

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005283.D
 Acq On : 11 Sep 2018 18:26
 Operator : SY/AP
 Sample : J4821-03MSD
 Misc : 12.65G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Manual Integrations
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 9/12/2018 11:13:34 AM

Quant Time: Sep 12 01:28:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	415466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	620114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	605931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	317417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	191184	61.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.40%	
35) Dibromofluoromethane	7.89	113	178680	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
50) Toluene-d8	10.33	98	899721	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
62) 4-Bromofluorobenzene	12.63	95	337758	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	185276	51.70	ug/l	98
3) Chloromethane	2.21	50	283673	59.20	ug/l	100
4) Vinyl Chloride	2.35	62	271425	61.70	ug/l	98
5) Bromomethane	2.76	94	189274	72.27	ug/l	96
6) Chloroethane	2.91	64	161470	66.64	ug/l	100
7) Trichlorofluoromethane	3.26	101	284217	57.12	ug/l	97
8) Diethyl Ether	3.68	74	121266	68.38	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	196207	55.20	ug/l	98
10) Methyl Iodide	4.28	142	210145	47.73	ug/l	100
11) Tert butyl alcohol	5.17	59	107394	422.60	ug/l	99
12) 1,1-Dichloroethene	4.04	96	183475	56.06	ug/l	95
13) Acrolein	3.90	56	76197	310.40	ug/l	100
14) Allyl chloride	4.67	41	306019	60.86	ug/l	97
15) Acrylonitrile	5.37	53	340672	425.80	ug/l	99
16) Acetone	4.12	43	290219	504.56	ug/l	99
17) Carbon Disulfide	4.38	76	679782	59.18	ug/l	100
18) Methyl Acetate	4.68	43	152400	88.76	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	572670	73.47	ug/l	99
20) Methylene Chloride	4.92	84	289828	69.06	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	212543	55.62	ug/l	96
22) Diisopropyl ether	6.32	45	702176	69.36	ug/l	97
23) Vinyl Acetate	6.26	43	2004393	355.27	ug/l	100
24) 1,1-Dichloroethane	6.23	63	372499	59.77	ug/l	98
25) 2-Butanone	7.18	43	406445	447.98	ug/l	96
26) 1,2-Dichloropropane	7.18	77	300781	55.67	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	240131	58.72	ug/l	97
28) Bromochloromethane	7.52	49	139601	60.72	ug/l #	94
29) Tetrahydrofuran	7.54	42	268976	439.93	ug/l	99
30) Chloroform	7.68	83	386476	61.80	ug/l	99
31) Cyclohexane	7.96	56	395363	59.62	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	329910	58.39	ug/l	99
36) 1,1-Dichloropropene	8.09	75	324287	57.08	ug/l	100
37) Ethyl Acetate	7.26	43	174637	80.81	ug/l	100
38) Carbon Tetrachloride	8.07	117	286534	53.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	405368	53.74	ug/l	98
40) Benzene	8.33	78	1004689	60.03	ug/l	100
41) Methacrylonitrile	7.49	41	96010	86.60	ug/l	94
42) 1,2-Dichloroethane	8.41	62	247695	61.86	ug/l	99
43) Isopropyl Acetate	8.43	43	326088	81.26	ug/l	98
44) Trichloroethene	9.10	130	258089	56.21	ug/l	97
45) 1,2-Dichloropropane	9.37	63	248643	61.80	ug/l	97
46) Dibromomethane	9.46	93	121942	61.92	ug/l	97
47) Bromodichloromethane	9.65	83	283212	58.79	ug/l	98
48) Methyl methacrylate	9.44	41	162197	77.84	ug/l	94
49) 1,4-Dioxane	9.45	88	58558	1592.68	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	953784	422.36	ug/l	100
52) Toluene	10.40	92	714035	58.70	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	329748	63.34	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	375785	60.28	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	197201	62.80	ug/l	98
56) Ethyl methacrylate	10.65	69	305857	76.84	ug/l	100
57) 1,3-Dichloropropane	10.94	76	340978	65.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	607335	351.03	ug/l	98
59) 2-Hexanone	10.98	43	714843	439.09	ug/l	99
60) Dibromochloromethane	11.13	129	215033	61.72	ug/l	99
61) 1,2-Dibromoethane	11.24	107	192108	66.72	ug/l	99
64) Tetrachloroethene	10.87	164	305058	67.86	ug/l	98
65) Chlorobenzene	11.66	112	768198	57.87	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	229410	57.88	ug/l	99
67) Ethyl Benzene	11.74	91	1331557	57.60	ug/l	100
68) m/p-Xylenes	11.85	106	1058521	113.63	ug/l	99
69) o-Xylene	12.17	106	507571	58.57	ug/l	99
70) Styrene	12.19	104	841435	59.50	ug/l	99
71) Bromoform	12.35	173	143077	66.58	ug/l #	98
73) Isopropylbenzene	12.47	105	1330780	59.34	ug/l	100
74) N-amyl acetate	12.28	43	389882	91.37	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	257065	76.27	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	183499m	75.16	ug/l	
77) Bromobenzene	12.76	156	325066	61.52	ug/l	94
78) n-propylbenzene	12.81	91	1619640	60.13	ug/l	98
79) 2-Chlorotoluene	12.90	91	929355	60.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1228726	64.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	79148	76.03	ug/l	95
82) 4-Chlorotoluene	12.99	91	952147	58.65	ug/l	99
83) tert-Butylbenzene	13.21	119	940530	56.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1584396	82.56	ug/l	99
85) sec-Butylbenzene	13.39	105	1346137	56.08	ug/l	99
86) p-Isopropyltoluene	13.51	119	1201109	56.52	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	631643	56.93	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	628878	57.71	ug/l	98
89) n-Butylbenzene	13.83	91	1125788	56.36	ug/l	97
90) Hexachloroethane	14.10	117	187261	55.00	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	589528	60.46	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46434	82.85	ug/l	98

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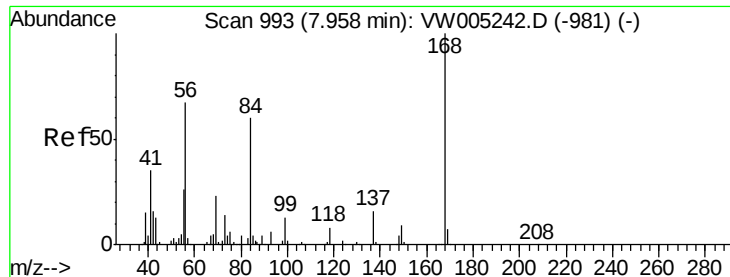
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	370846	53.76	ug/l	99
94) Hexachlorobutadiene	15.25	225	146033	33.06	ug/l	100
95) Naphthalene	15.38	128	916158	81.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	334771	56.40	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005283.D

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Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:168 Resp: 415466

Ion Ratio Lower Upper

168 100

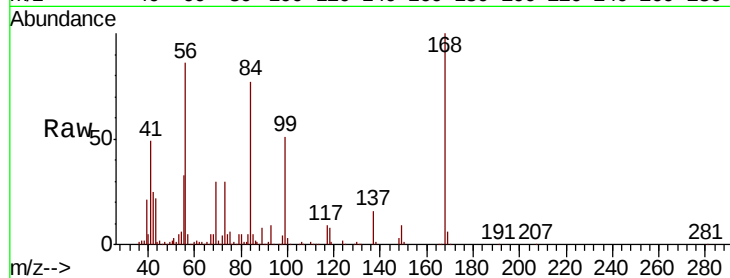
99 51.2 39.1 58.7

Manual Integrations

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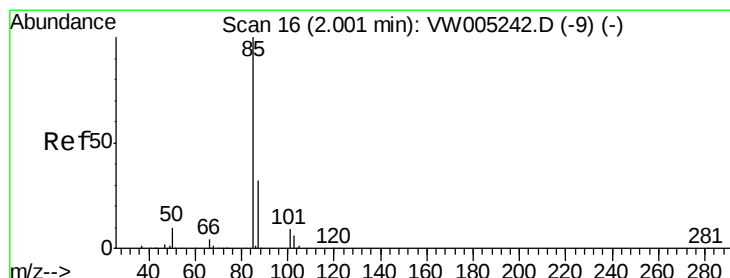
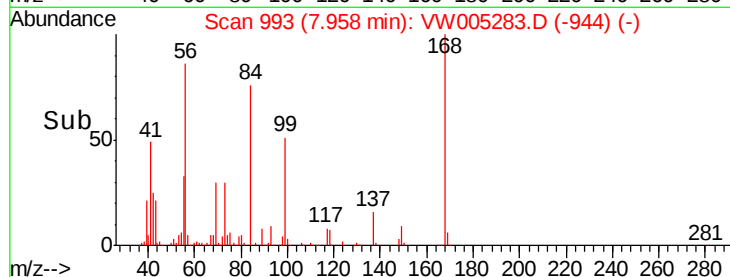
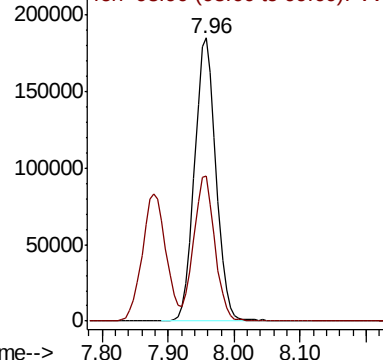
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.70 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005283.D

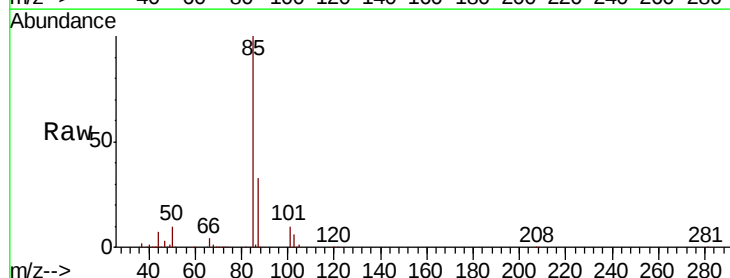
Acq: 11 Sep 2018 18:26

Tgt Ion: 85 Resp: 185276

Ion Ratio Lower Upper

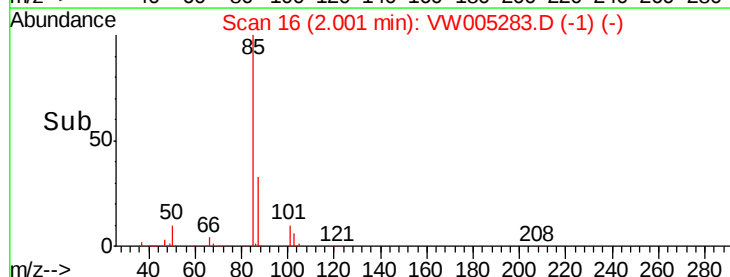
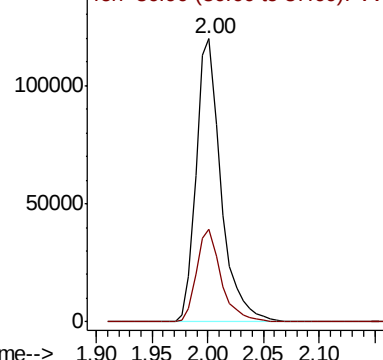
85 100

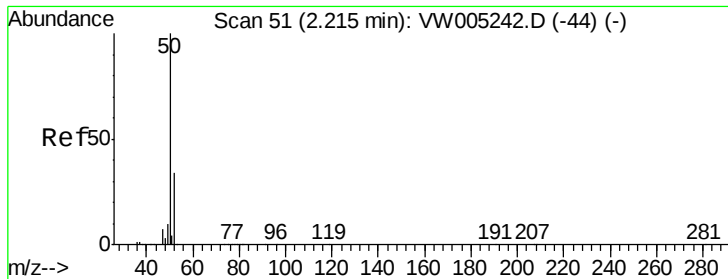
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 59.20 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 50 Resp: 283673

Ion Ratio Lower Upper

50 100

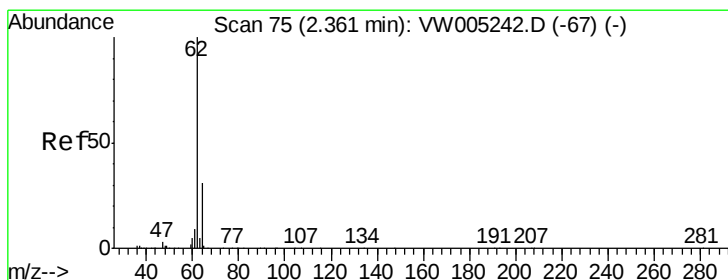
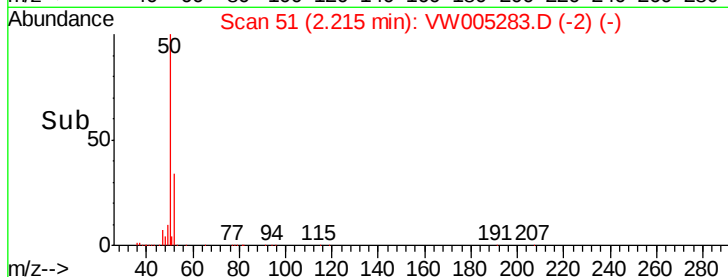
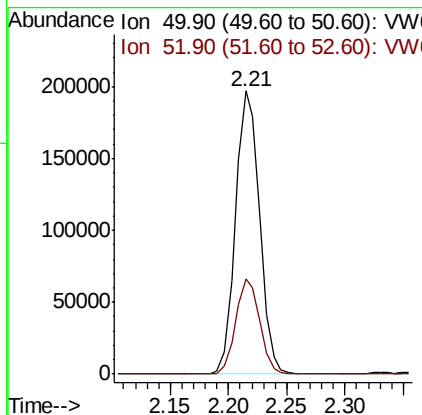
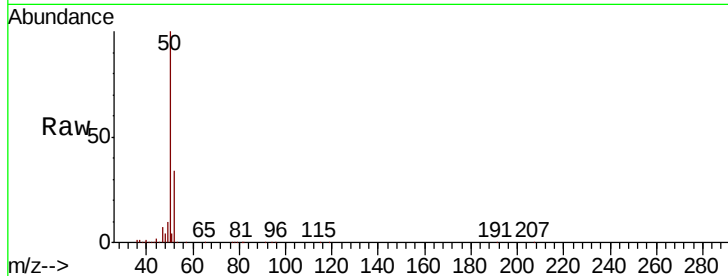
52 33.6 27.0 40.4

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#4

Vinyl Chloride

Concen: 61.70 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005283.D

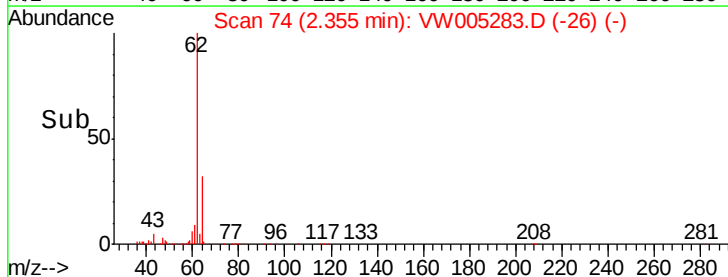
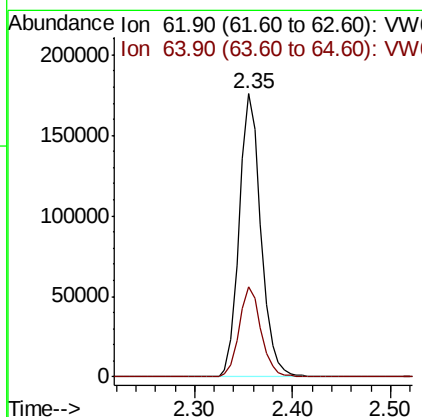
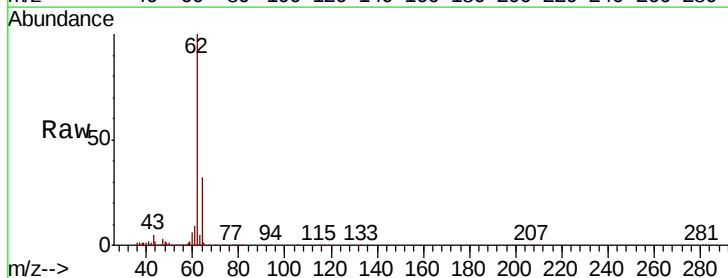
Acq: 11 Sep 2018 18:26

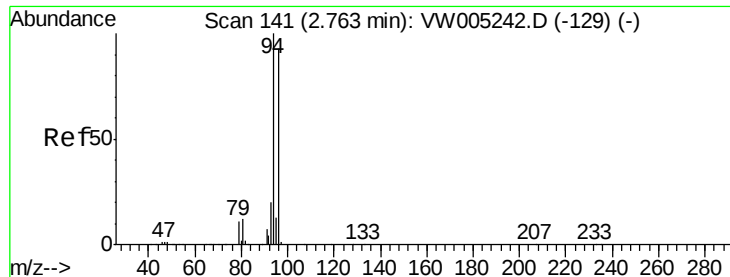
Tgt Ion: 62 Resp: 271425

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





#5

Bromomethane

Concen: 72.27 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

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ENY-SB-02-61.0-61.5MSD

Tot Ion: 94 Resp: 189274

Ion Ratio Lower Upper

94 100

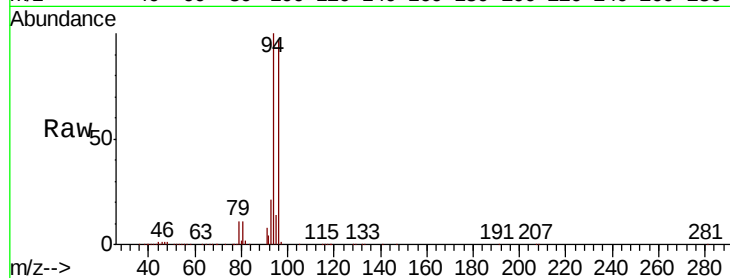
96 96.6 74.1 111.1

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

100000

80000

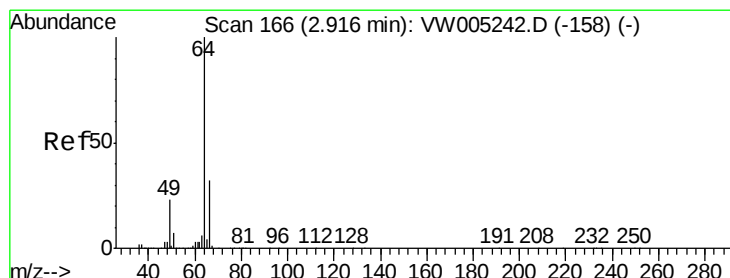
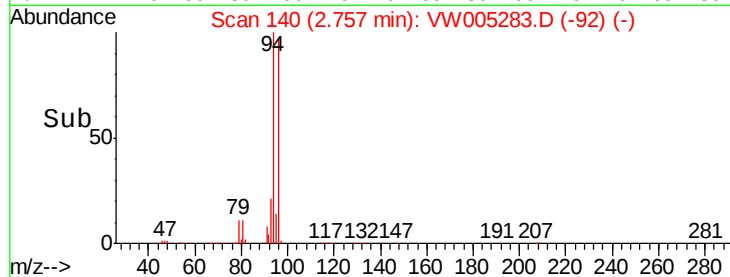
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 66.64 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005283.D

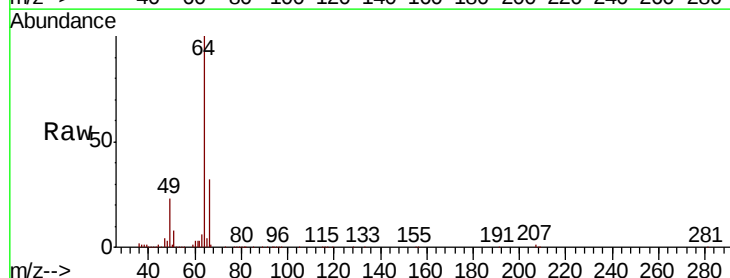
Acq: 11 Sep 2018 18:26

Tgt Ion: 64 Resp: 161470

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

80000

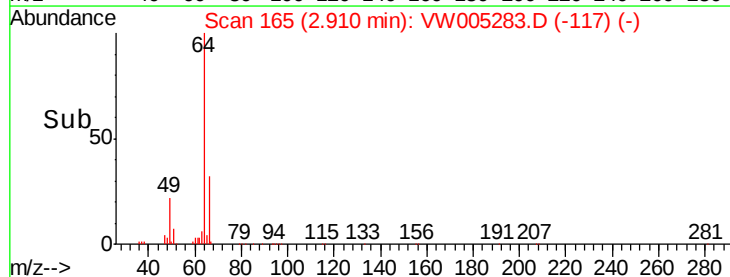
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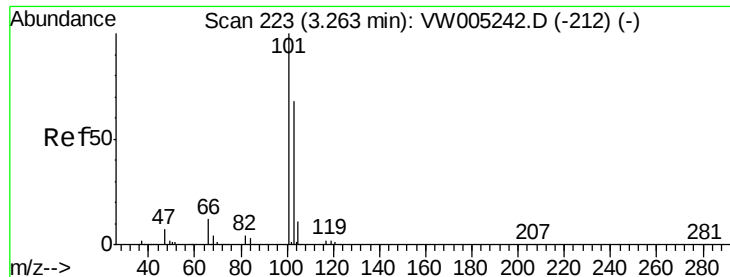
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20000

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Time-->





#7

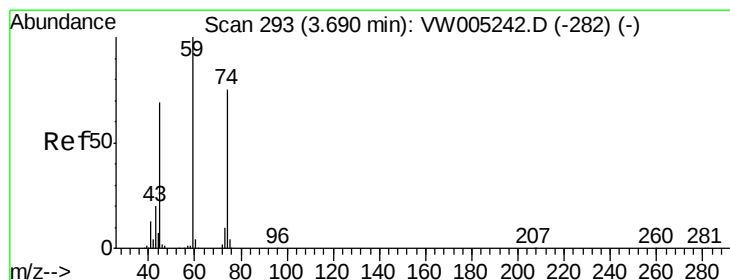
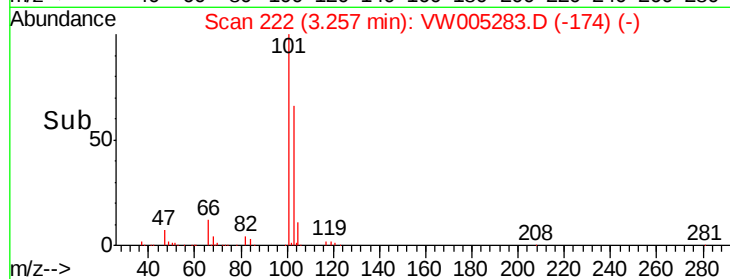
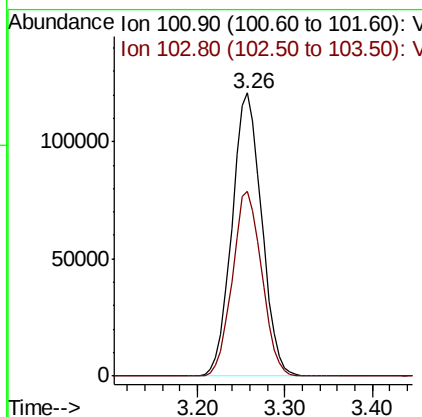
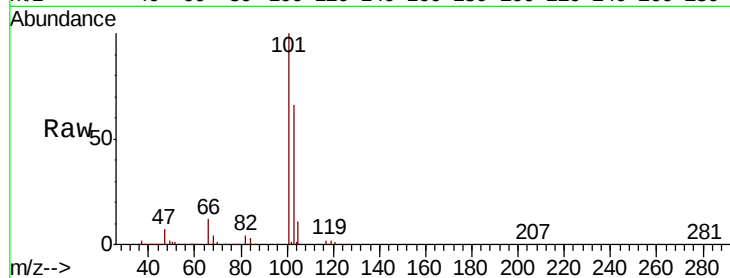
Trichlorofluoromethane
 Concen: 57.12 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005283.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	284217		
103	65.5	54.1	81.1	

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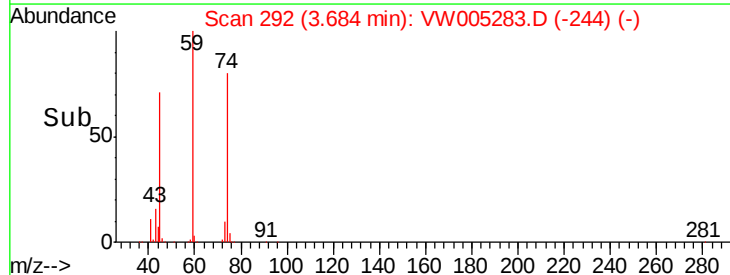
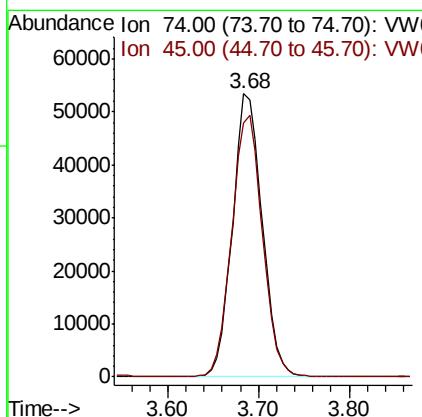
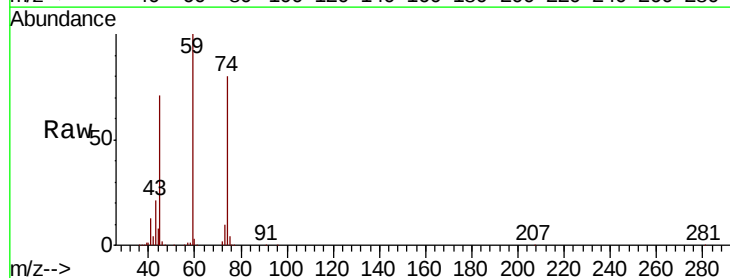
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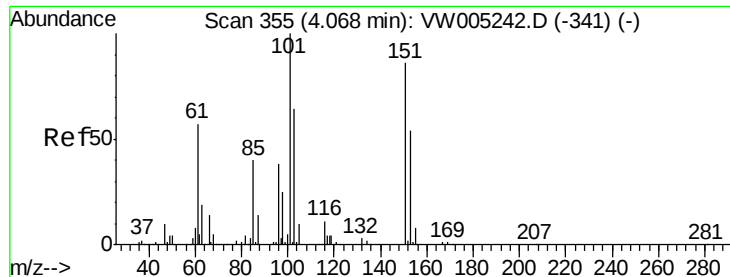


#8

Diethyl Ether
 Concen: 68.38 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	121266		
45	95.8	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.20 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

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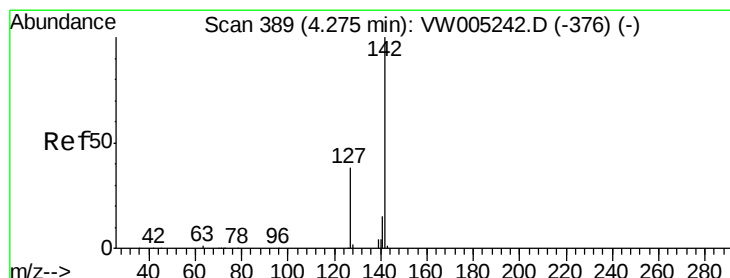
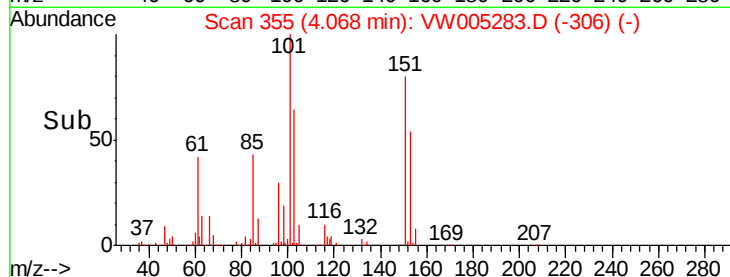
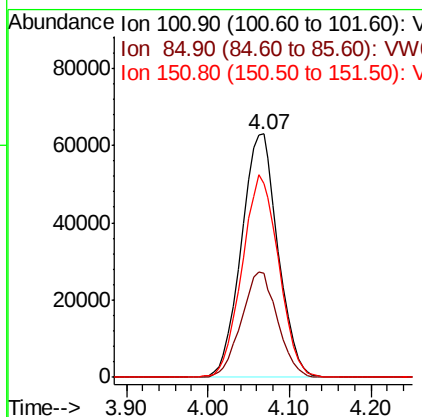
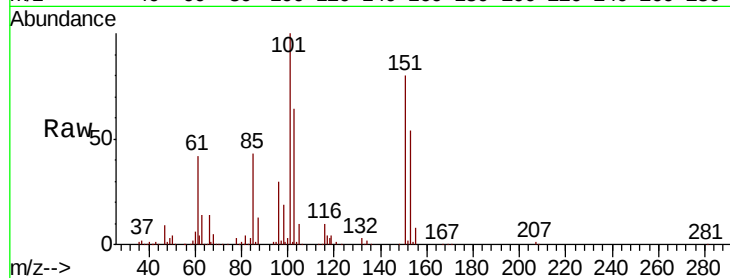
ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	101	Resp:	196207
Ion Ratio	Lower	Upper	
101	100		
85	42.6	32.7	49.1
151	83.2	67.6	101.4

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#10

Methyl Iodide

Concen: 47.73 ug/l

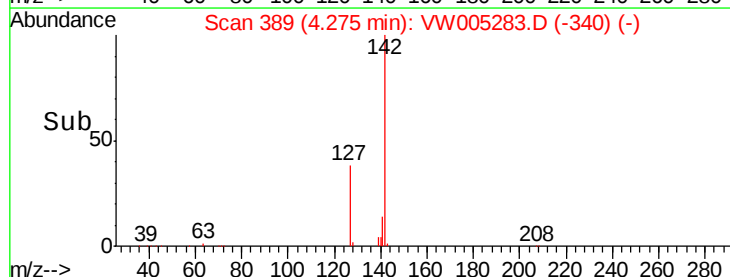
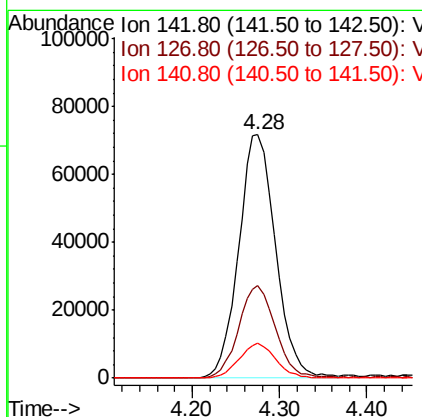
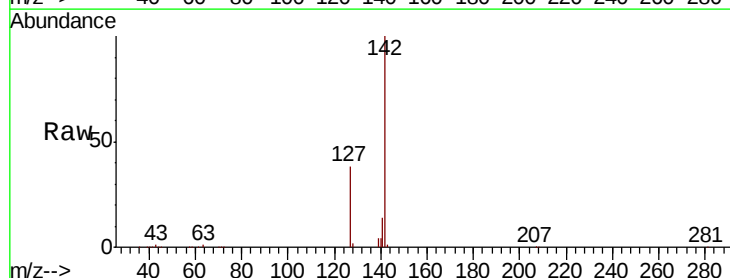
RT: 4.28 min Scan# 389

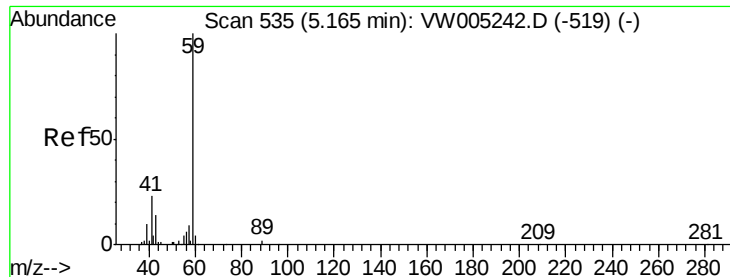
Delta R.T. 0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	142	Resp:	210145
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.3	45.5
141	14.2	11.4	17.0





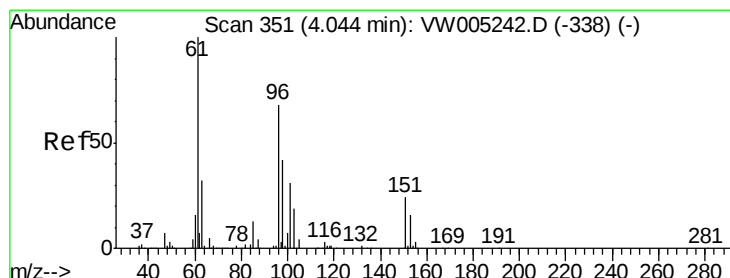
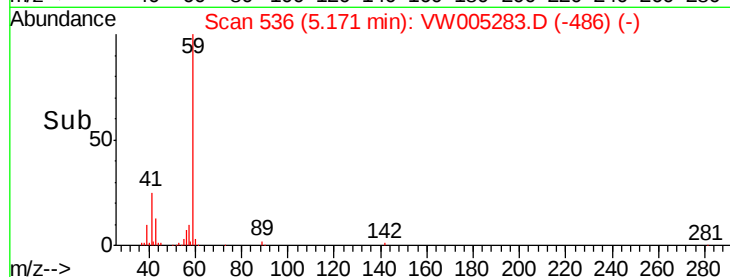
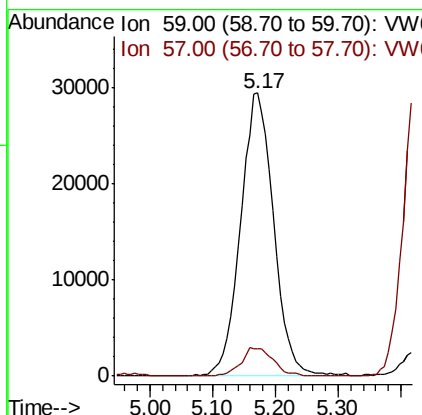
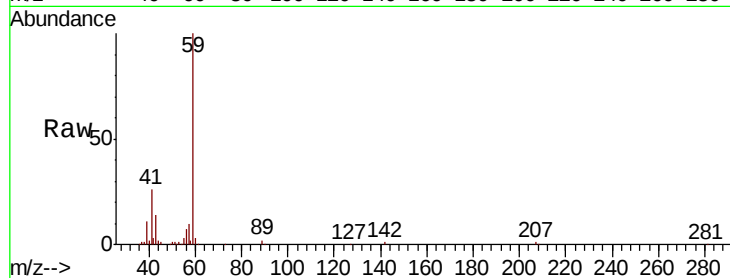
#11
Tert butyl alcohol
Concen: 422.60 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1

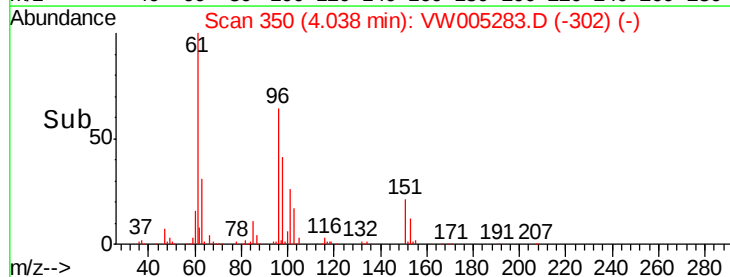
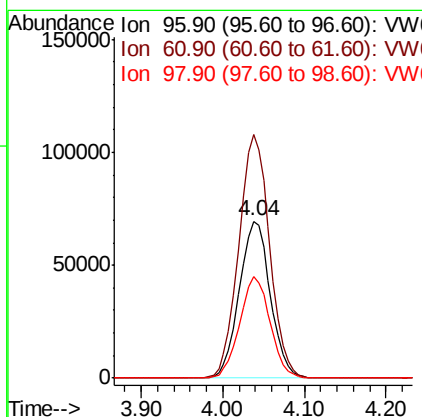
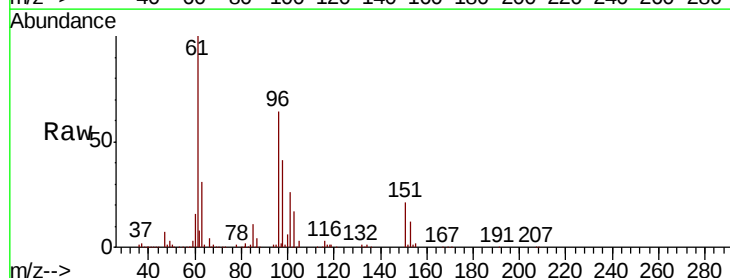
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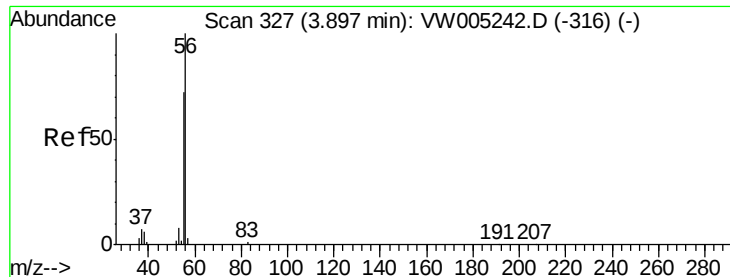
apatel
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#12
1,1-Dichloroethene
Concen: 56.06 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	118.2	177.2
98	64.4	49.9	74.9





#13

Acrolein

Concen: 310.40 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 56 Resp: 76197

Ion Ratio Lower Upper

56 100

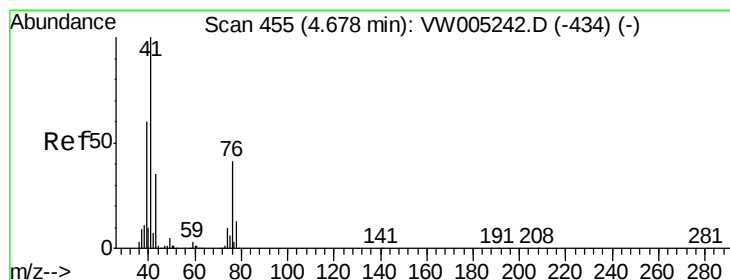
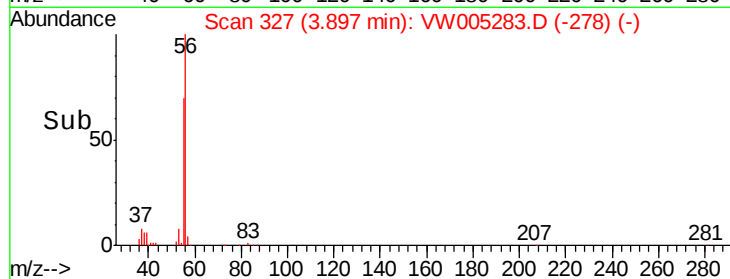
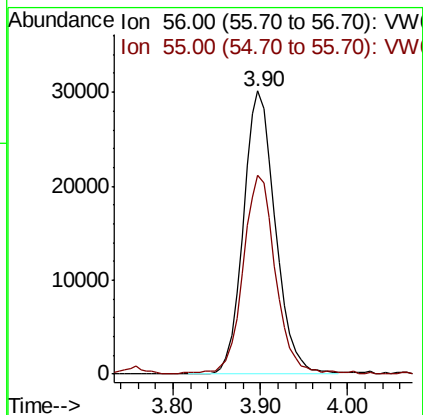
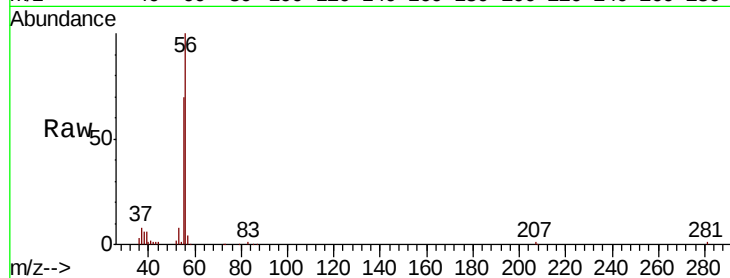
55 70.6 56.8 85.2

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#14

Allyl chloride

Concen: 60.86 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

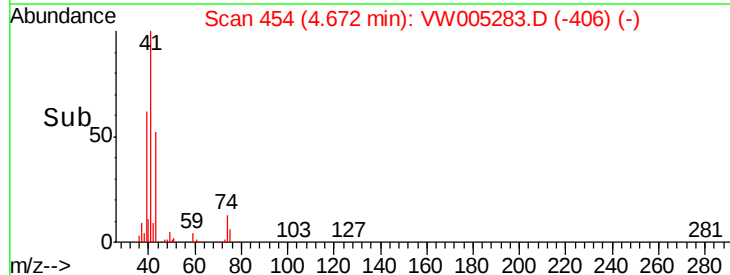
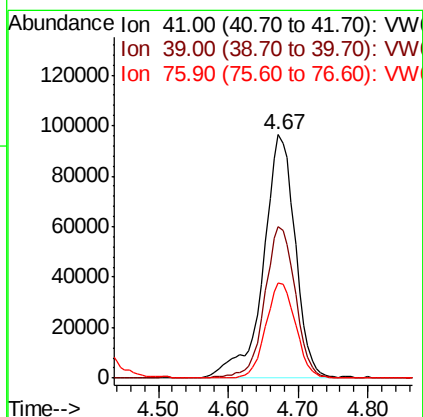
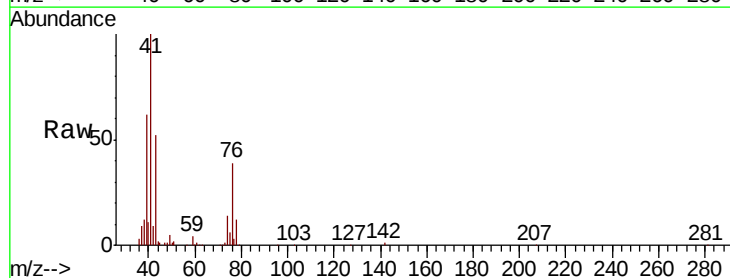
Tgt Ion: 41 Resp: 306019

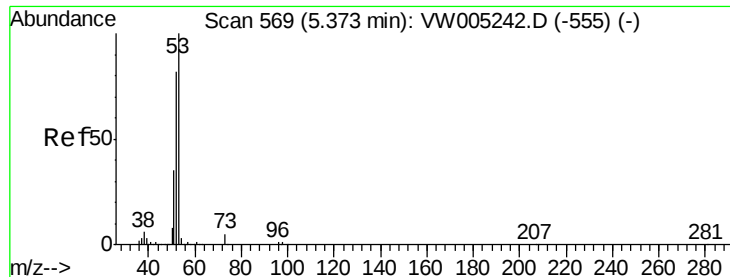
Ion Ratio Lower Upper

41 100

39 59.2 48.2 72.4

76 36.6 31.7 47.5





#15

Acrylonitrile

Concen: 425.80 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

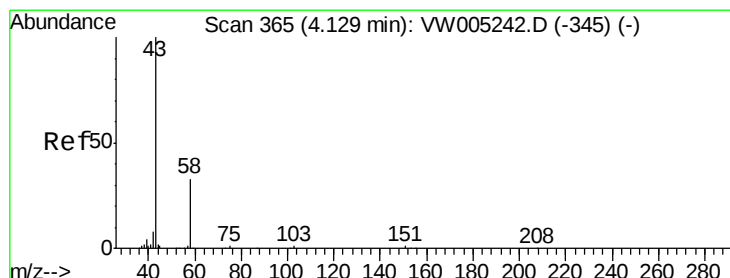
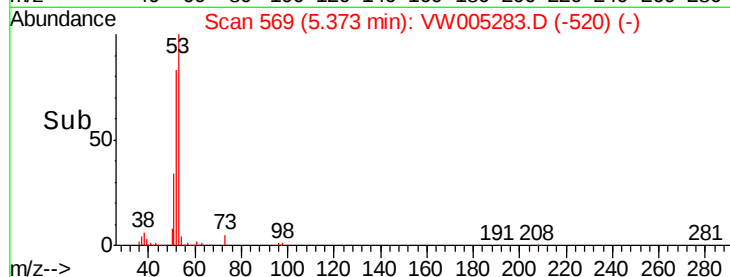
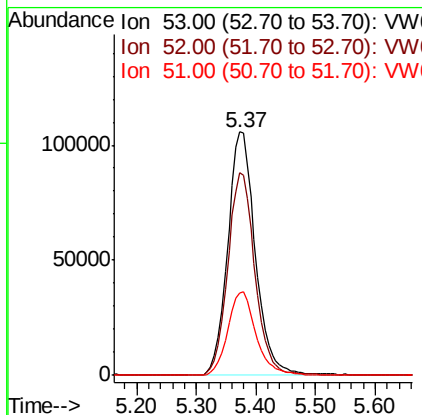
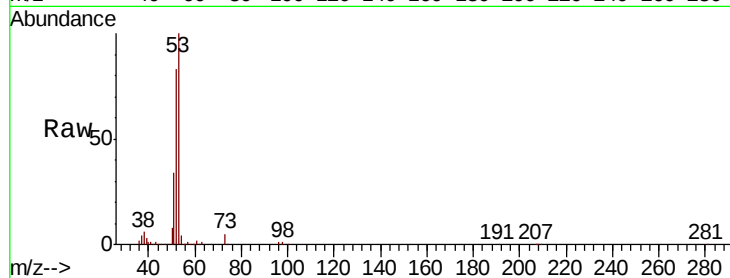
ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	53	Resp:	340672
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.0	99.0
51	35.3	28.6	43.0

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#16

Acetone

Concen: 504.56 ug/l

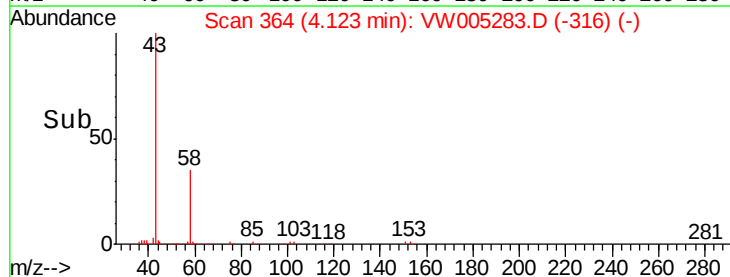
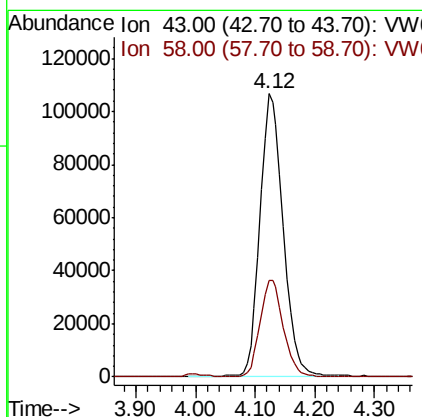
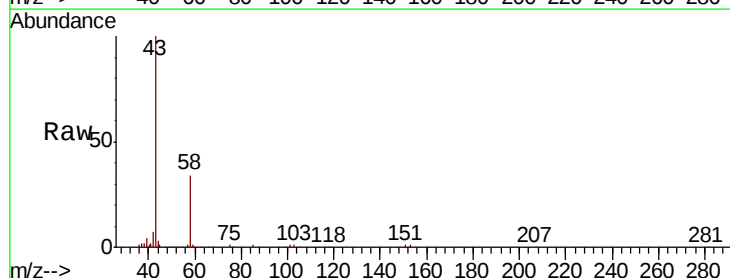
RT: 4.12 min Scan# 364

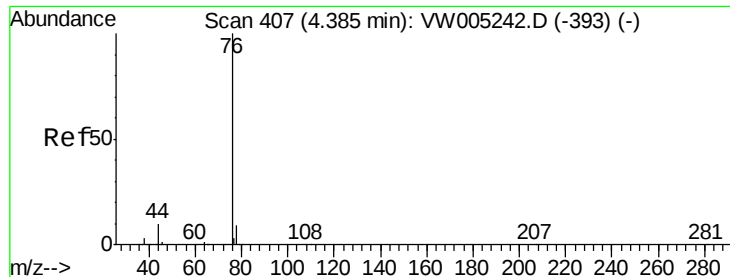
Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	43	Resp:	290219
Ion Ratio	Lower	Upper	
43	100		
58	34.0	26.7	40.1





#17

Carbon Disulfide

Concen: 59.18 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 76 Resp: 679782

Ion Ratio Lower Upper

76 100

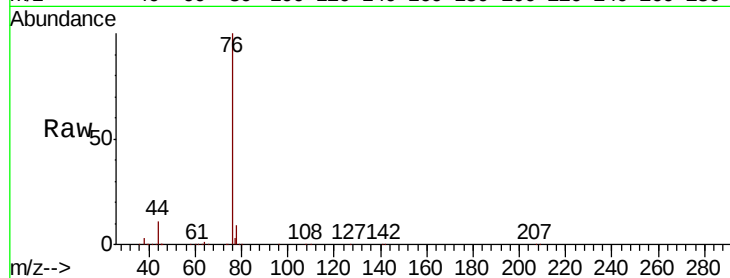
78 9.3 7.5 11.3

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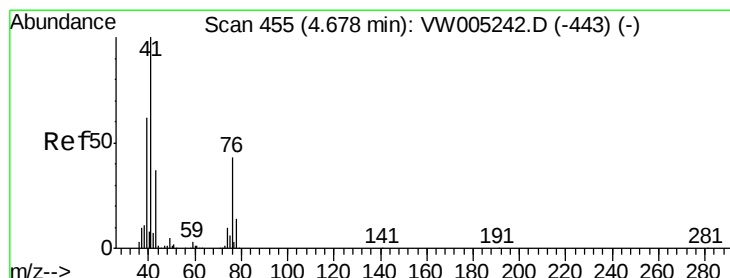
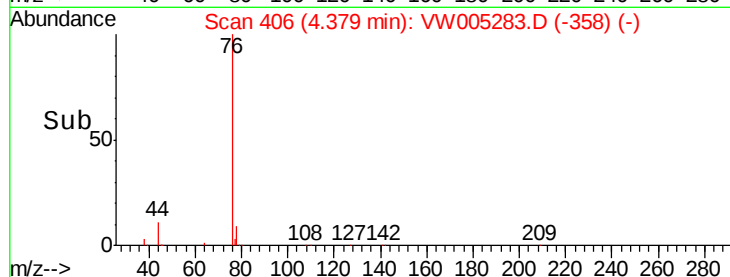
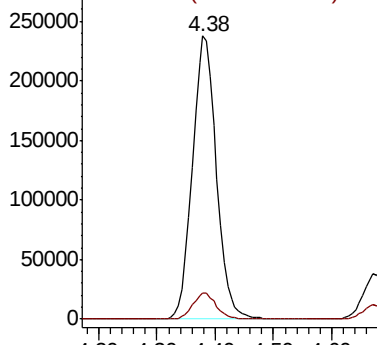
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 88.76 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005283.D

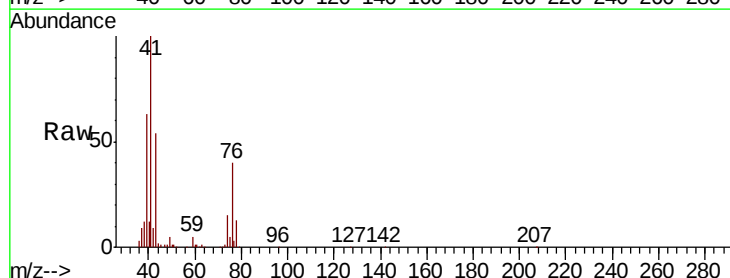
Acq: 11 Sep 2018 18:26

Tgt Ion: 43 Resp: 152400

Ion Ratio Lower Upper

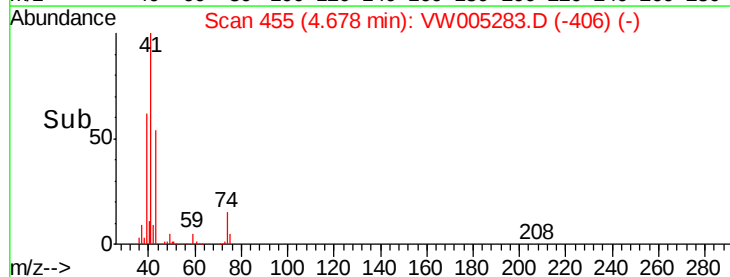
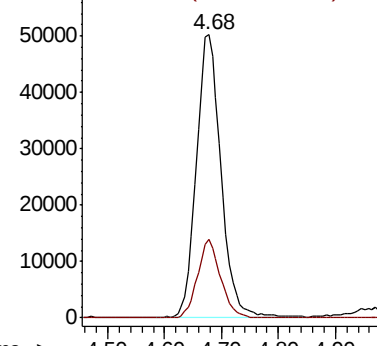
43 100

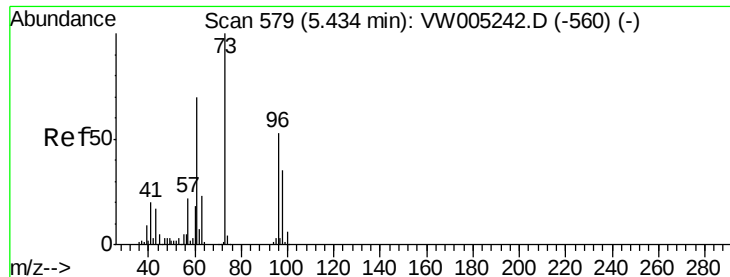
74 25.8 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





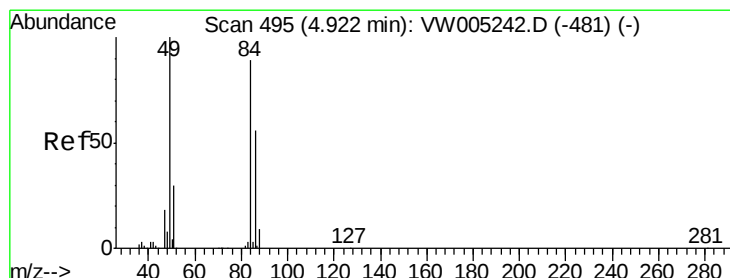
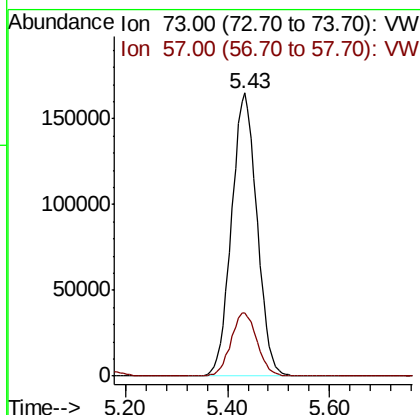
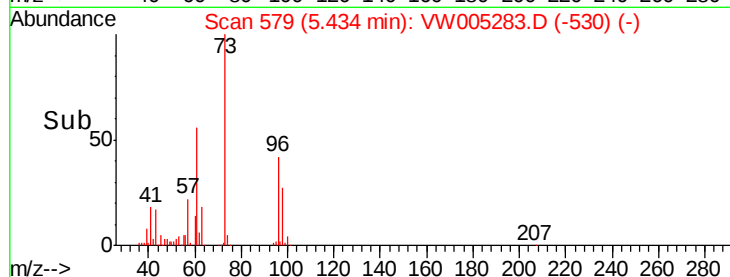
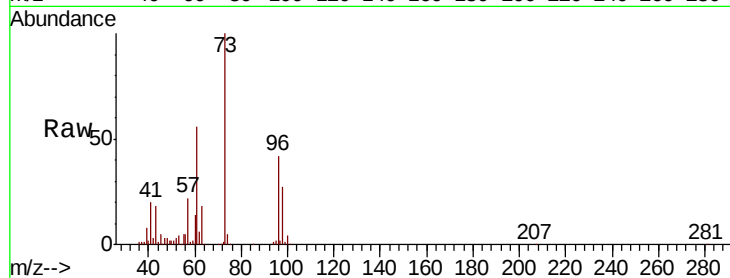
#19
Methvl tert-butvl Ether
Concen: 73.47 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion: 73 Resp: 572670
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2

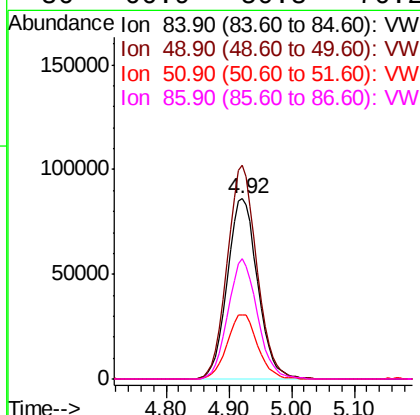
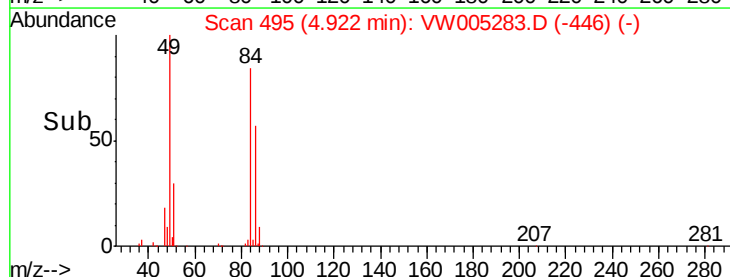
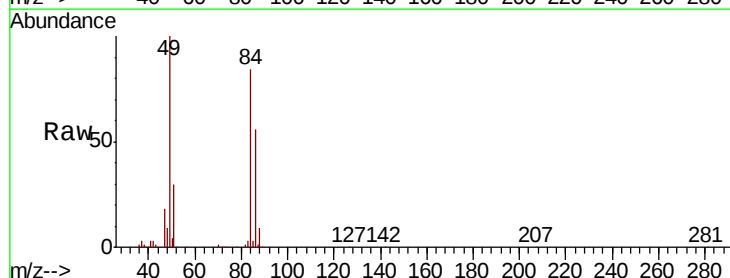
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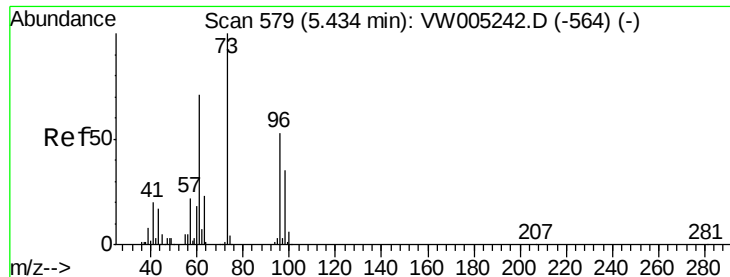
apatel
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#20
Methylene Chloride
Concen: 69.06 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 84 Resp: 289828
Ion Ratio Lower Upper
84 100
49 118.7 90.3 135.5
51 35.9 26.9 40.3
86 66.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 55.62 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

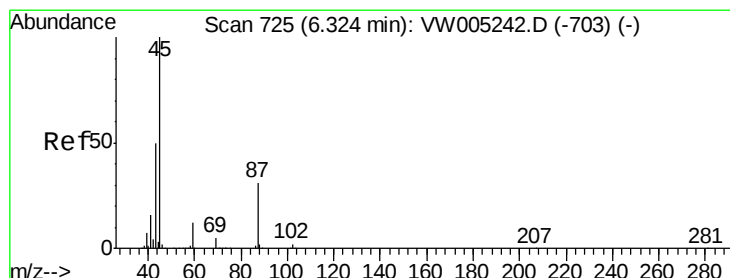
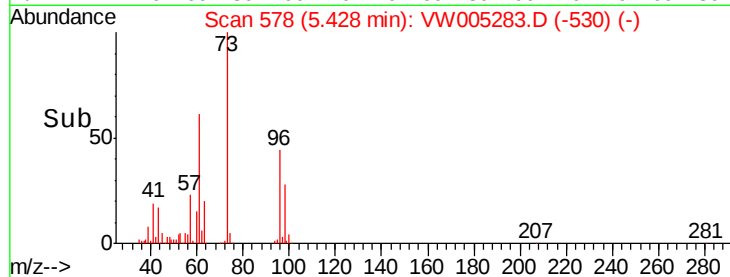
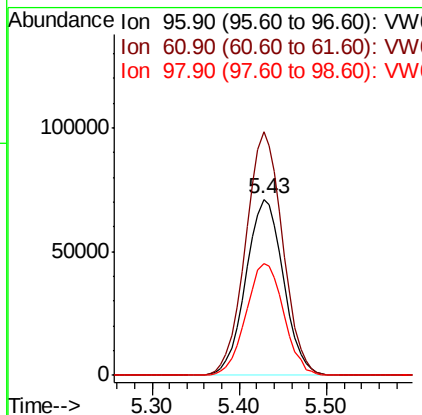
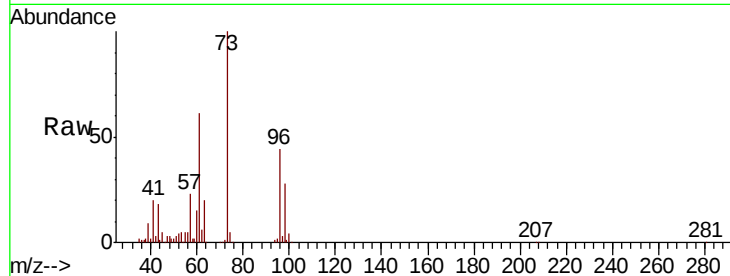
ClientSampled :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	96	Resp:	212543
Ion	Ratio	Lower	Upper
96	100		
61	138.2	105.7	158.5
98	63.7	52.8	79.2

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#22

Diisopropyl ether

Concen: 69.36 ug/l

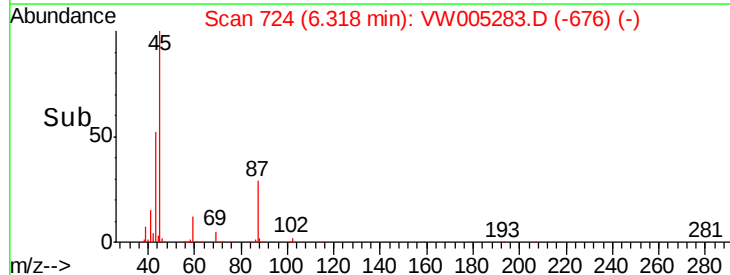
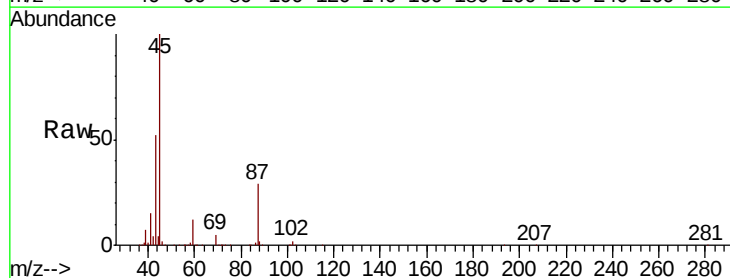
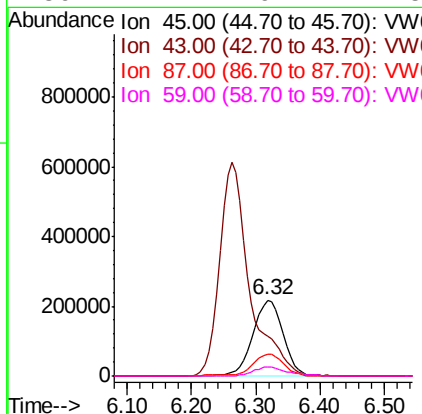
RT: 6.32 min Scan# 724

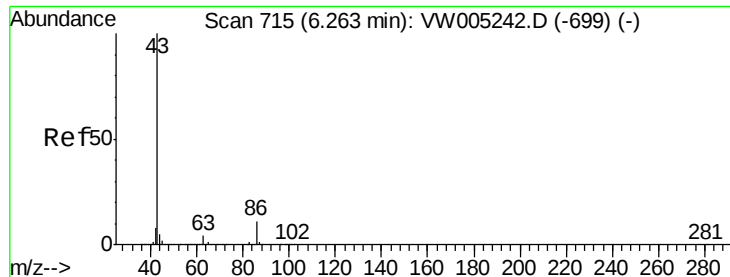
Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	45	Resp:	702176
Ion	Ratio	Lower	Upper
45	100		
43	51.5	39.6	59.4
87	29.2	24.7	37.1
59	12.1	9.7	14.5





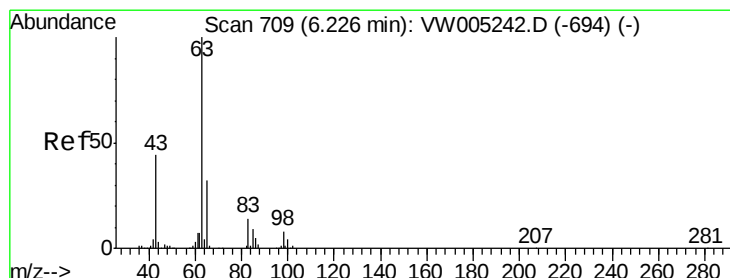
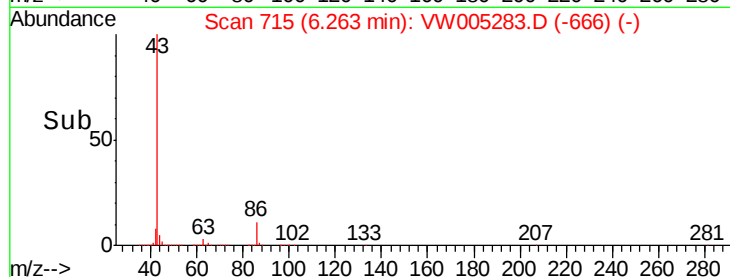
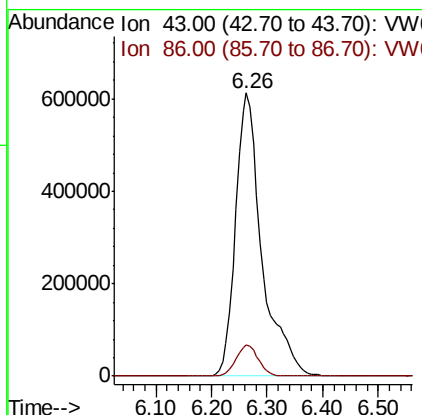
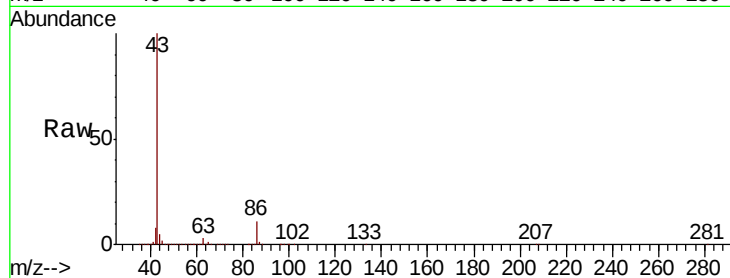
#23
 Vinyl Acetate
 Concen: 355.27 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion: 43 Resp: 2004393
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

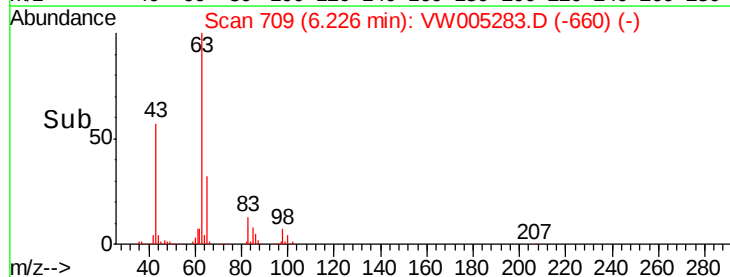
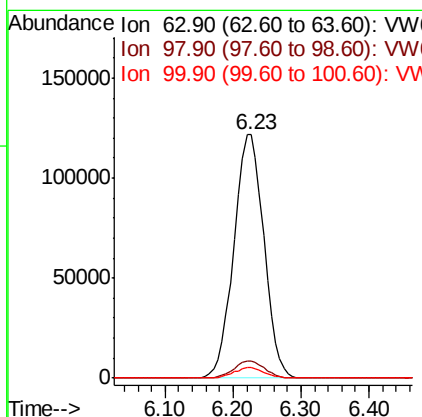
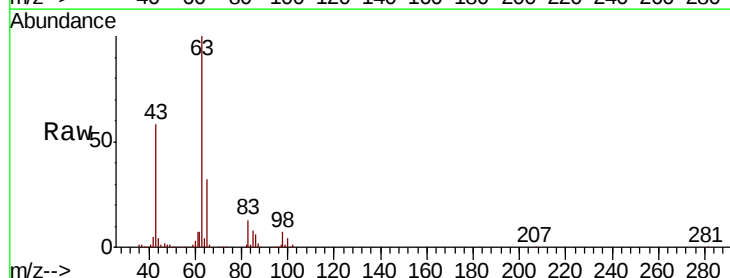
Manual Integrations
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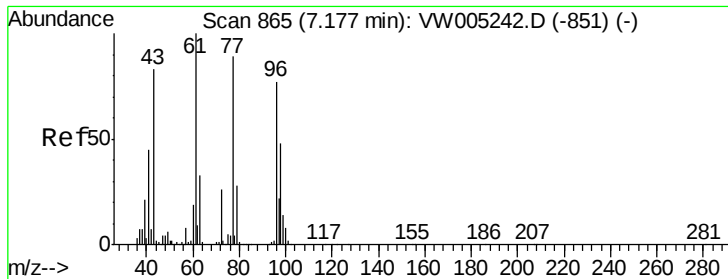
apatel
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#24
 1,1-Dichloroethane
 Concen: 59.77 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 63 Resp: 372499
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 447.98 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 43 Resp: 406445

Ion Ratio Lower Upper

43 100

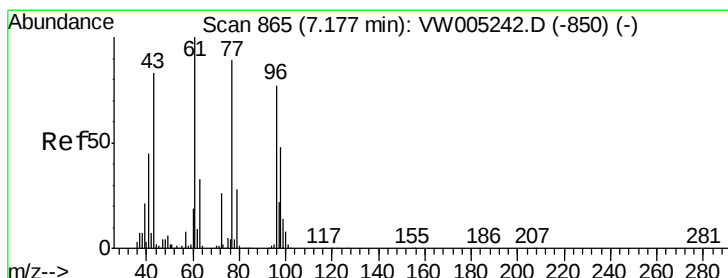
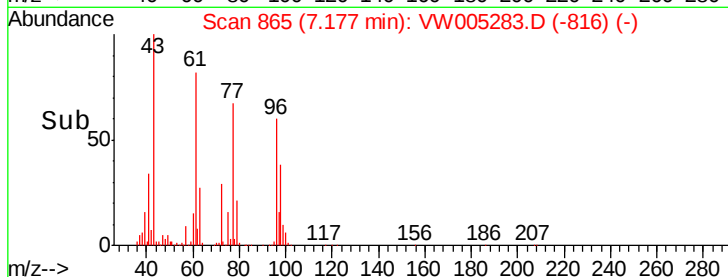
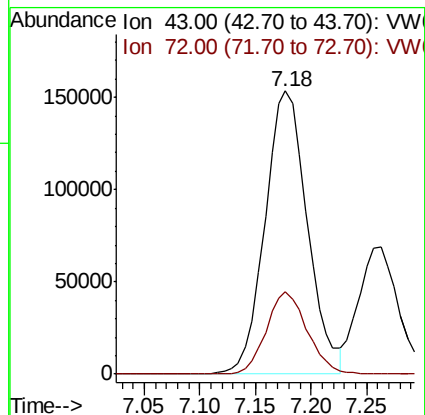
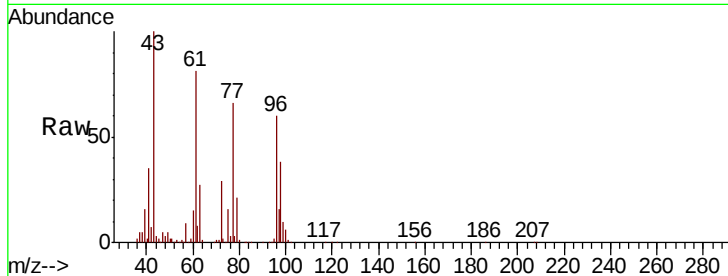
72 29.0 25.0 37.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.67 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005283.D

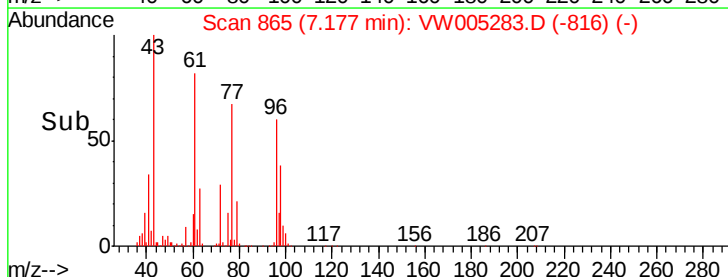
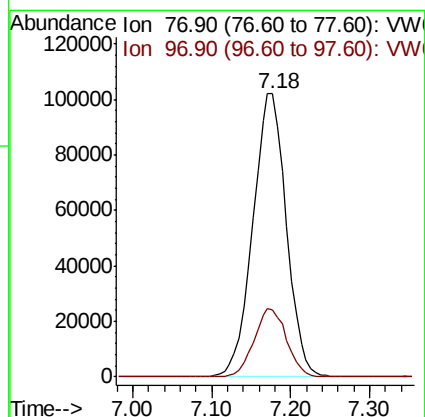
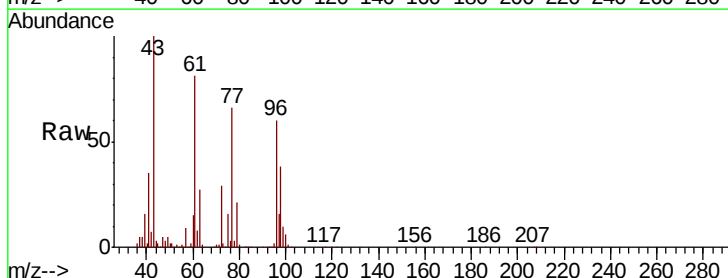
Acq: 11 Sep 2018 18:26

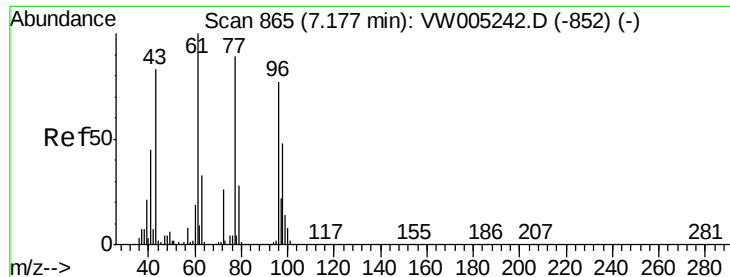
Tgt Ion: 77 Resp: 300781

Ion Ratio Lower Upper

77 100

97 23.5 12.2 36.6





#27

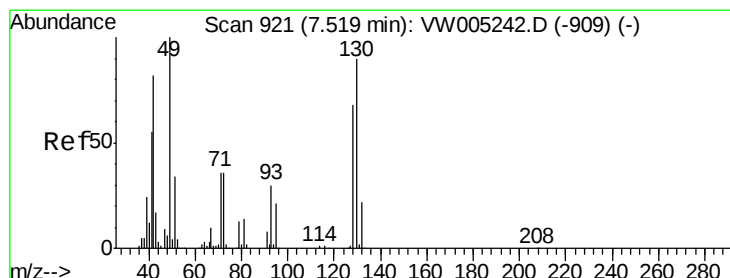
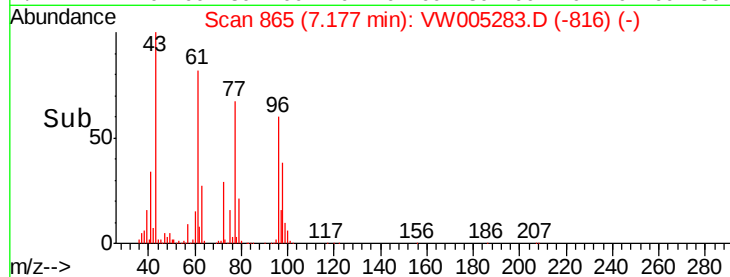
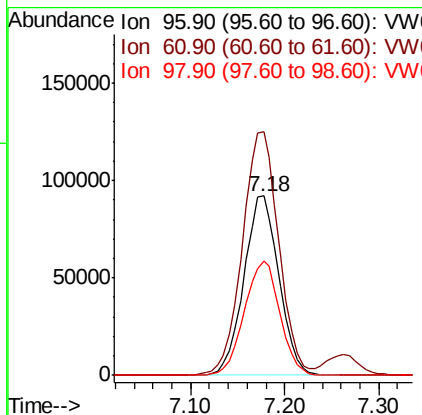
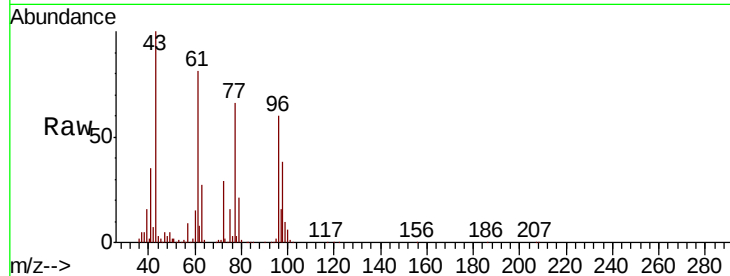
cis-1,2-Dichloroethene
 Concen: 58.72 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	240131		
61	140.8	0.0	273.4	
98	64.5	0.0	127.8	

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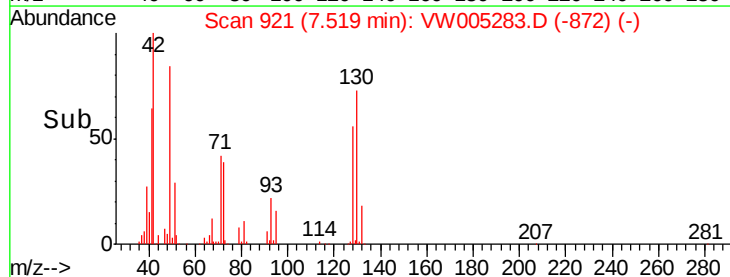
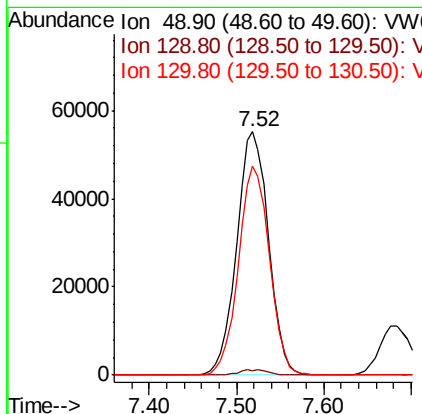
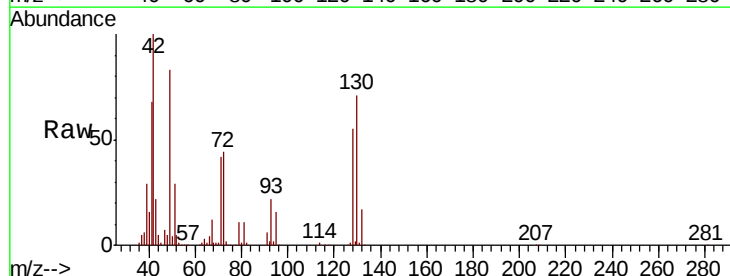
apatel
 9/12/2018 11:13:34 AM

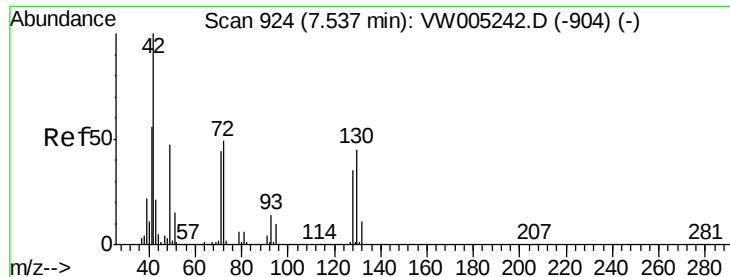


#28

Bromochloromethane
 Concen: 60.72 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	139601		
129	2.1	0.0	2.0#	
130	83.5	71.2	106.8	





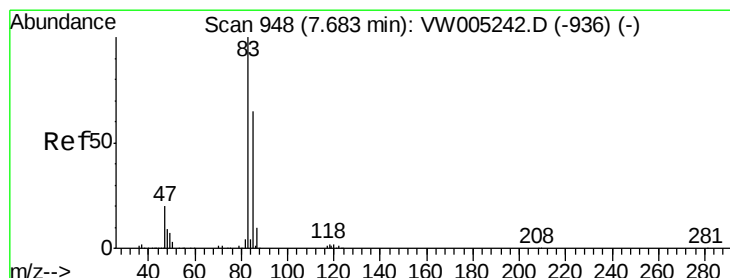
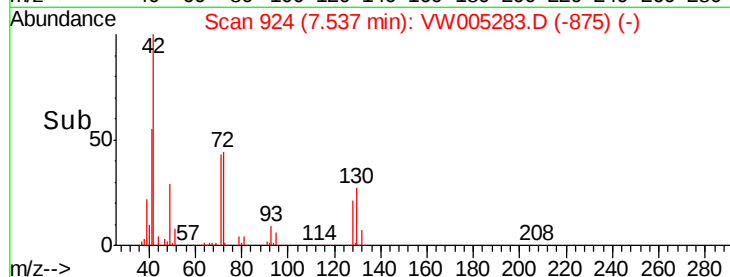
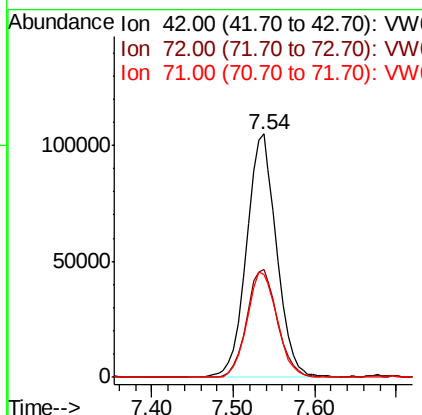
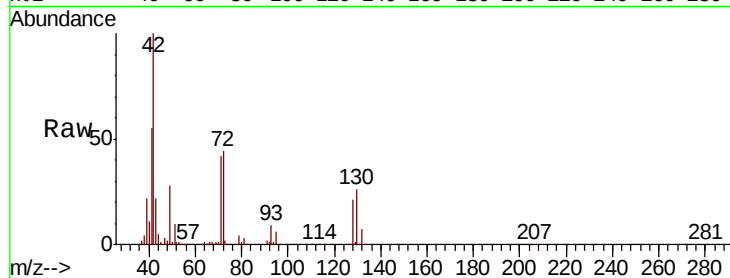
#29
Tetrahydrofuran
Concen: 439.93 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	37.5	56.3
71	43.5	34.8	52.2

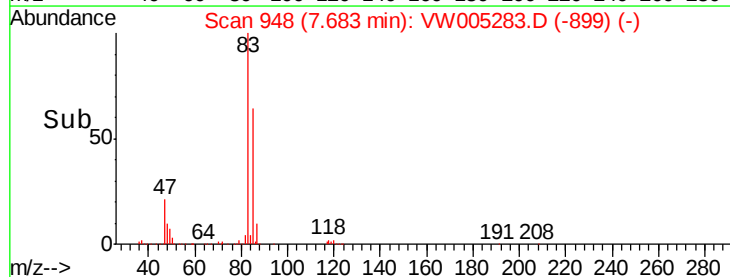
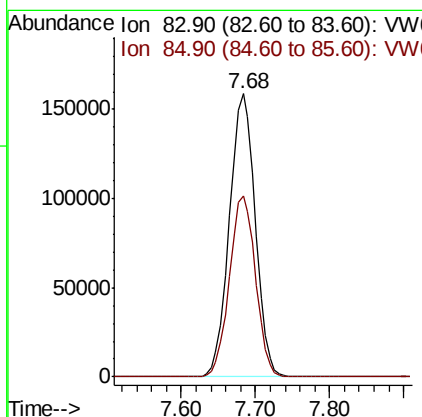
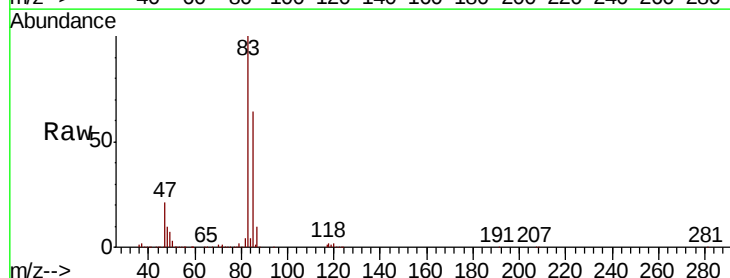
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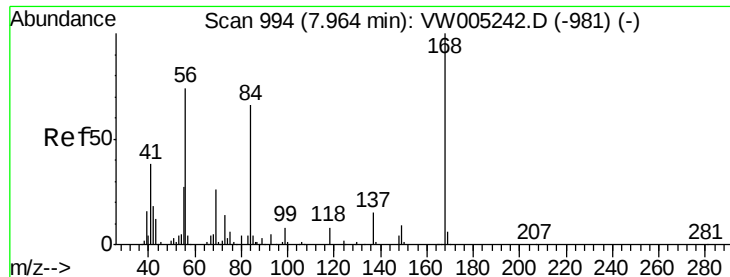
apatel
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#30
Chloroform
Concen: 61.80 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.7	77.5





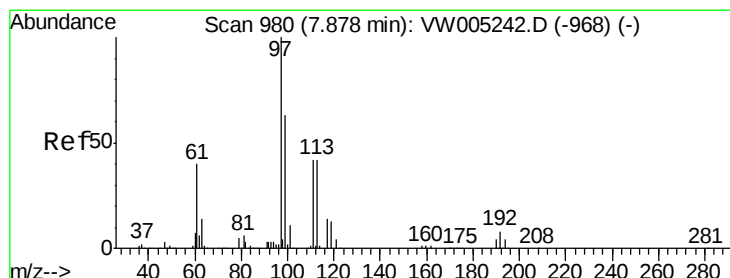
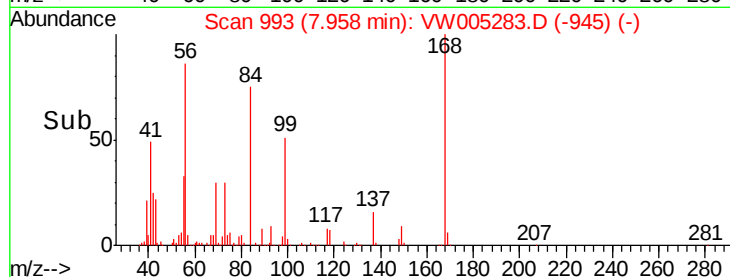
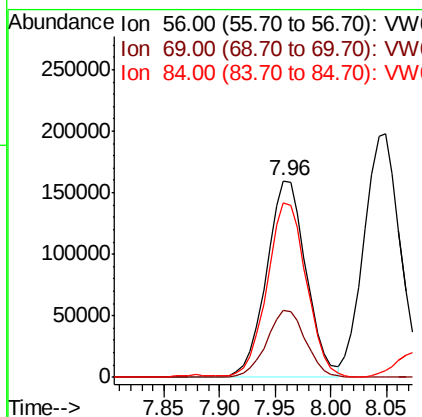
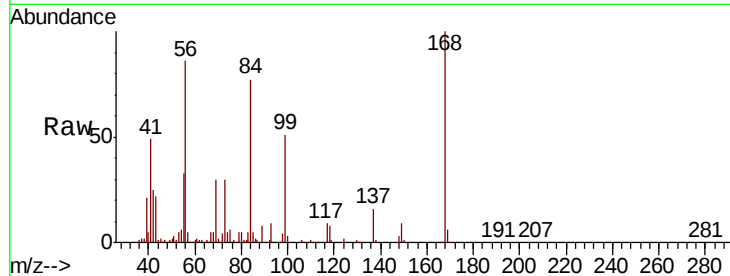
#31
Cyclohexane
Concen: 59.62 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.8	41.8
84	87.9	72.1	108.1

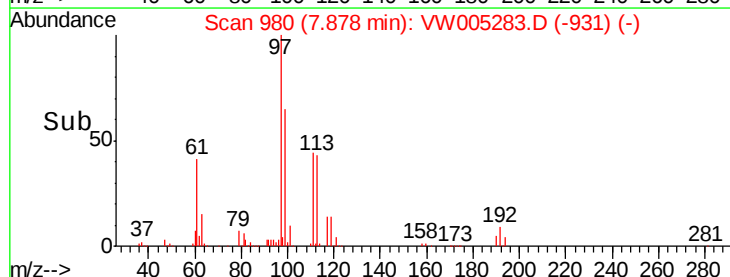
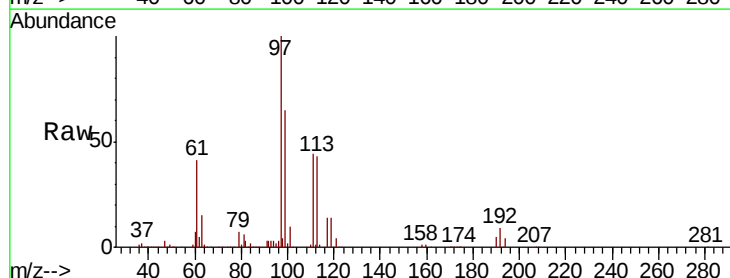
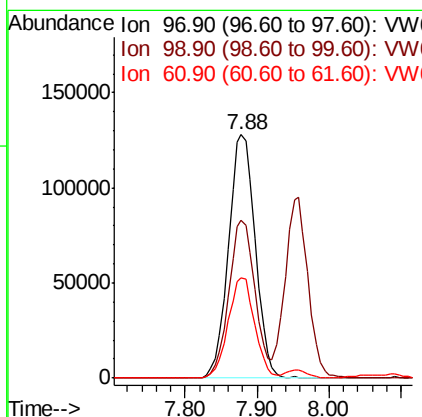
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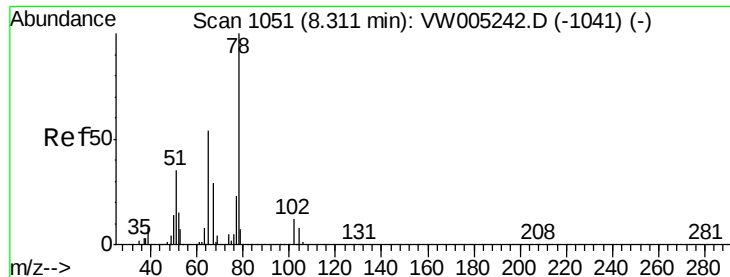
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#32
1,1,1-Trichloroethane
Concen: 58.39 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.5	77.3
61	41.0	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 61.70 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 65 Resp: 191184

Ion Ratio Lower Upper

65 100

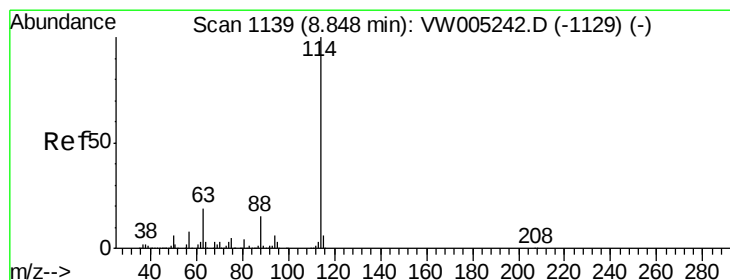
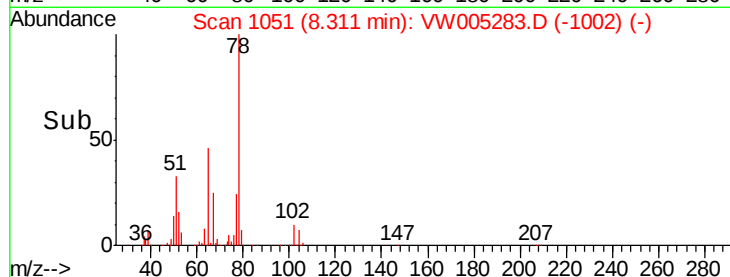
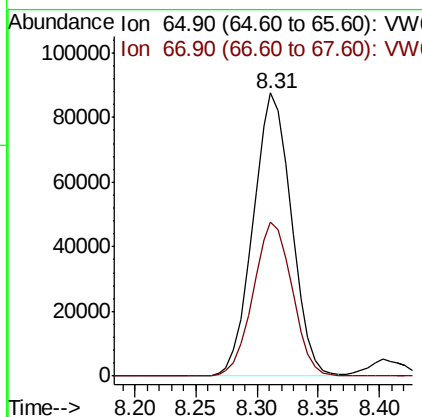
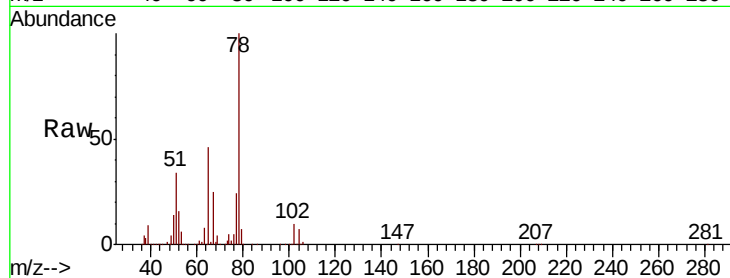
67 55.1 0.0 112.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

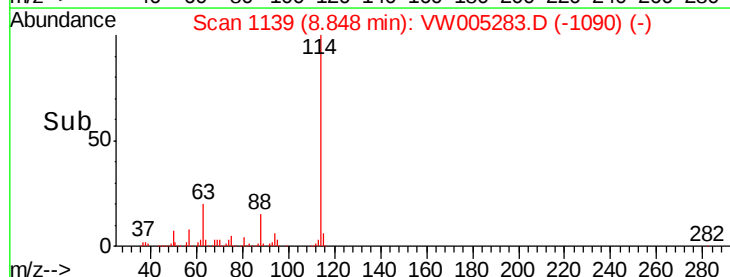
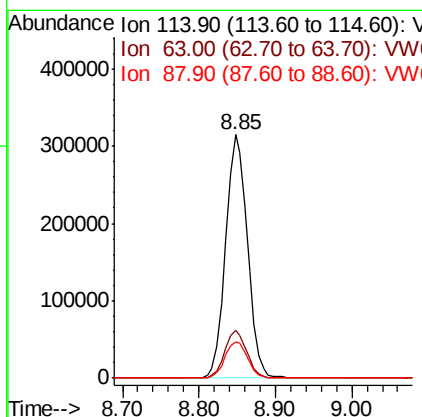
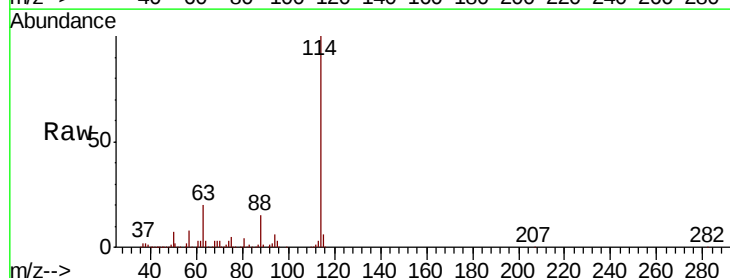
Tgt Ion: 114 Resp: 620114

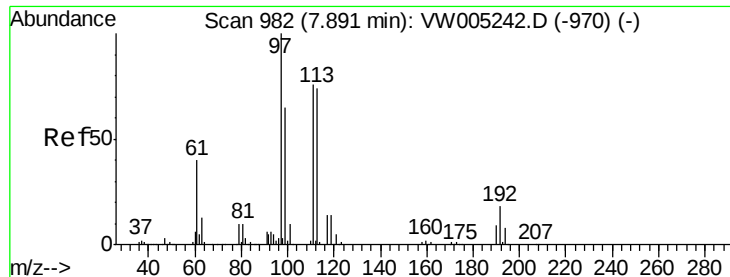
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

88 14.7 0.0 30.4





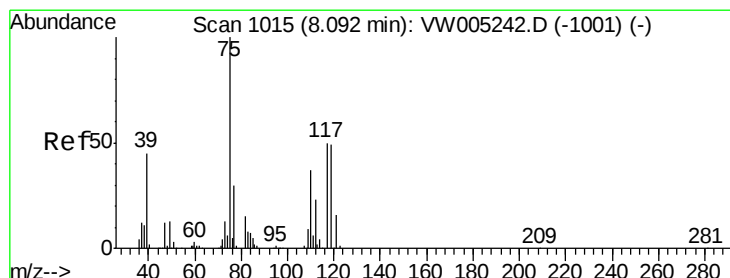
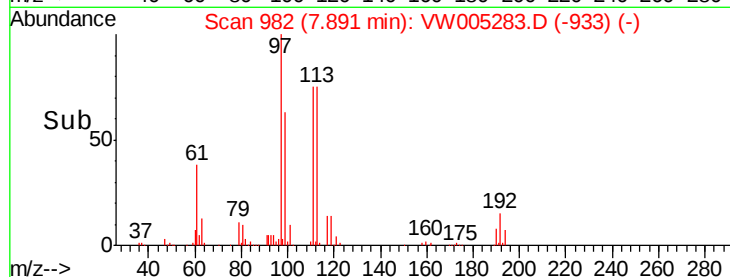
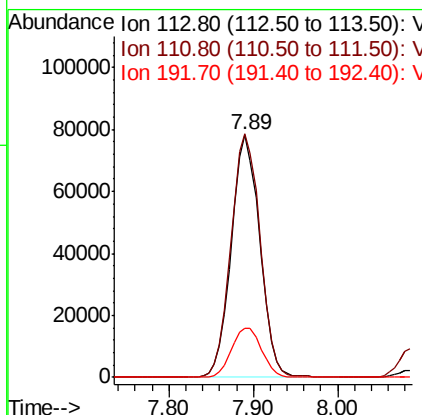
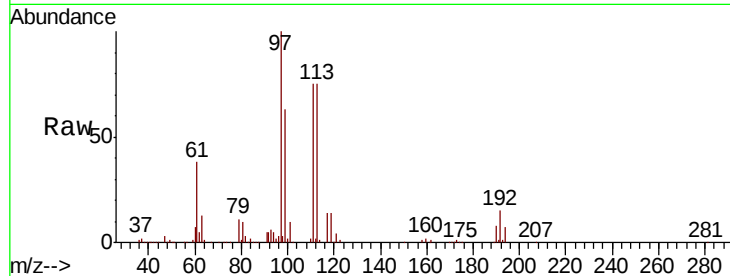
#35
 Dibromofluoromethane
 Concen: 55.01 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178680		
111	103.0	80.6	121.0	
192	21.4	18.3	27.5	

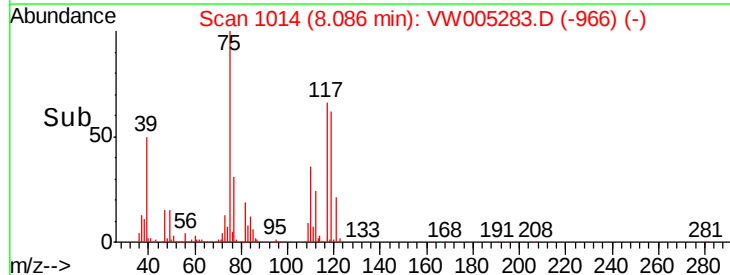
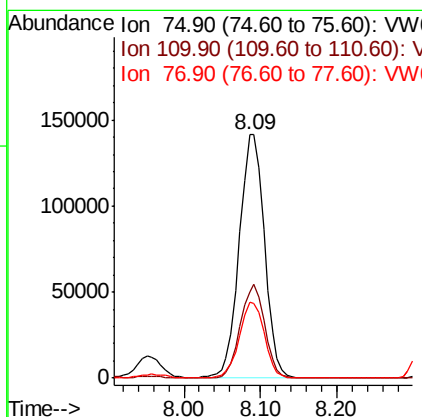
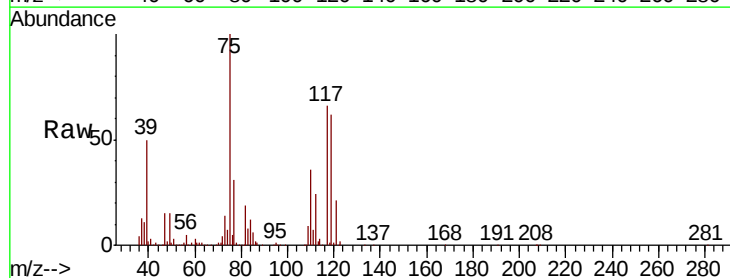
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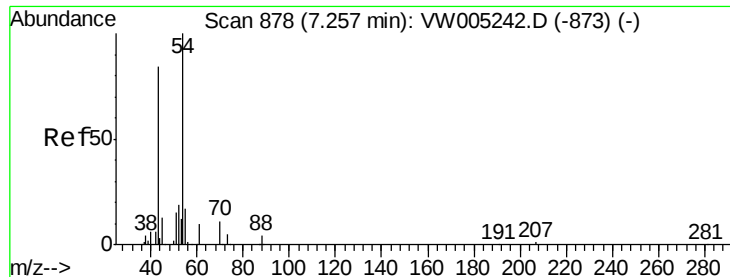
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#36
 1,1-Dichloropropene
 Concen: 57.08 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	324287		
110	37.2	18.8	56.4	
77	31.0	24.9	37.3	





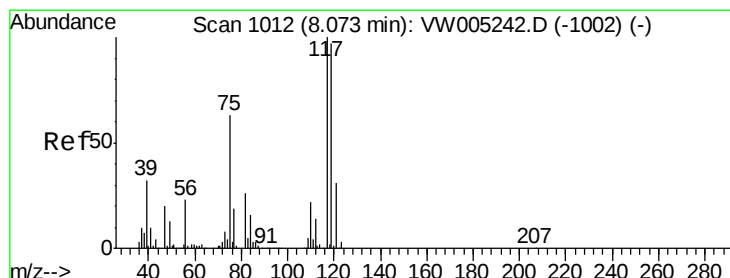
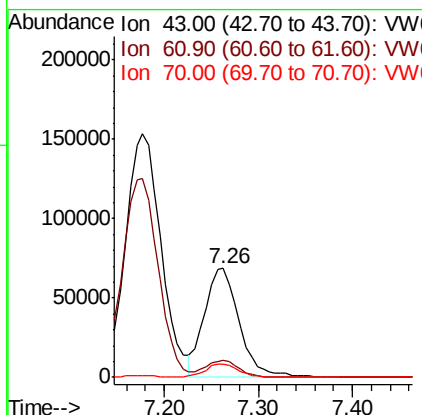
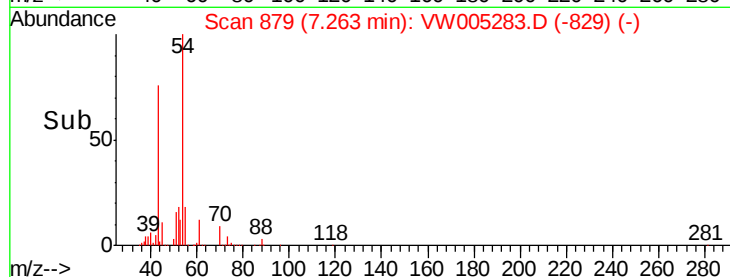
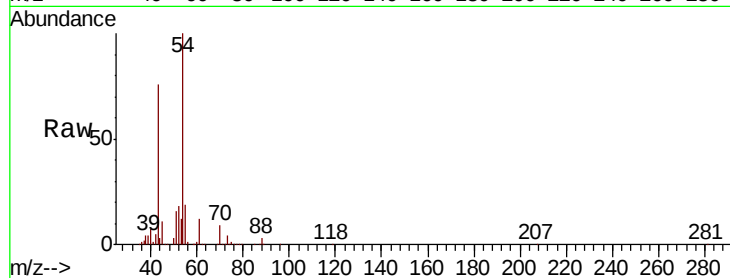
#37
Ethyl Acetate
Concen: 80.81 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.3	18.5
70	12.1	9.5	14.3

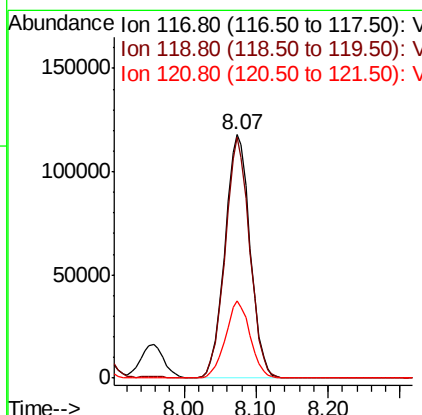
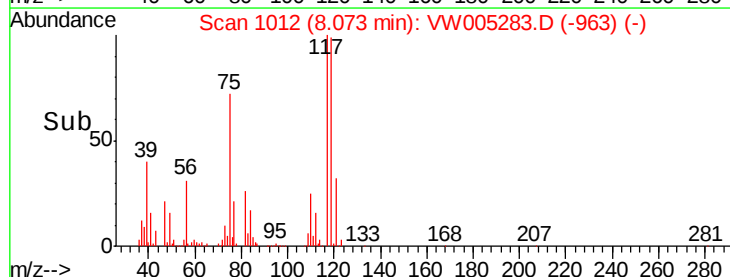
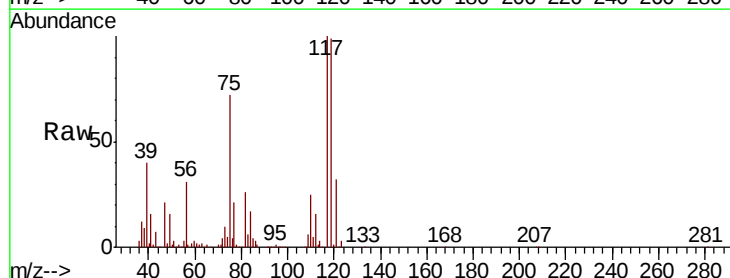
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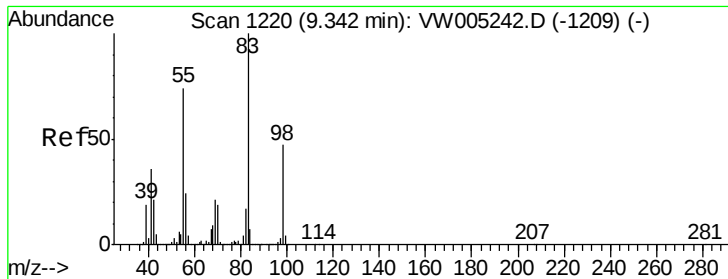
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#38
Carbon Tetrachloride
Concen: 53.84 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.5	116.3
121	31.8	24.7	37.1





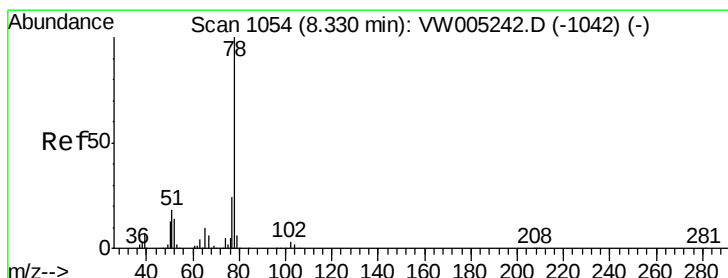
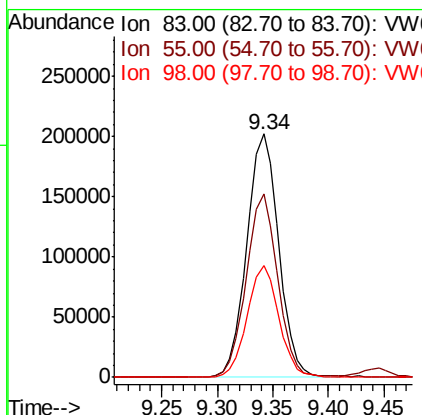
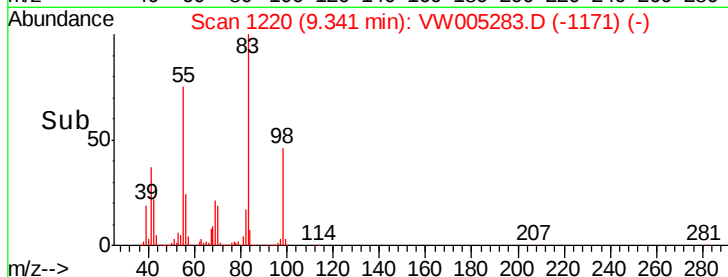
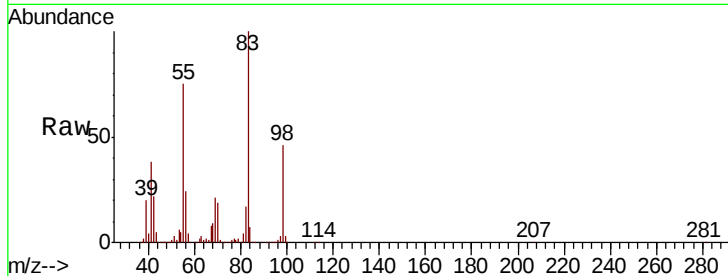
#39
Methvlcvclohexane
Concen: 53.74 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	58.9	88.3
98	46.1	37.6	56.4

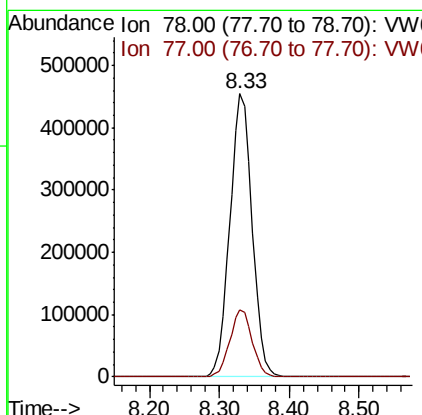
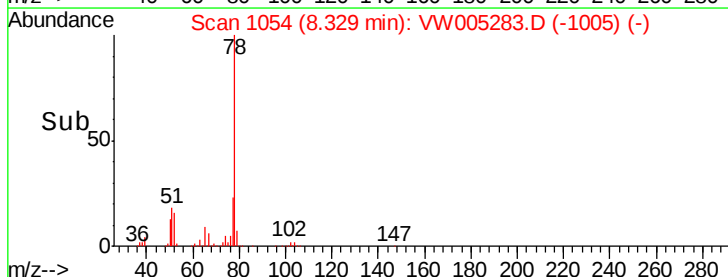
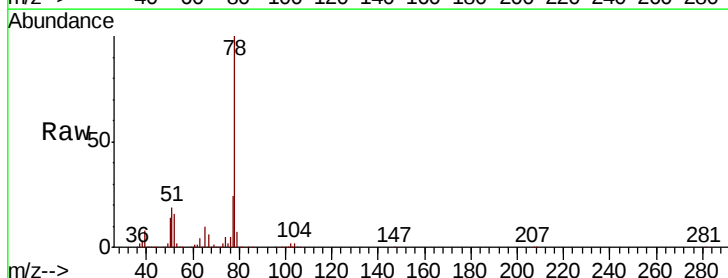
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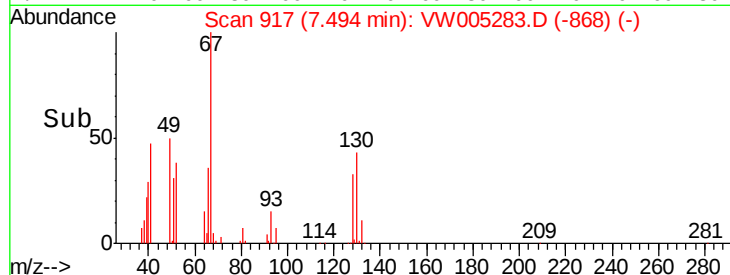
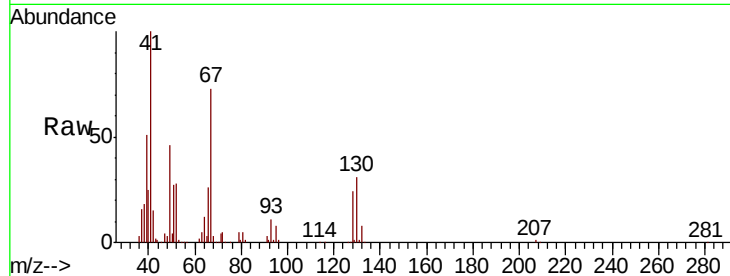
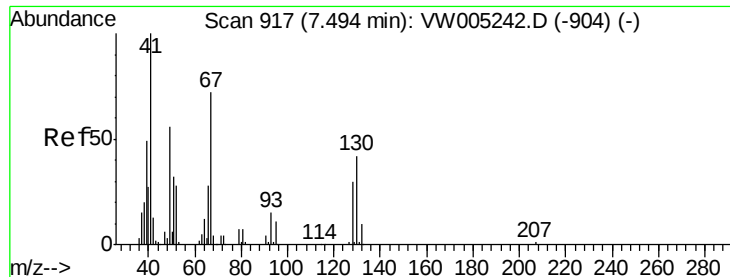
apatel
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#40
Benzene
Concen: 60.03 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





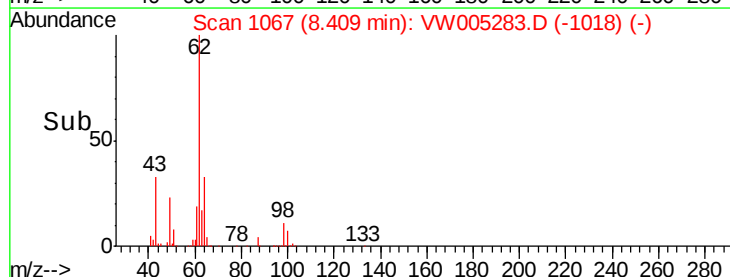
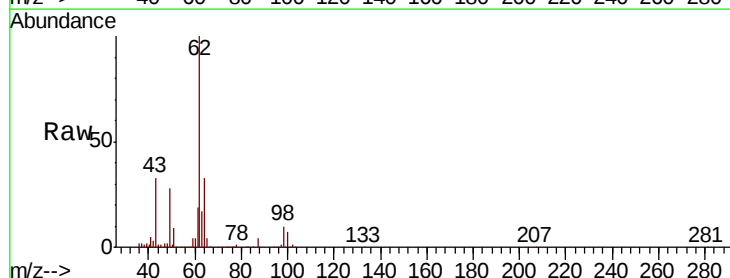
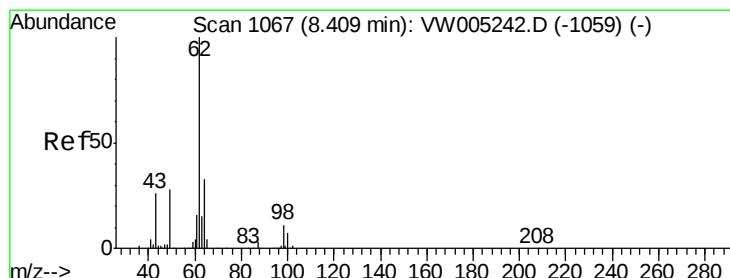
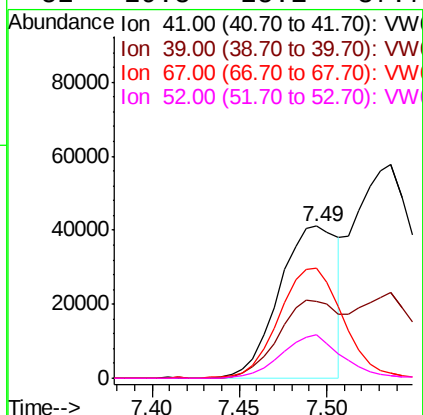
#41
Methacrylonitrile
Concen: 86.60 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		96010		
39	57.1	39.9	59.9		
67	78.6	65.7	98.5		
52	29.8	25.1	37.7		

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

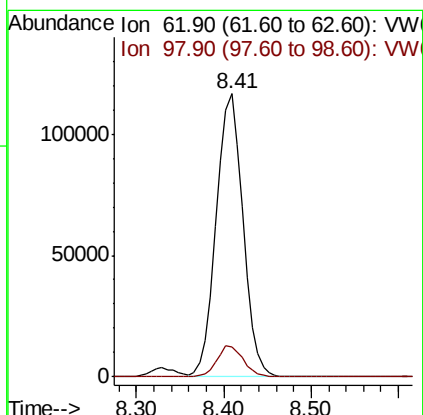
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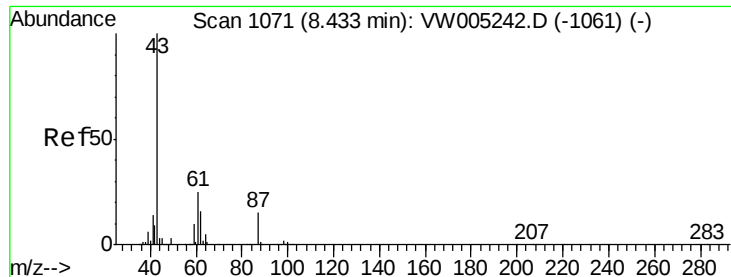
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#42
1,2-Dichloroethane
Concen: 61.86 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		247695		
98	10.8	0.0	22.0		





#43

Isopropyl Acetate

Concen: 81.26 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

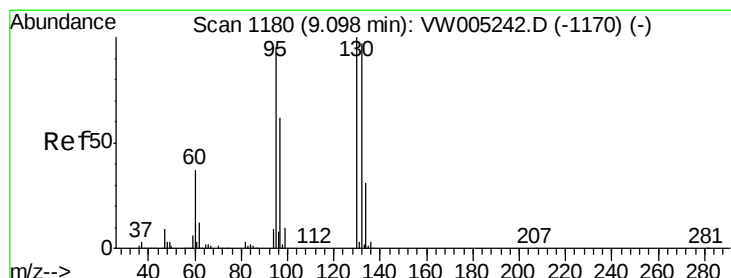
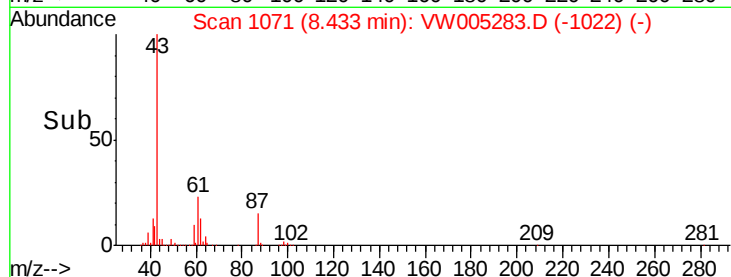
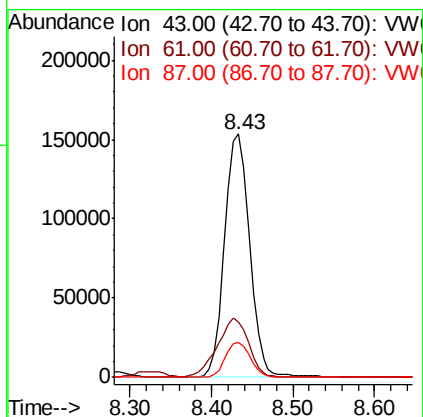
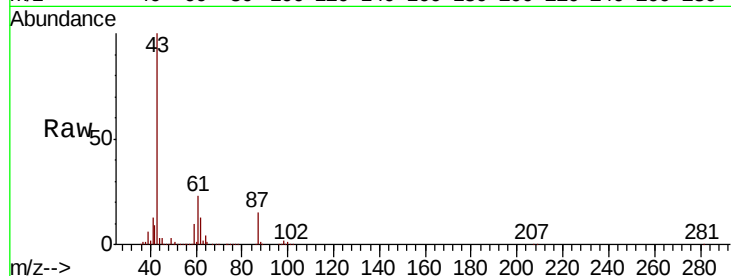
ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	43	Resp:	326088
Ion	Ratio	Lower	Upper
43	100		
61	30.2	25.4	38.0
87	14.5	11.9	17.9

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#44

Trichloroethene

Concen: 56.21 ug/l

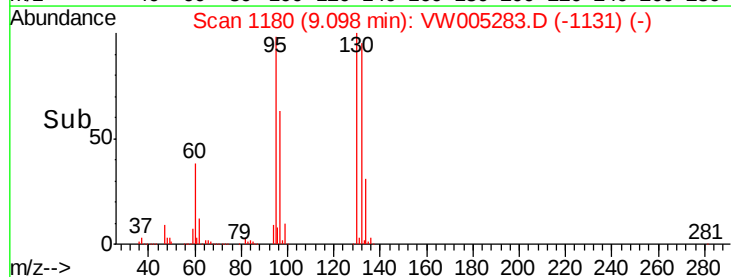
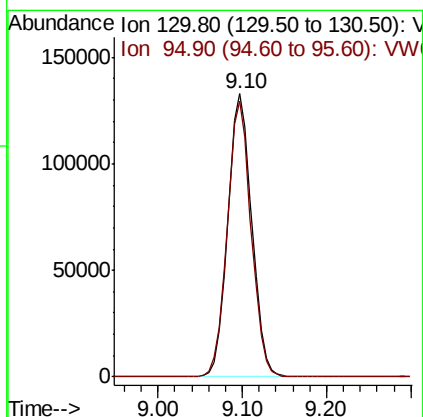
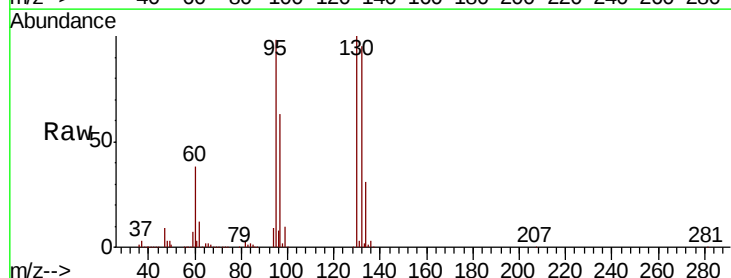
RT: 9.10 min Scan# 1180

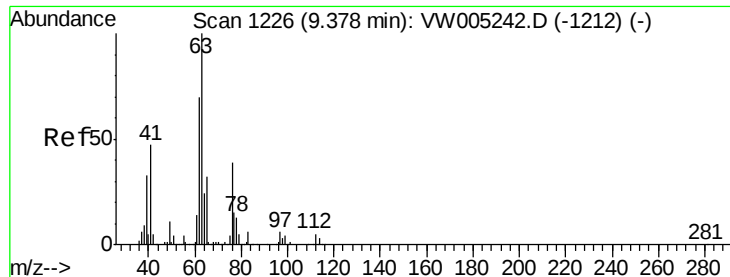
Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	130	Resp:	258089
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	189.6





#45

1,2-Dichloropropane

Concen: 61.80 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 63 Resp: 248643

Ion Ratio Lower Upper

63 100

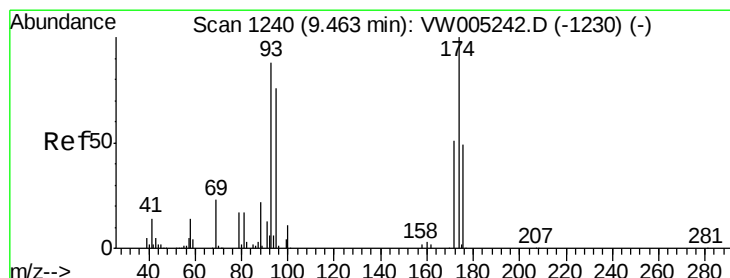
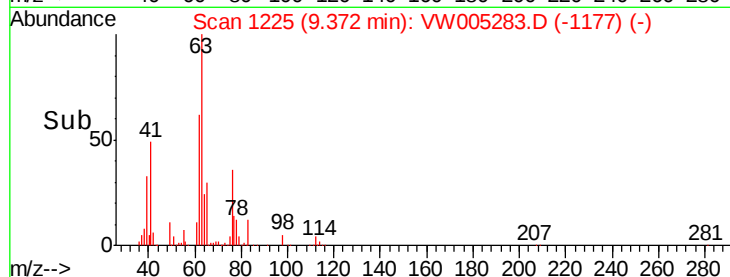
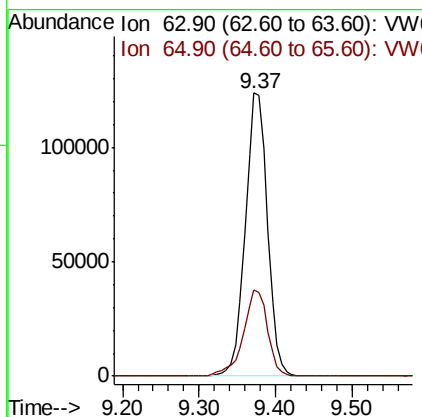
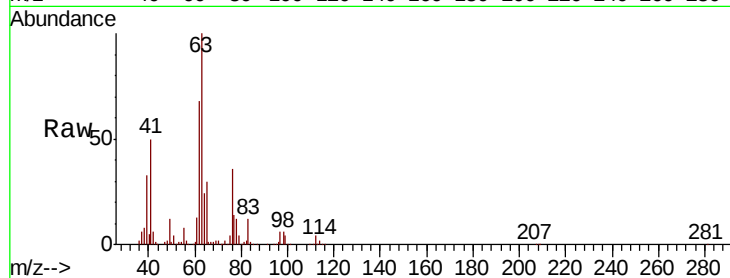
65 30.3 25.4 38.2

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#46

Dibromomethane

Concen: 61.92 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

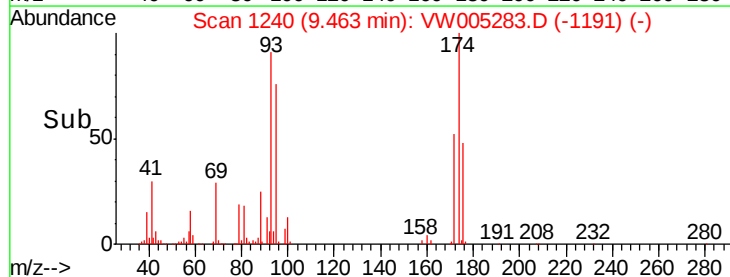
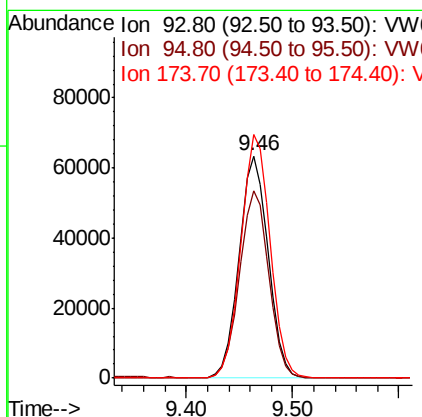
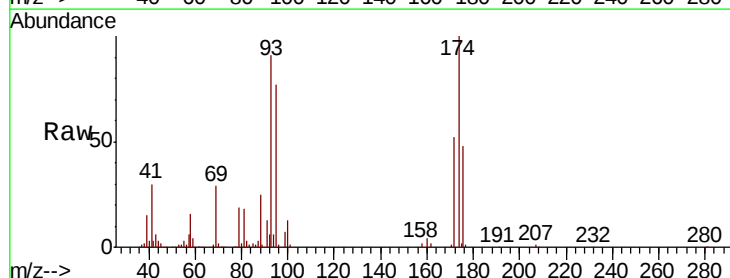
Tgt Ion: 93 Resp: 121942

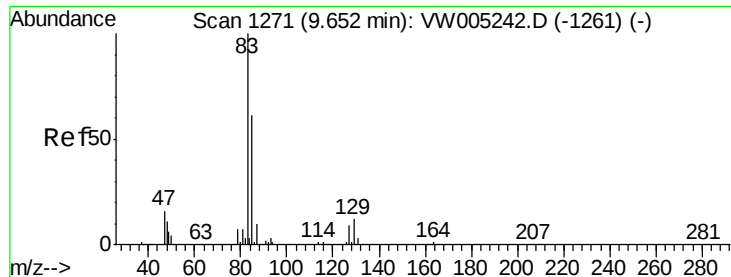
Ion Ratio Lower Upper

93 100

95 85.0 67.0 100.4

174 110.4 92.2 138.2





#47

Bromodichloromethane

Concen: 58.79 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

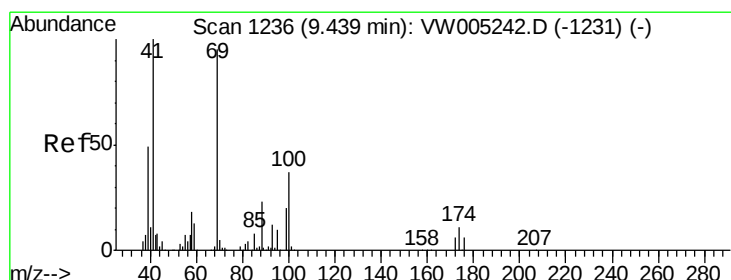
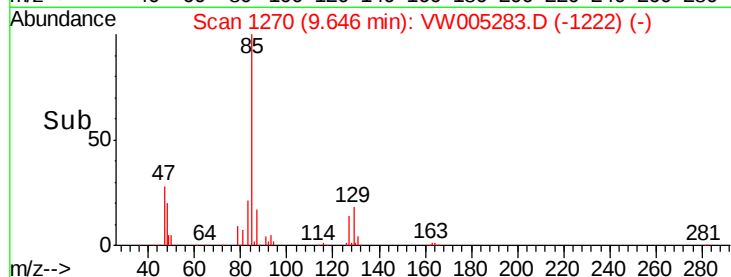
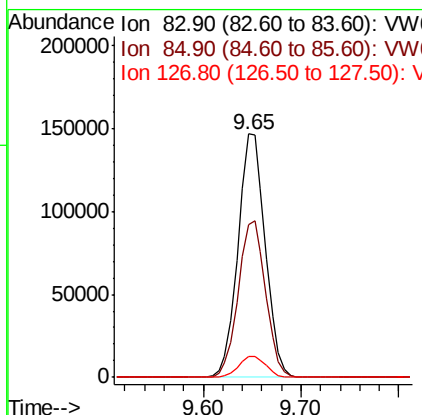
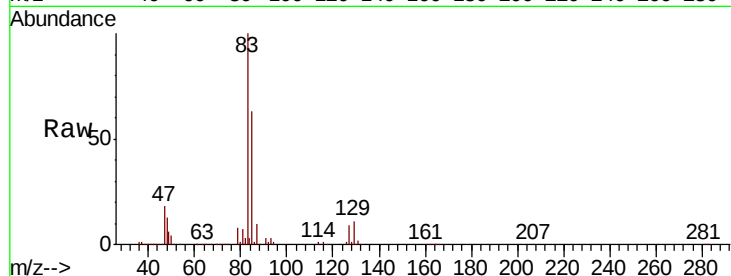
ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	83	Resp:	283212
Ion Ratio	Lower	Upper	
83	100		
85	62.8	49.0	73.6
127	8.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 77.84 ug/l

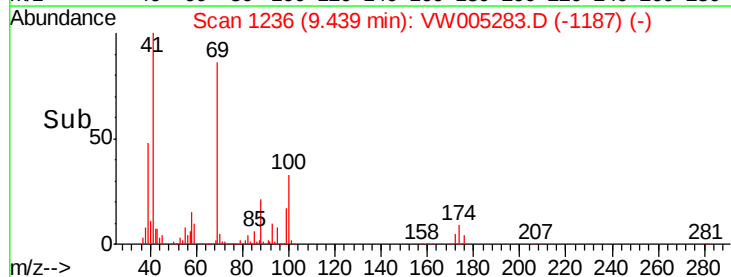
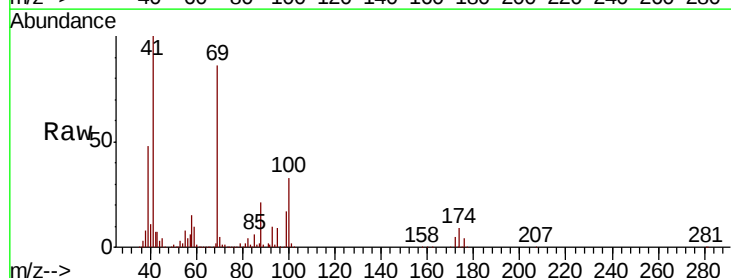
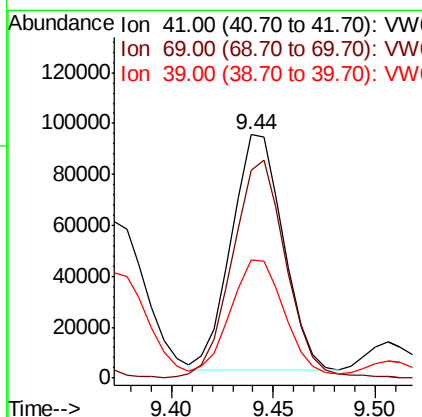
RT: 9.44 min Scan# 1236

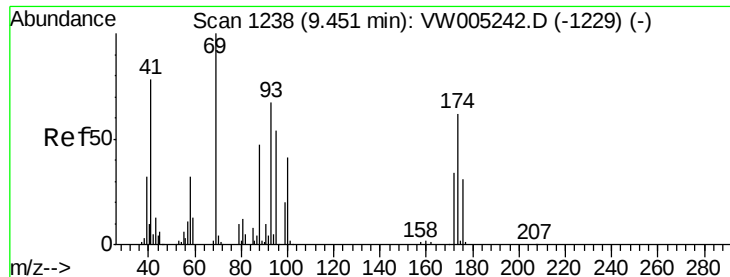
Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	41	Resp:	162197
Ion Ratio	Lower	Upper	
41	100		
69	96.8	74.6	112.0
39	53.7	36.7	55.1





#49

1,4-Dioxane

Concen: 1592.68 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

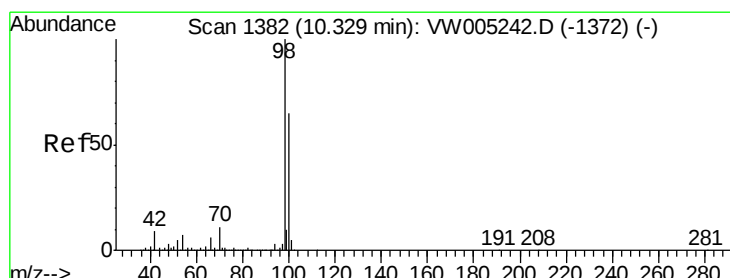
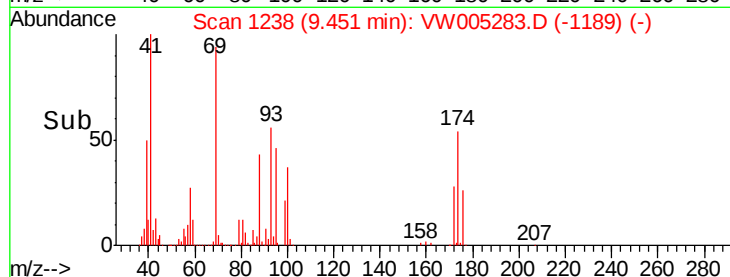
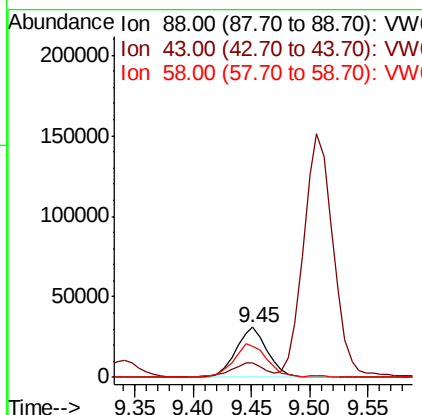
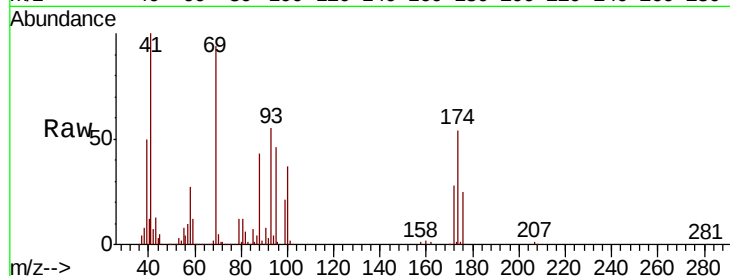
ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	88	Resp:	58558
Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.7	34.1
58	71.1	56.6	85.0

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#50

Toluene-d8

Concen: 54.81 ug/l

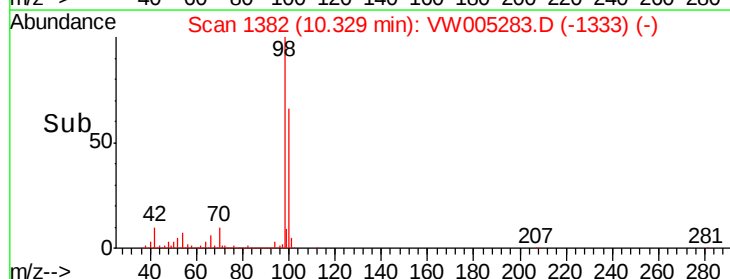
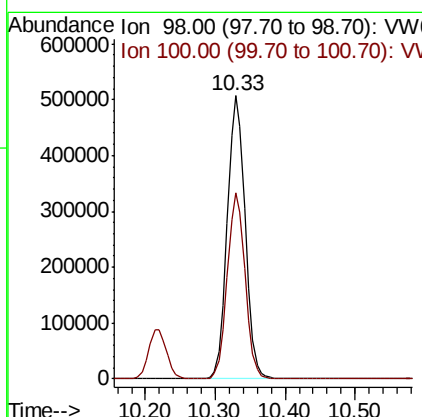
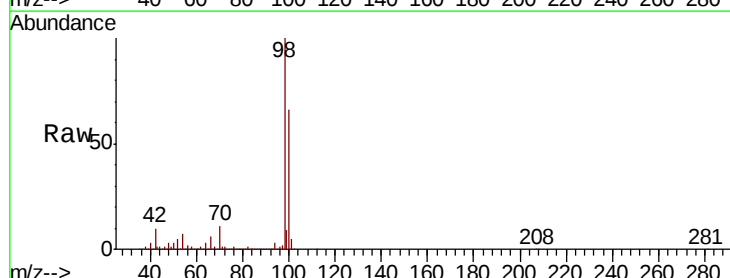
RT: 10.33 min Scan# 1382

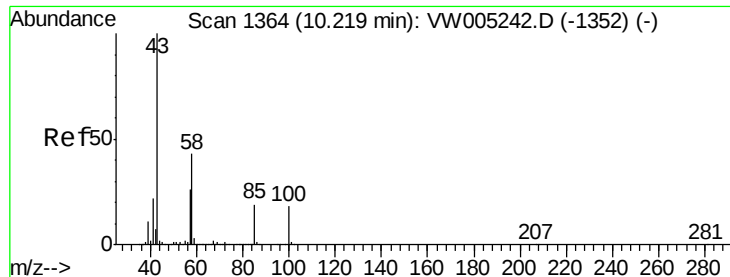
Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	98	Resp:	899721
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 422.36 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 43 Resp: 953784

Ion Ratio Lower Upper

43 100

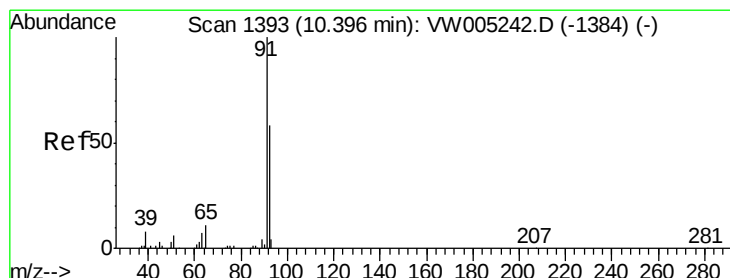
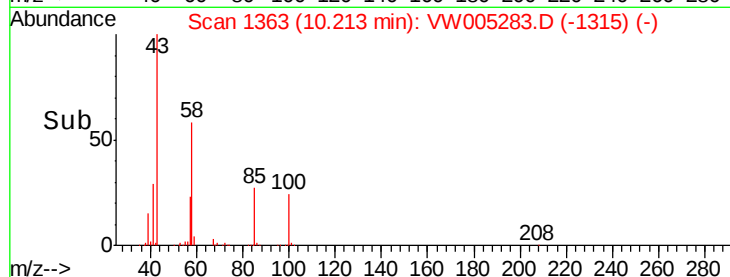
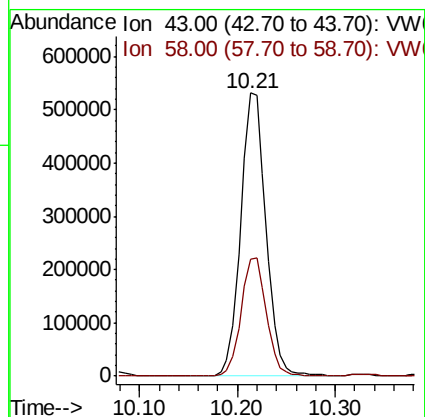
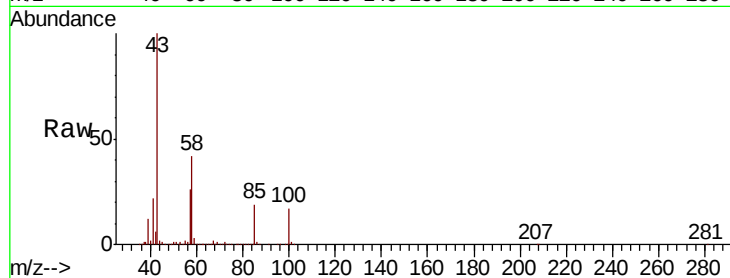
58 42.0 33.8 50.6

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#52

Toluene

Concen: 58.70 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005283.D

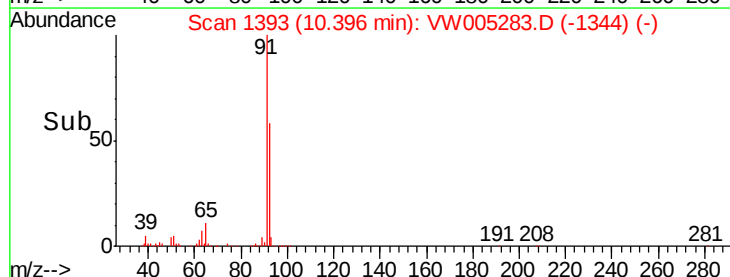
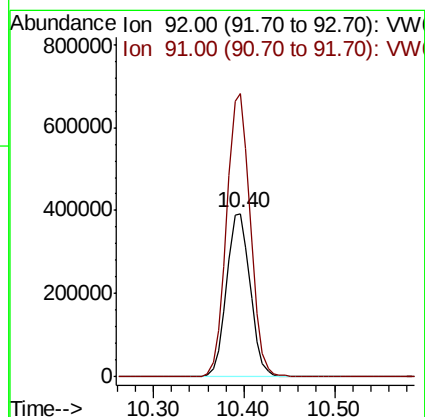
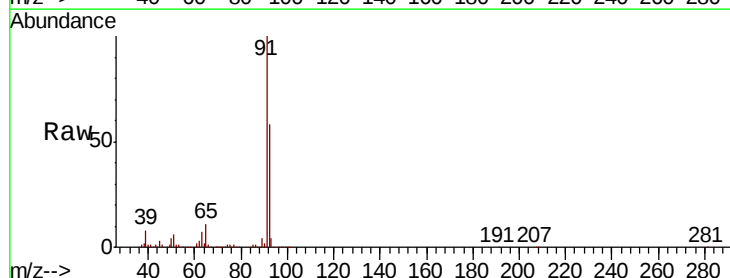
Acq: 11 Sep 2018 18:26

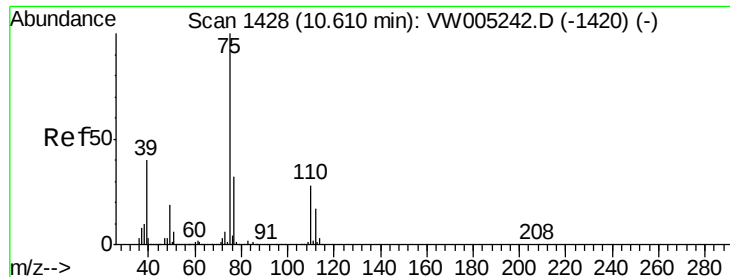
Tgt Ion: 92 Resp: 714035

Ion Ratio Lower Upper

92 100

91 173.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 63.34 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 75 Resp: 329748

Ion Ratio Lower Upper

75 100

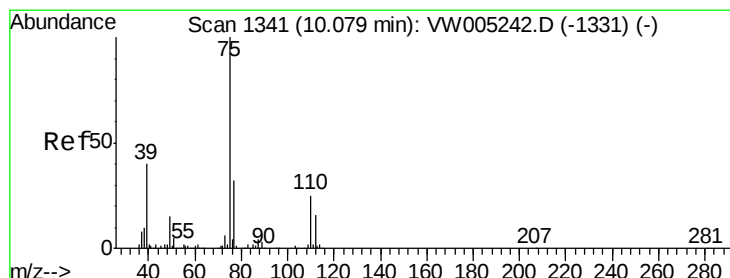
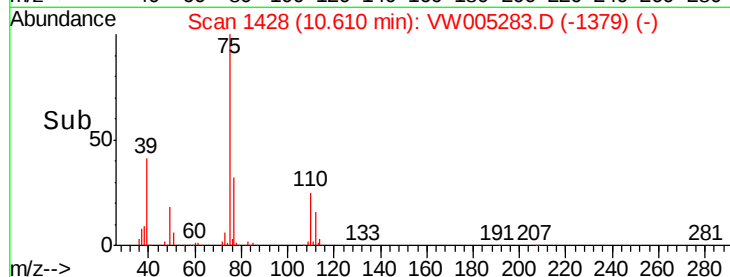
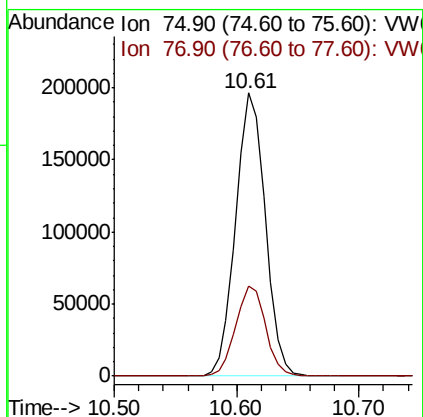
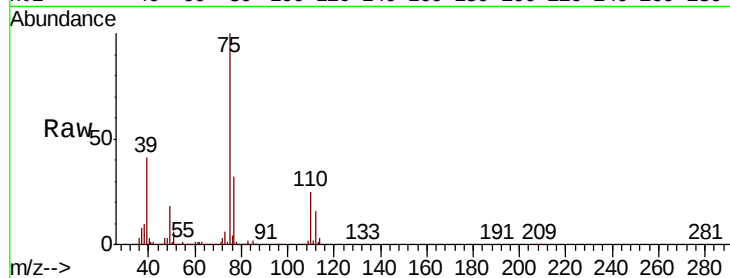
77 31.5 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 60.28 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

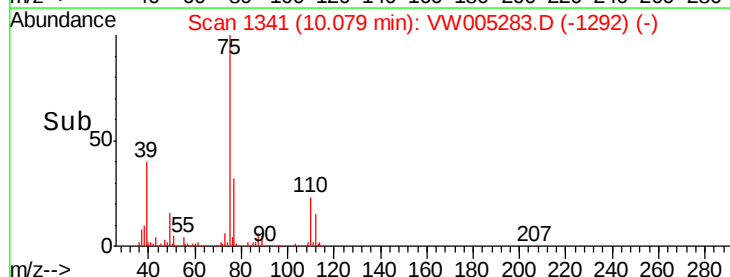
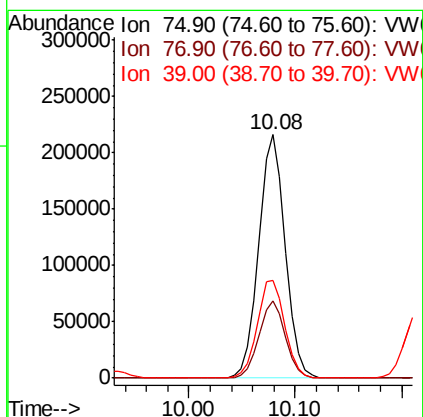
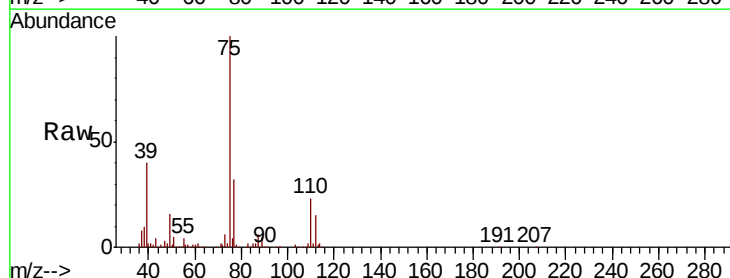
Tgt Ion: 75 Resp: 375785

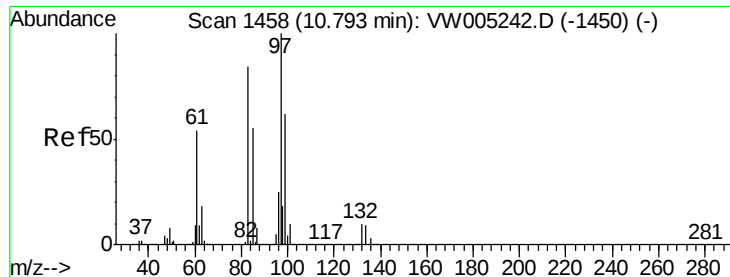
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 40.2 31.8 47.6





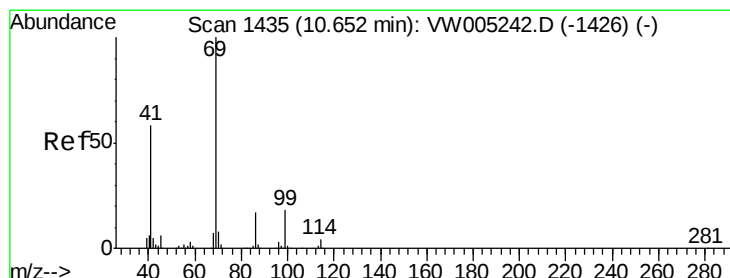
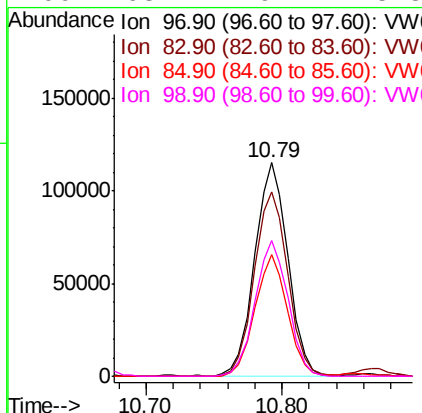
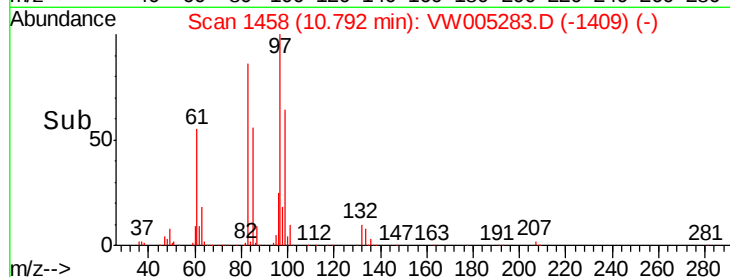
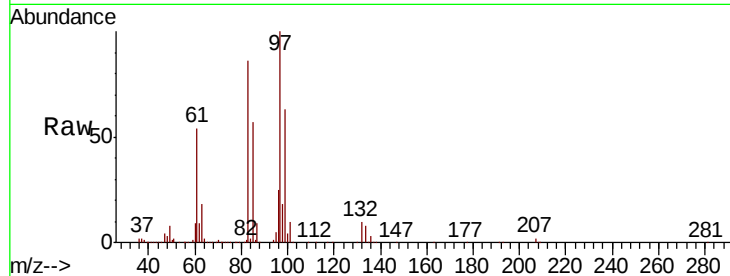
#55
 1,1,2-Trichloroethane
 Concen: 62.80 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion:	97	Resp:	197201
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.2	100.8
85	57.0	44.4	66.6
99	63.4	49.2	73.8

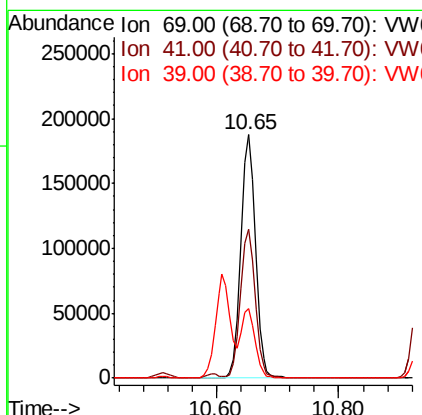
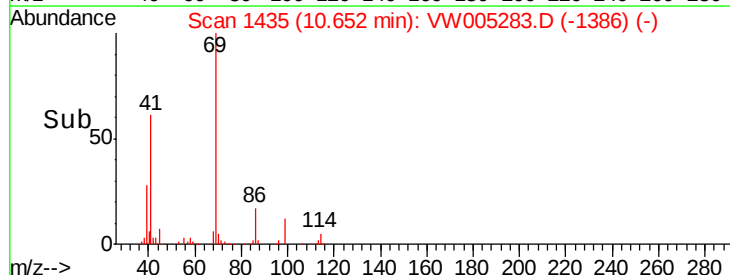
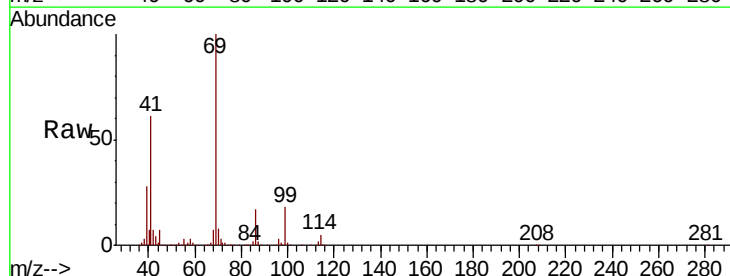
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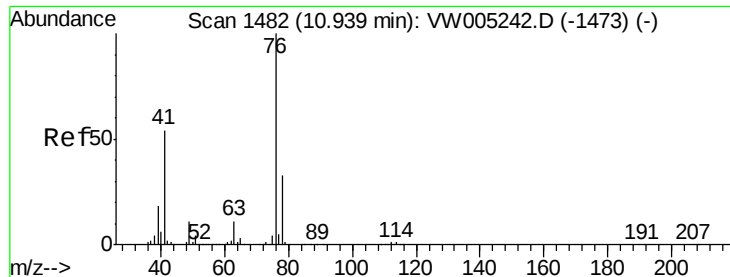
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#56
 Ethyl methacrylate
 Concen: 76.84 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion:	69	Resp:	305857
Ion	Ratio	Lower	Upper
69	100		
41	61.1	48.7	73.1
39	26.4	20.9	31.3





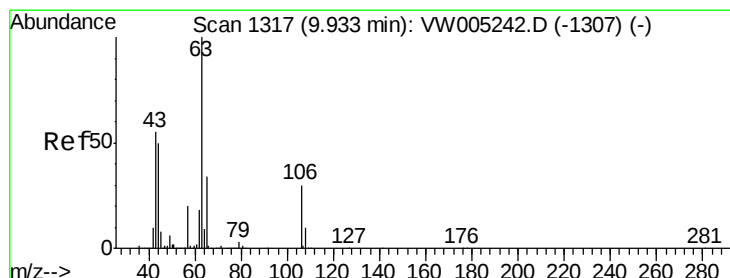
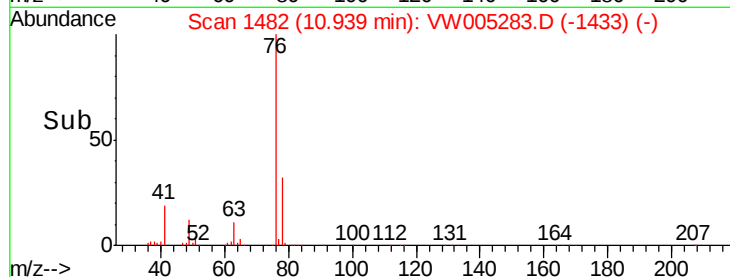
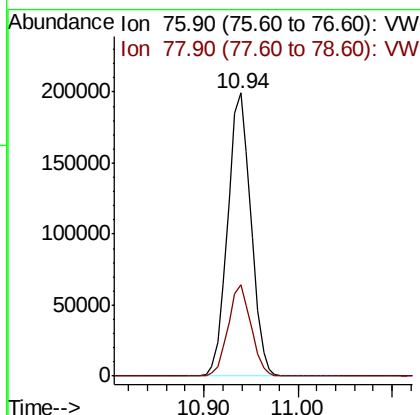
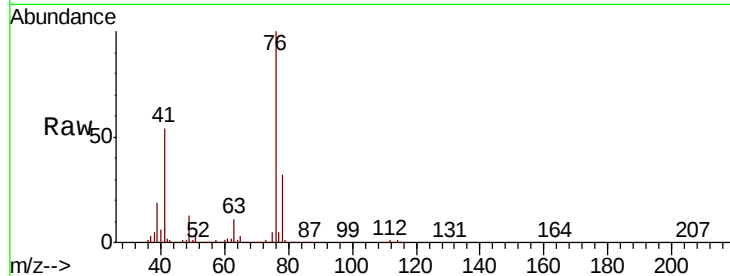
#57
 1,3-Dichloropropane
 Concen: 65.40 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion: 76 Resp: 340978
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0

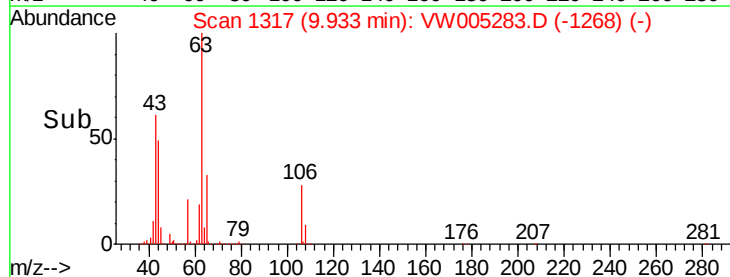
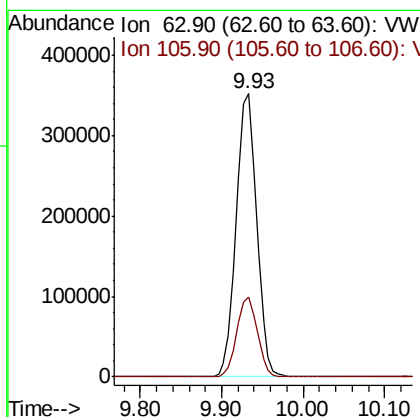
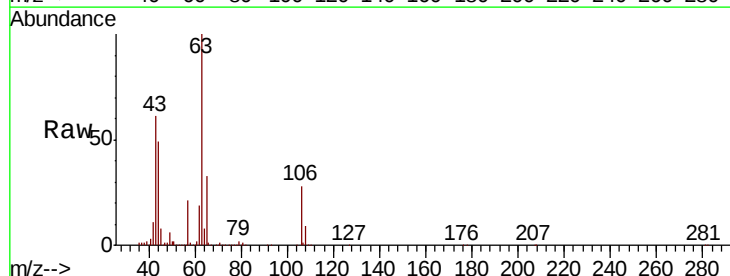
Manual Integrations
 APPROVED

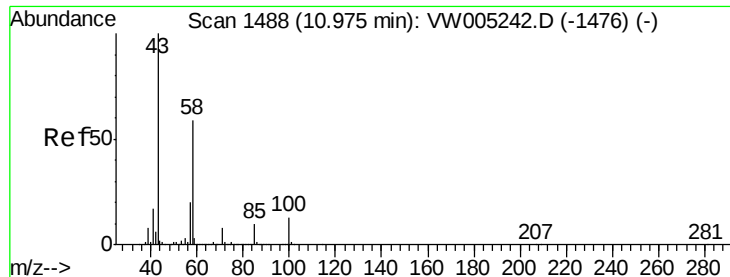
apatel
 9/12/2018 11:13:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 351.03 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion: 63 Resp: 607335
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.4 35.0





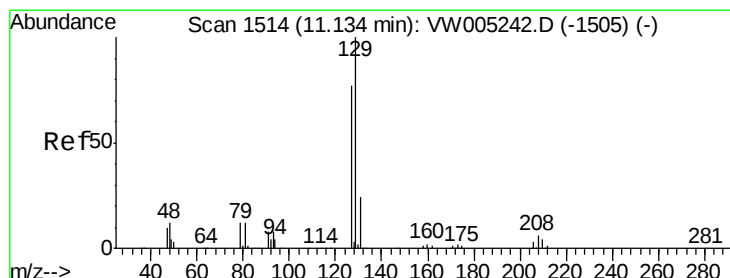
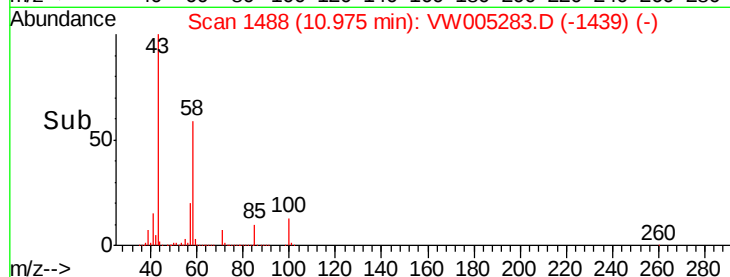
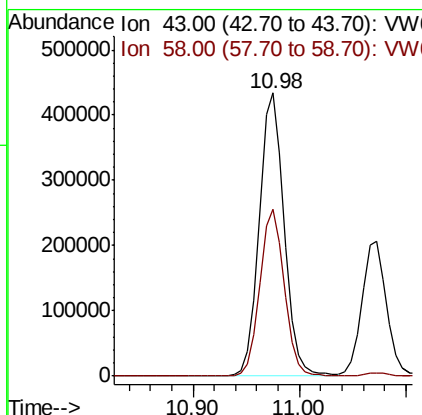
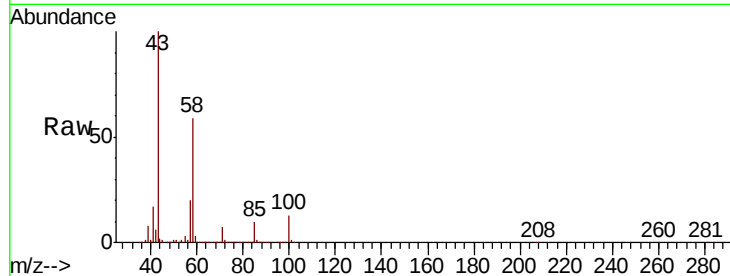
#59
2-Hexanone
Concen: 439.09 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.8	29.3	87.9

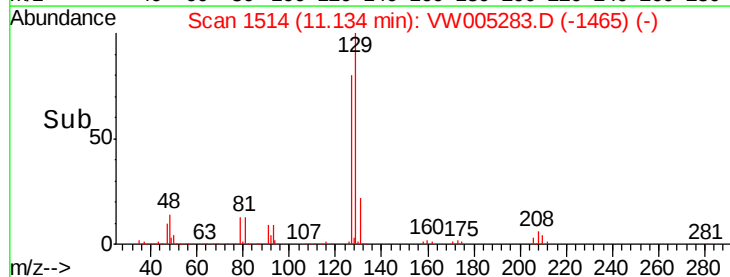
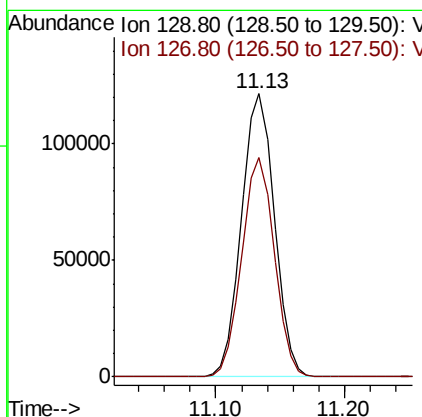
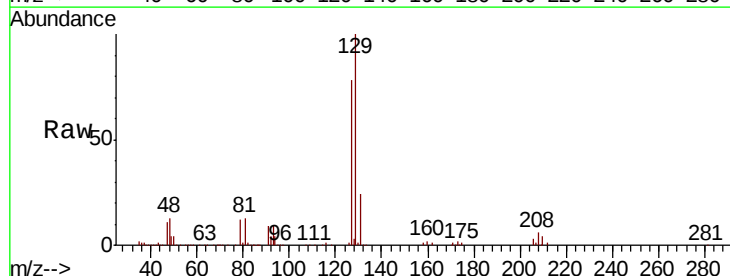
Manual Integrations
APPROVED

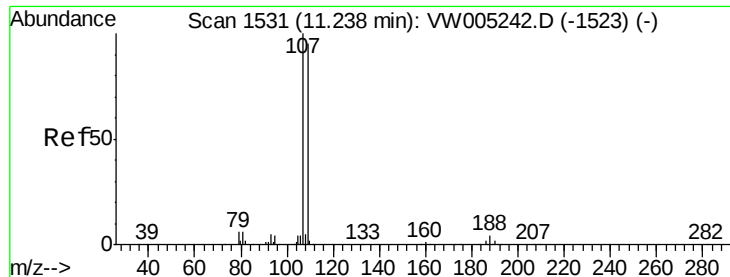
apatel
9/12/2018 11:13:34 AM



#60
Dibromochloromethane
Concen: 61.72 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.0	117.0





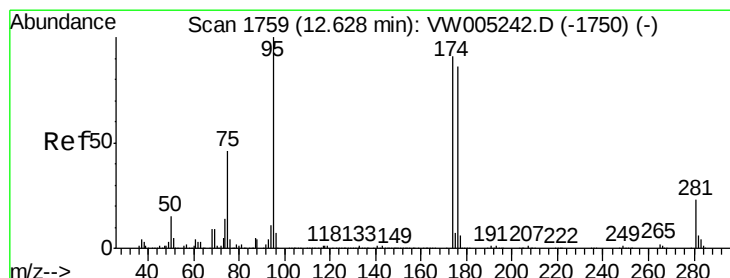
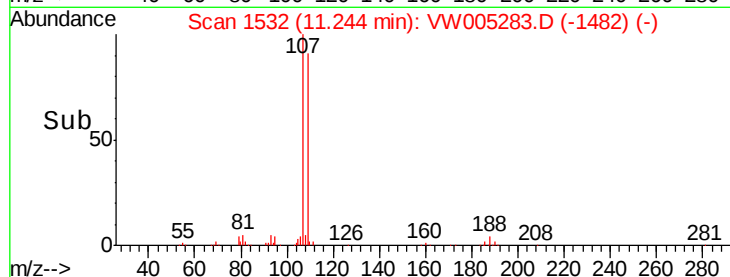
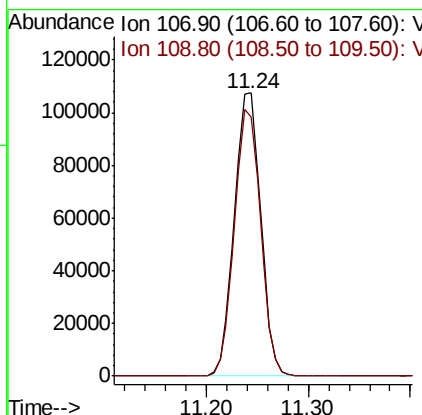
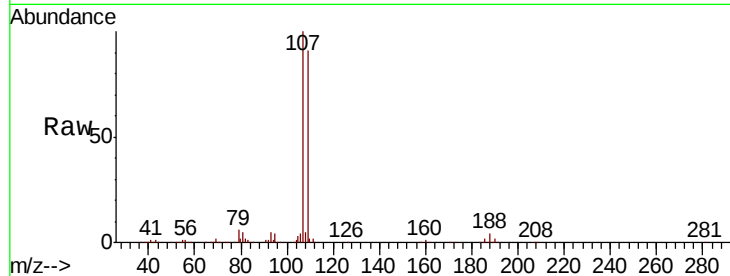
#61
 1,2-Dibromoethane
 Concen: 66.72 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.7	113.5

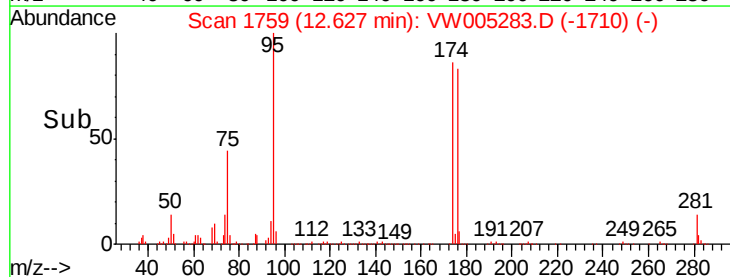
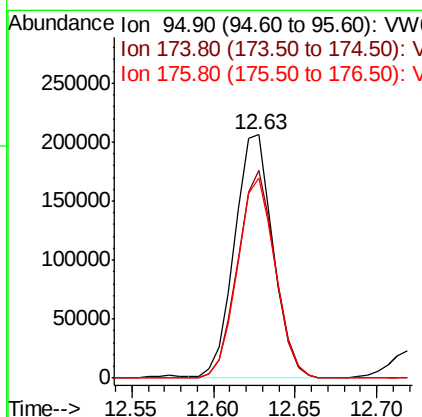
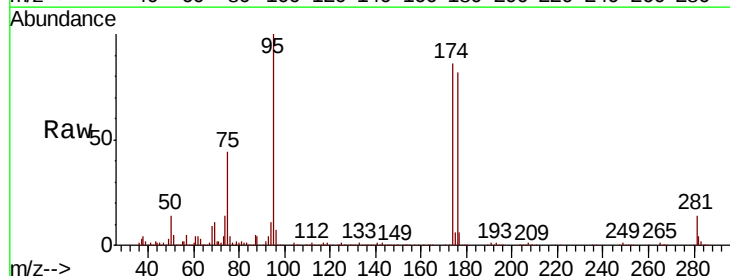
Manual Integrations
 APPROVED

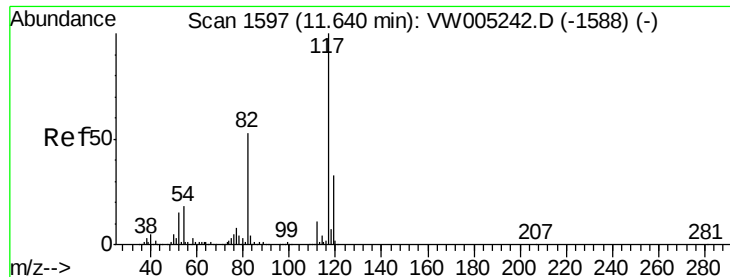
apatel
 9/12/2018 11:13:34 AM



#62
 4-Bromofluorobenzene
 Concen: 56.26 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	174.6
176	81.2	0.0	167.6





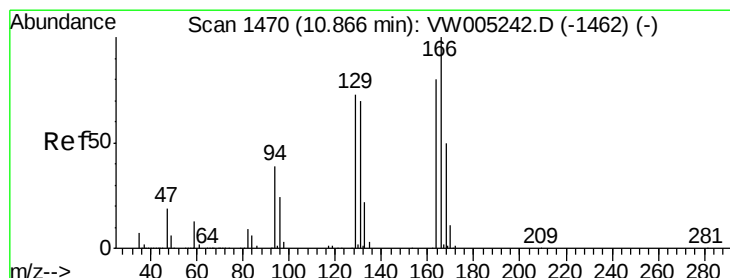
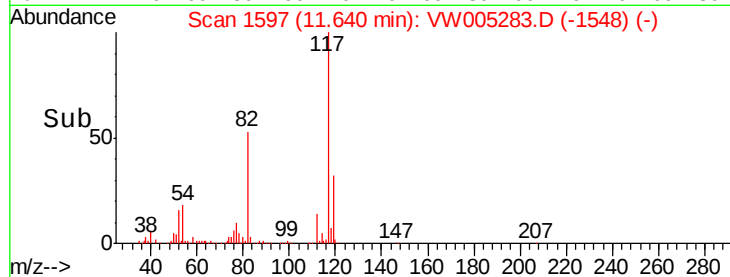
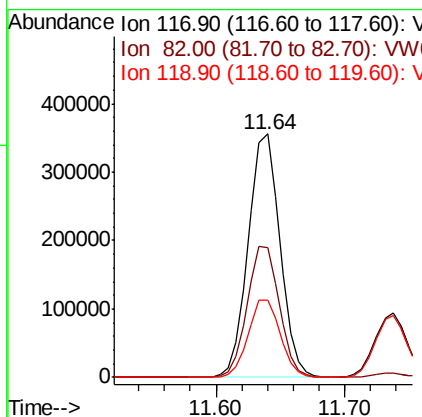
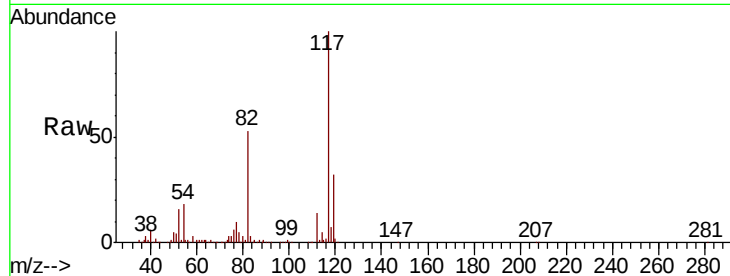
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	605931		
82	53.3		42.6	63.8
119	31.6		26.2	39.4

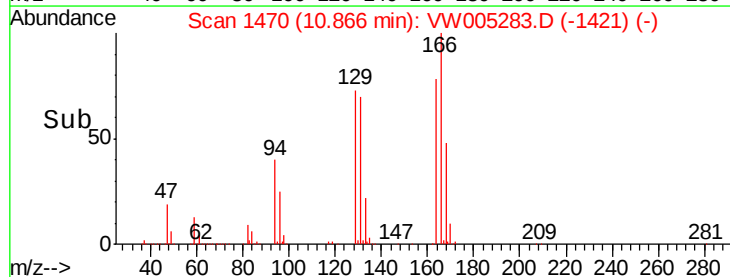
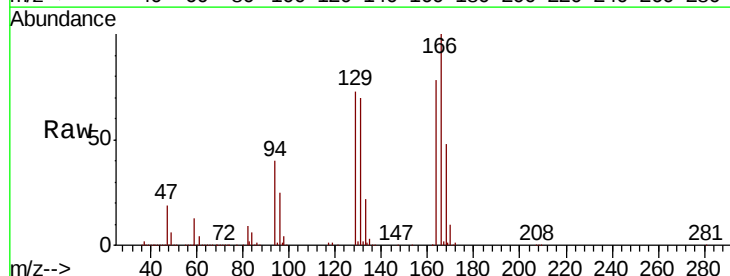
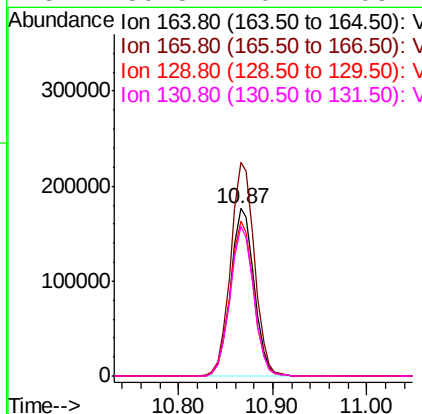
Manual Integrations
APPROVED

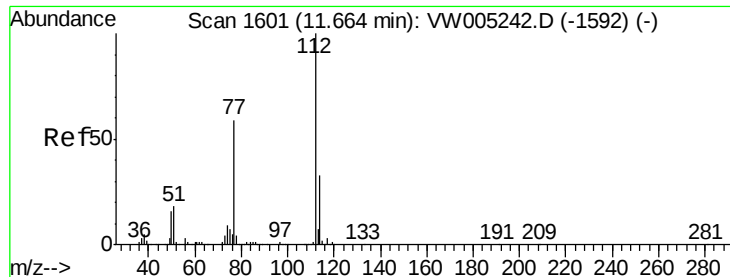
apatel
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#64
Tetrachloroethene
Concen: 67.86 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	305058		
166	127.6		100.2	150.2
129	92.8		73.2	109.8
131	89.8		70.2	105.4





#65

Chlorobenzene

Concen: 57.87 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:112 Resp: 768198

Ion Ratio Lower Upper

112 100

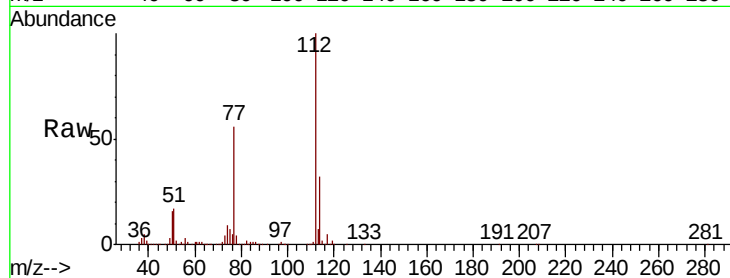
114 31.7 26.2 39.4

Manual Integrations

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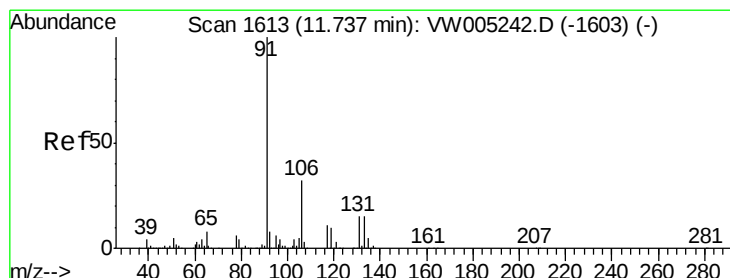
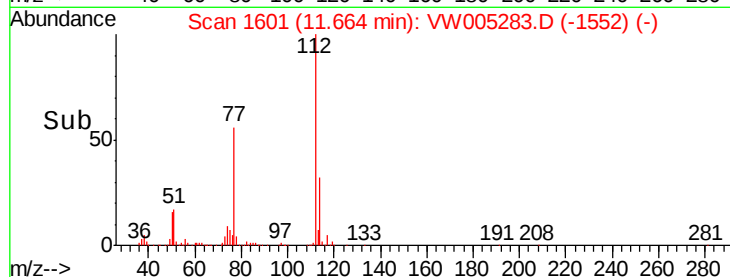
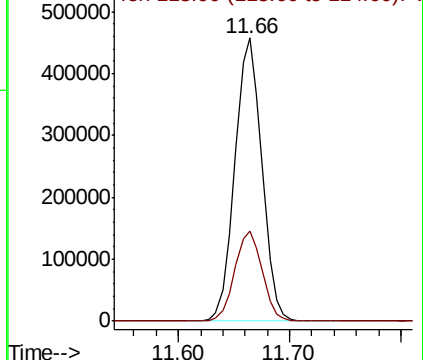
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.88 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

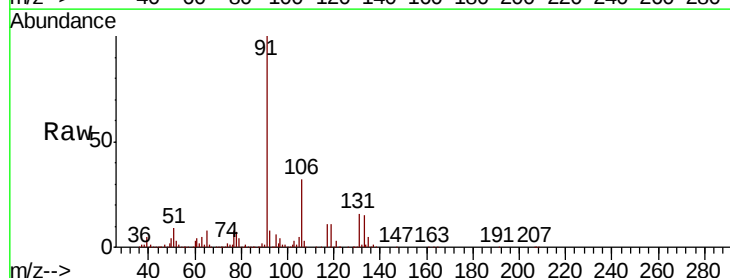
Tgt Ion:131 Resp: 229410

Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.3

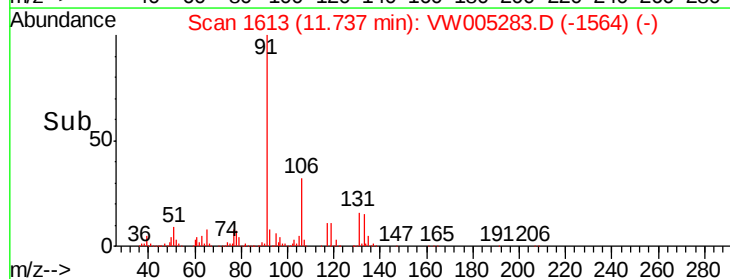
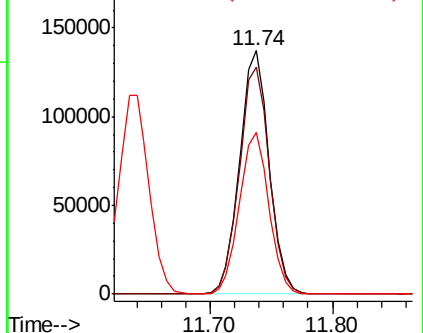
119 66.7 33.4 100.1

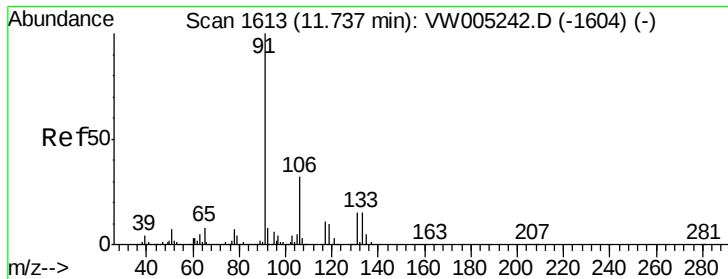


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





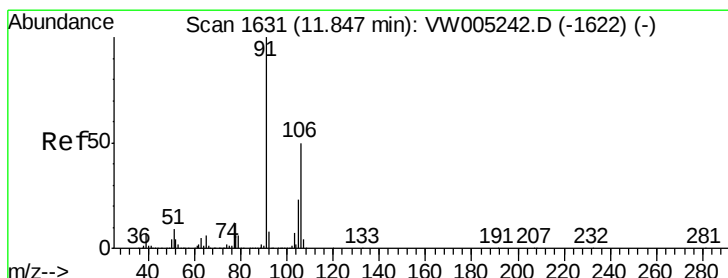
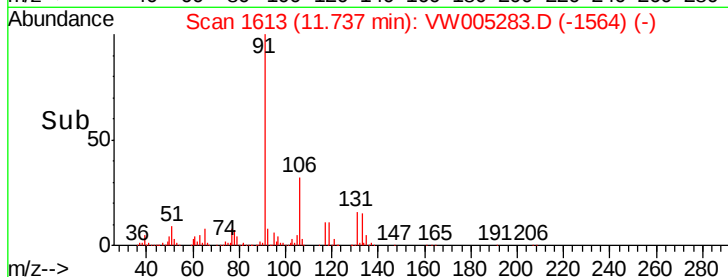
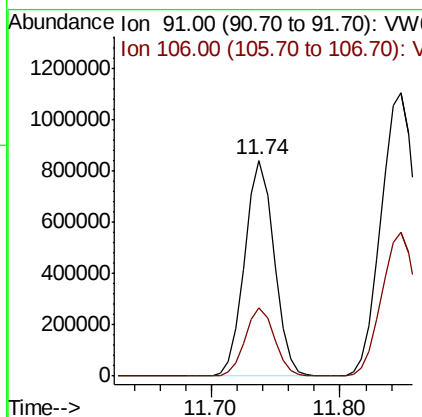
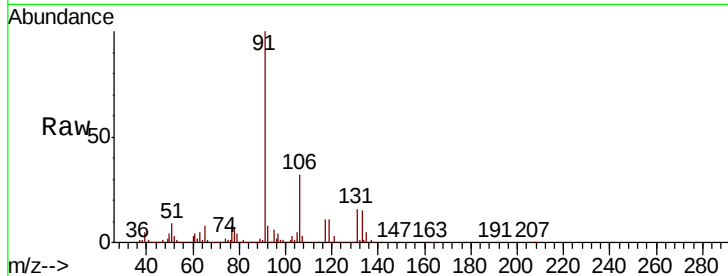
#67
Ethyl Benzene
Concen: 57.60 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion: 91 Resp: 1331557
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

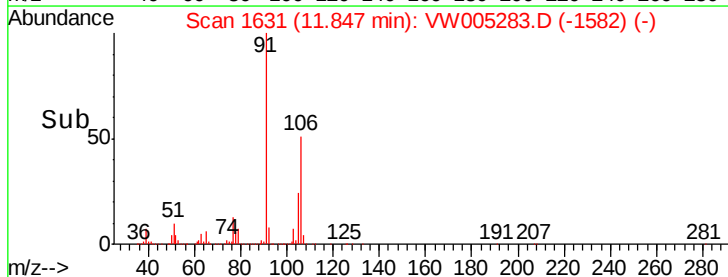
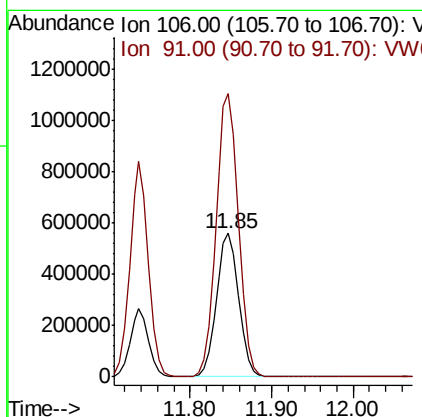
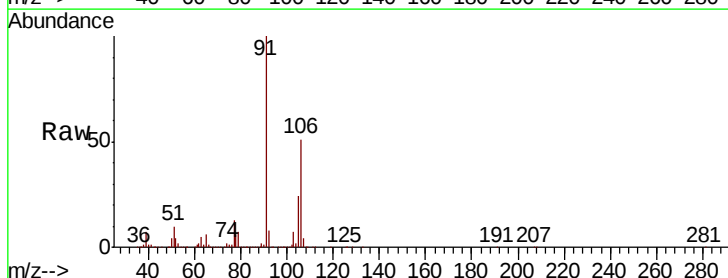
Manual Integrations
APPROVED

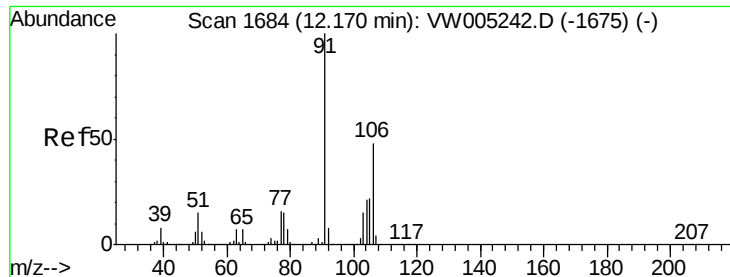
apatel
9/12/2018 11:13:34 AM



#68
m/p-Xylenes
Concen: 113.63 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion: 106 Resp: 1058521
Ion Ratio Lower Upper
106 100
91 198.8 160.2 240.2





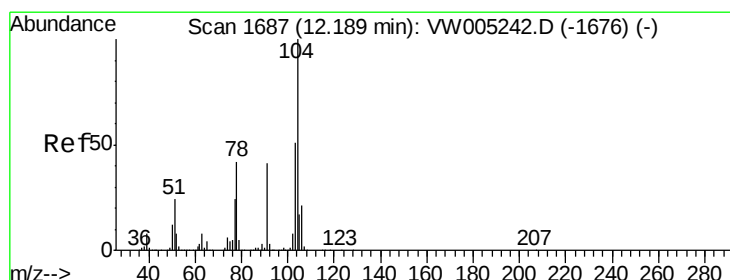
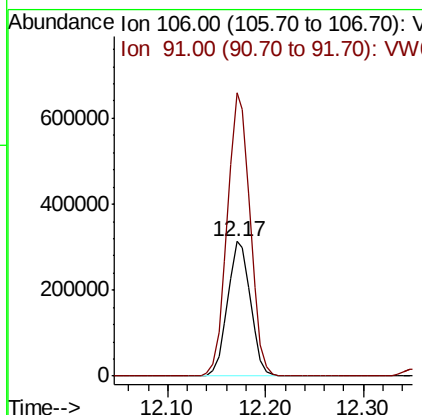
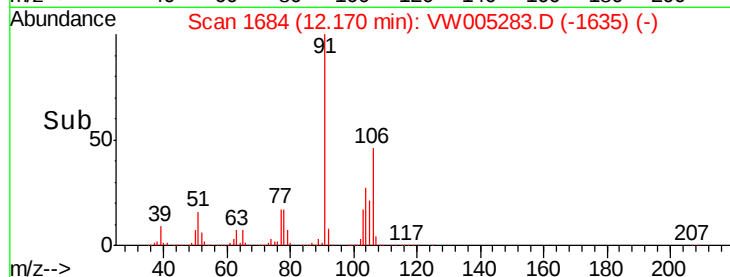
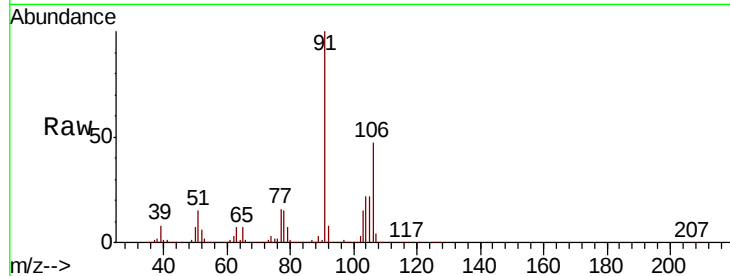
#69
o-Xylene
Concen: 58.57 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	104.1	312.3

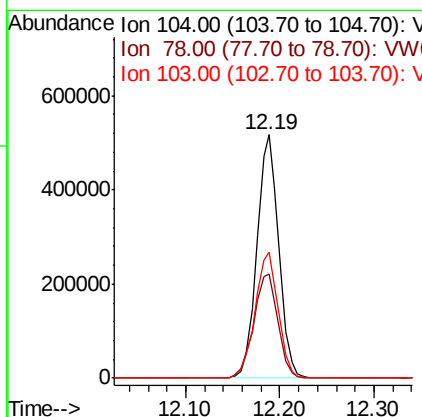
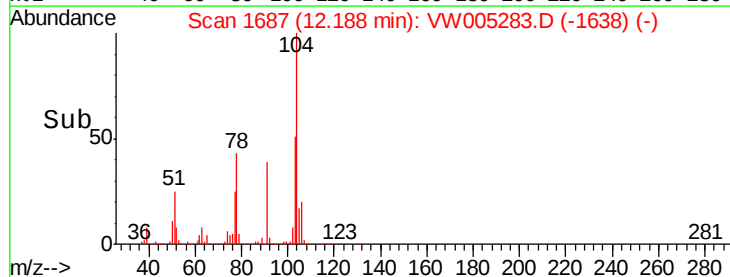
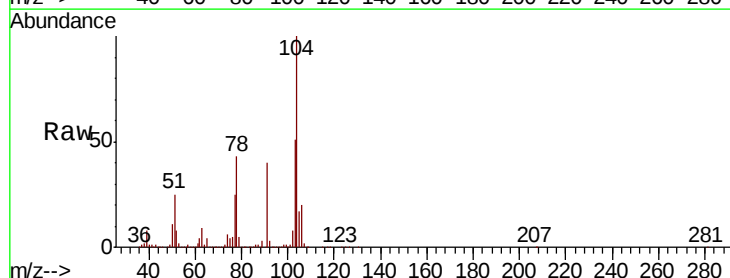
Manual Integrations
APPROVED

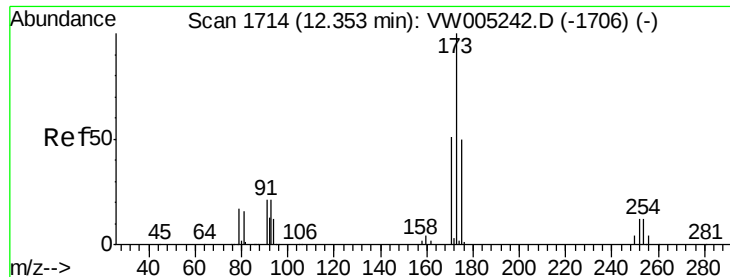
apatel
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#70
Styrene
Concen: 59.50 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.4	56.2
103	55.2	44.1	66.1





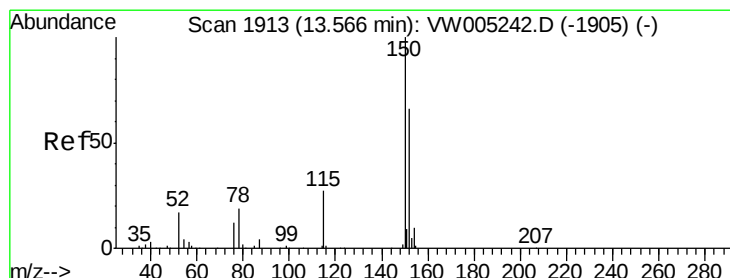
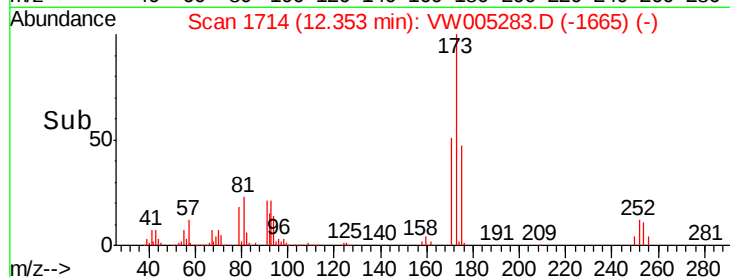
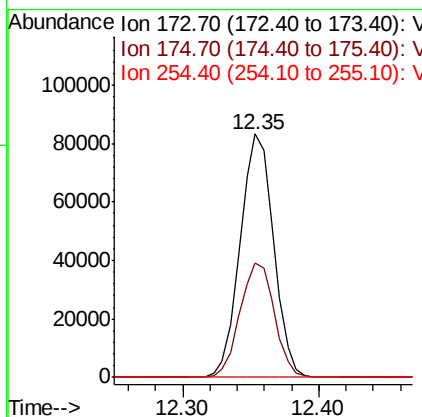
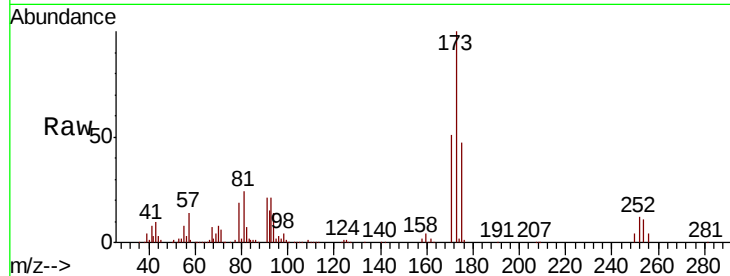
#71
Bromoform
Concen: 66.58 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1#

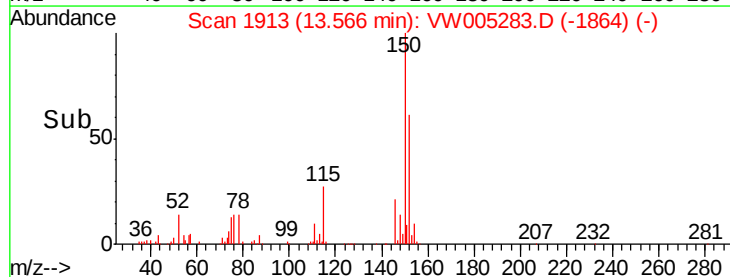
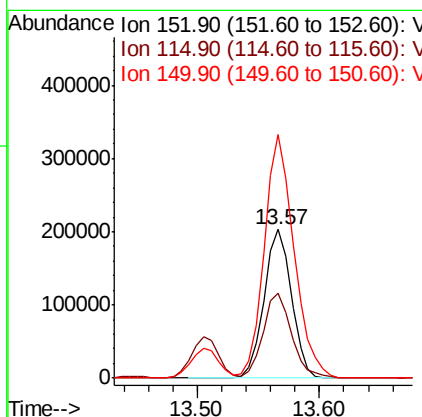
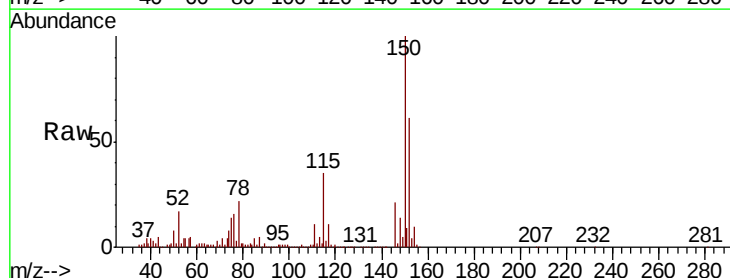
Manual Integrations
APPROVED

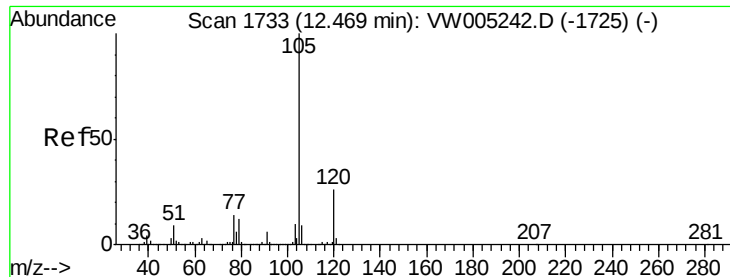
apatel
9/12/2018 11:13:34 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	27.5	82.4
150	177.3	0.0	347.4





#73

Isopropylbenzene

Concen: 59.34 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:105 Resp: 1330780

Ion Ratio Lower Upper

105 100

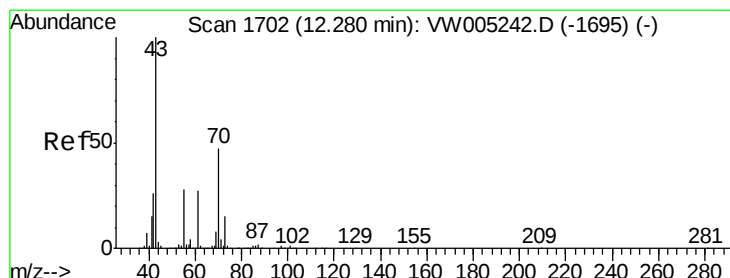
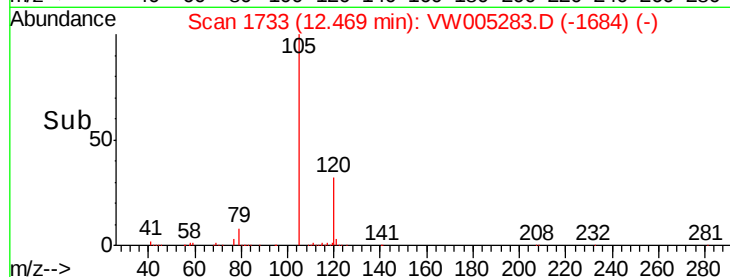
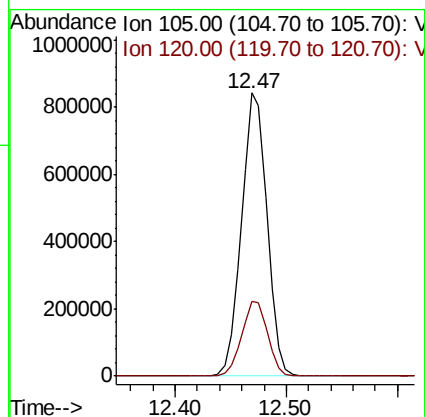
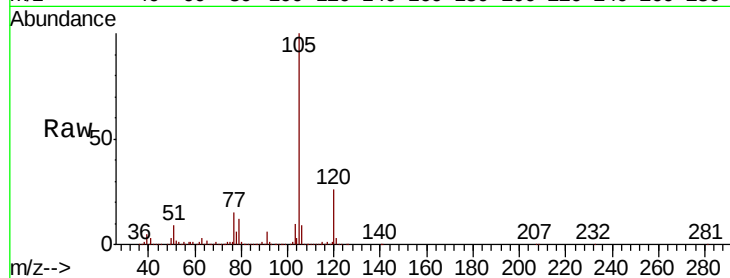
120 26.8 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 91.37 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion: 43 Resp: 389882

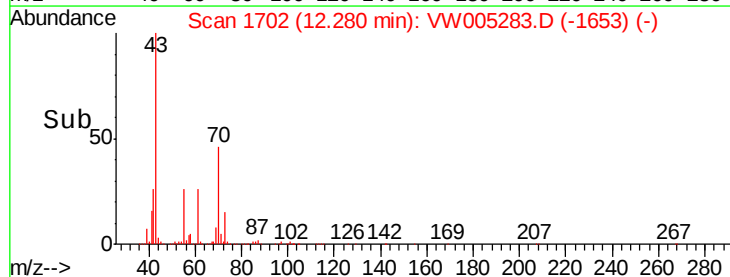
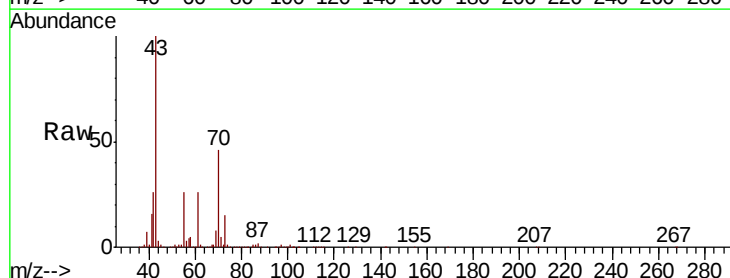
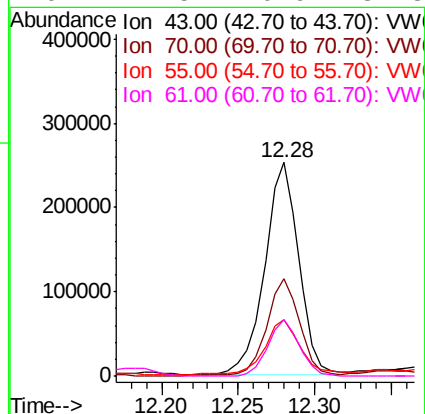
Ion Ratio Lower Upper

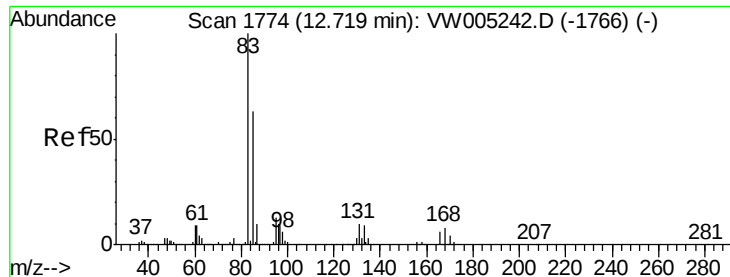
43 100

70 44.2 37.9 56.9

55 27.4 22.6 33.8

61 24.5 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 76.27 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

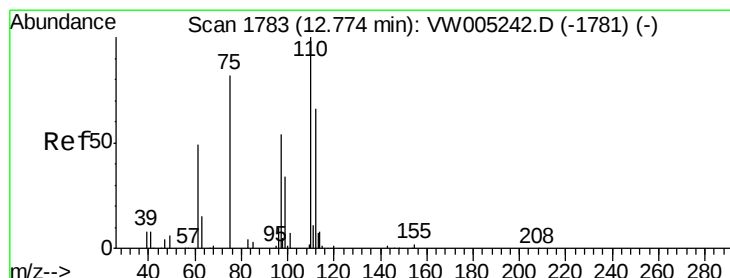
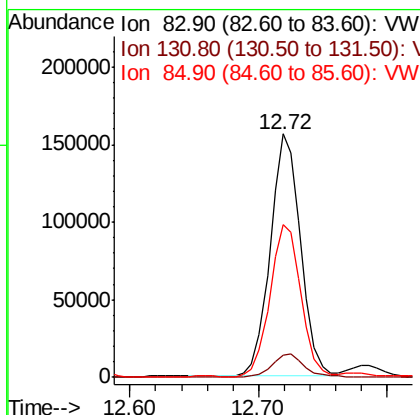
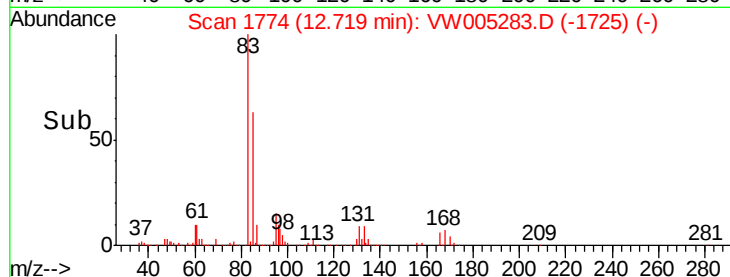
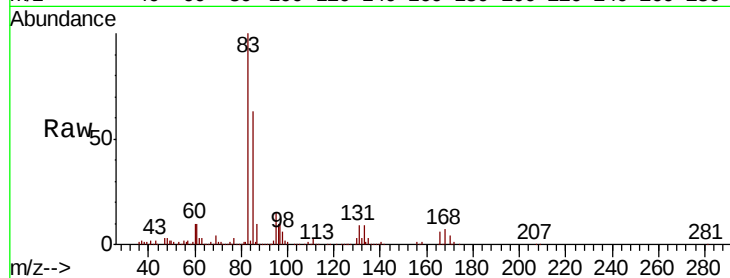
ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	83	Resp:	257065
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.5	16.4
85	63.6	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 75.16 ug/l m

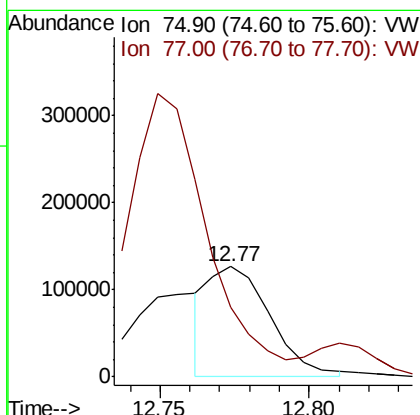
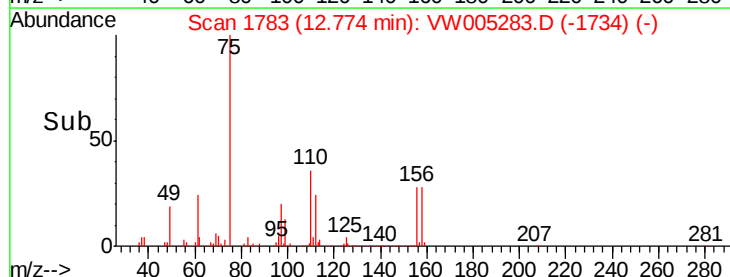
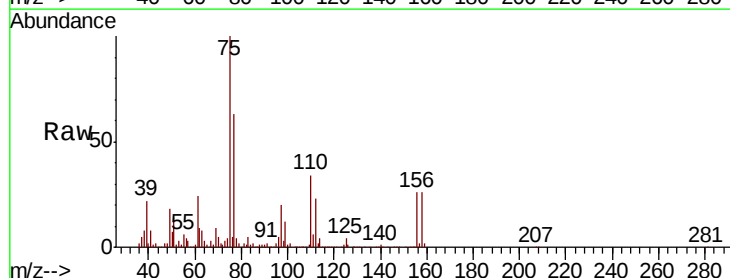
RT: 12.77 min Scan# 1783

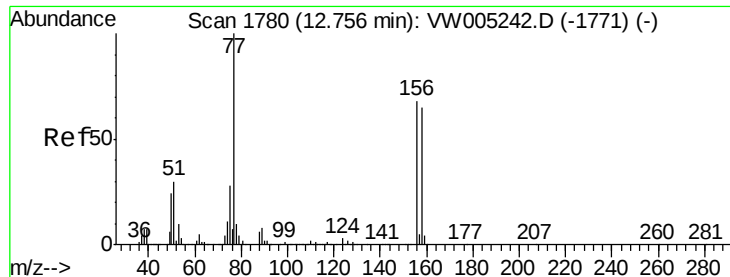
Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	75	Resp:	183499
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 61.52 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

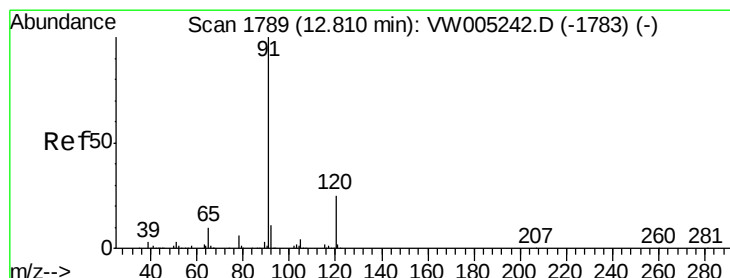
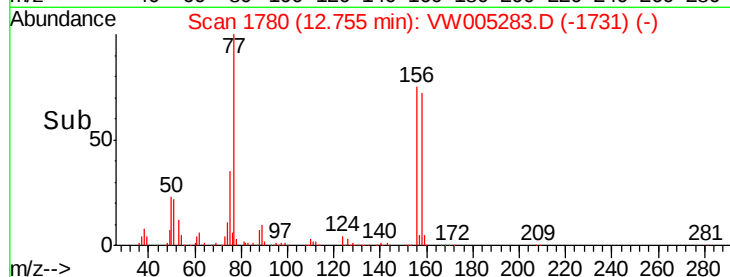
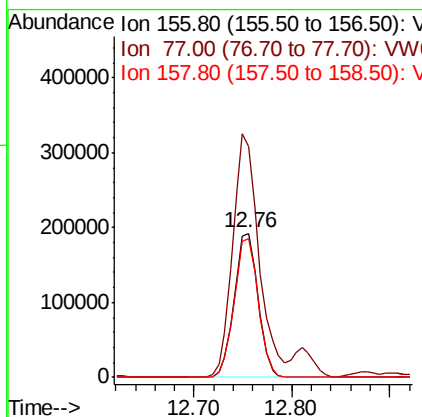
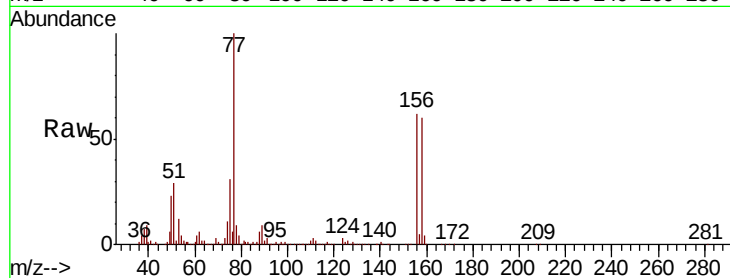
ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:	156	Resp:	325066
Ion Ratio	Lower	Upper	
156	100		
77	185.8	86.3	258.8
158	97.2	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 60.13 ug/l

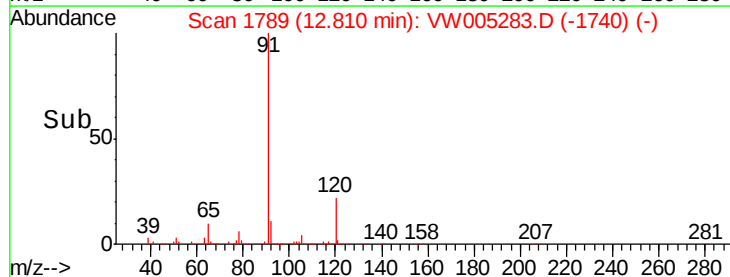
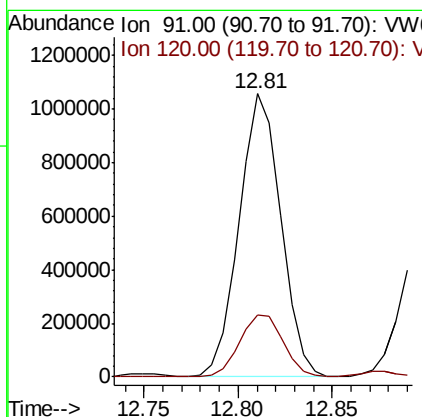
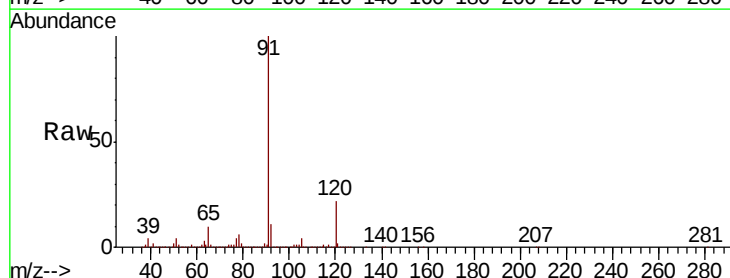
RT: 12.81 min Scan# 1789

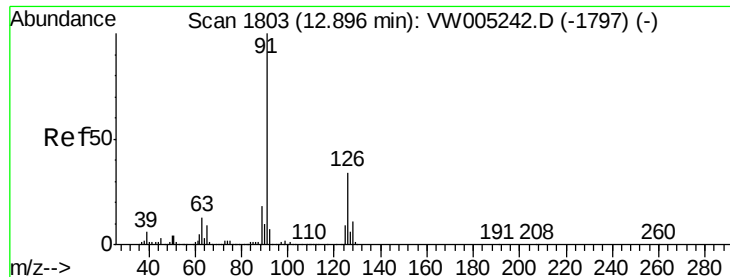
Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Tgt Ion:	91	Resp:	1619640
Ion Ratio	Lower	Upper	
91	100		
120	23.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 60.17 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion: 91 Resp: 929355

Ion Ratio Lower Upper

91 100

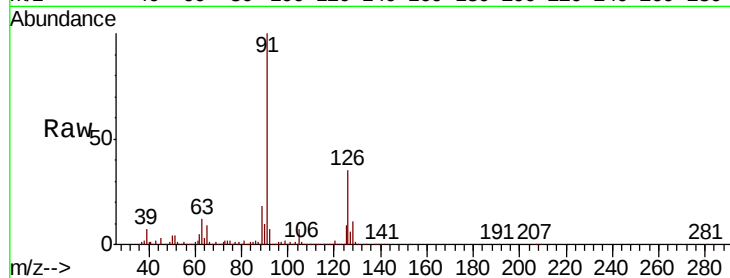
126 33.8 17.2 51.5

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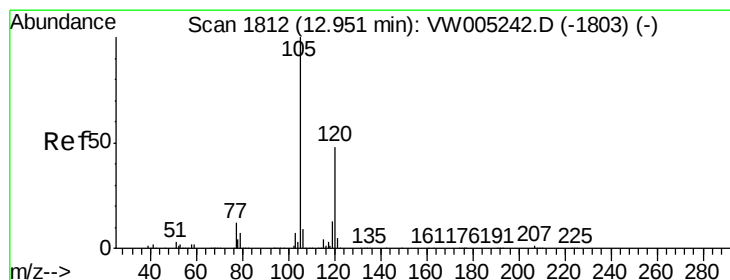
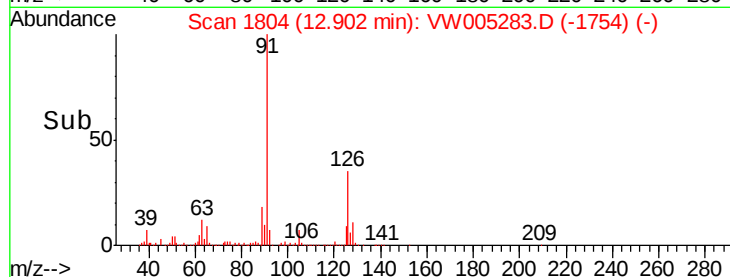
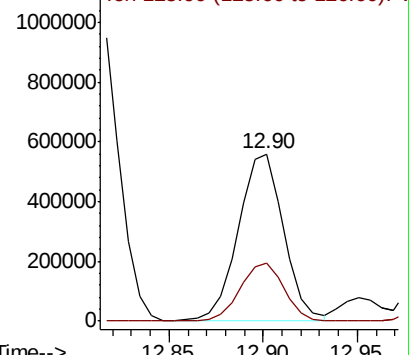
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 64.34 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005283.D

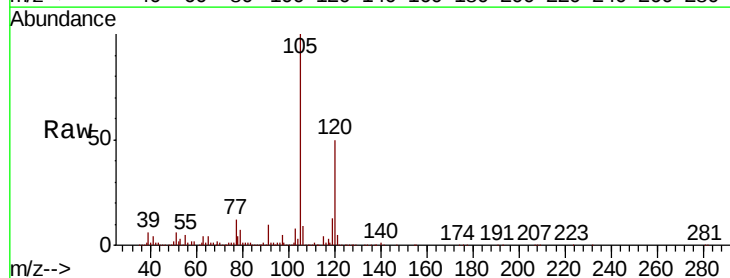
Acq: 11 Sep 2018 18:26

Tgt Ion:105 Resp: 1228726

Ion Ratio Lower Upper

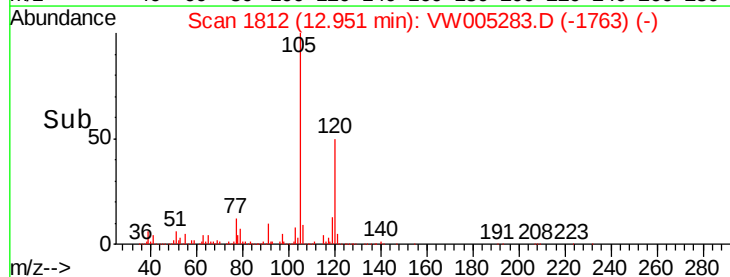
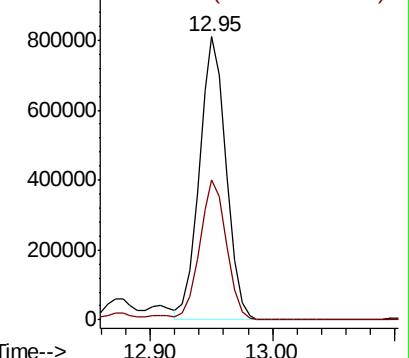
105 100

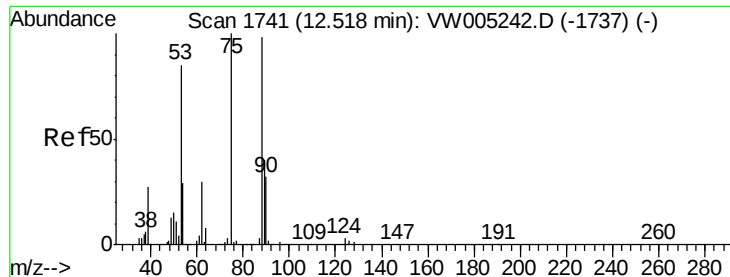
120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





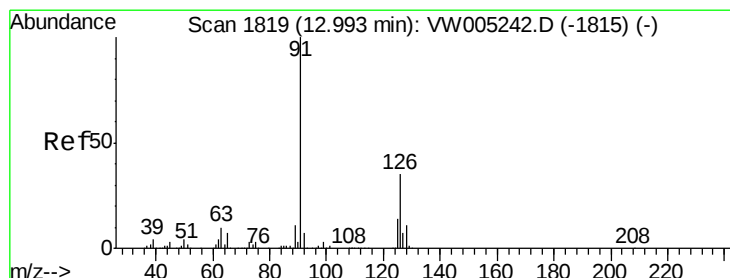
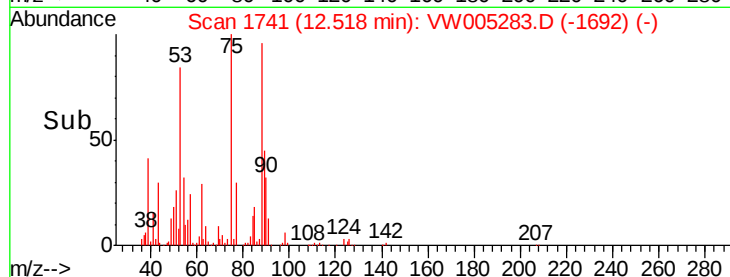
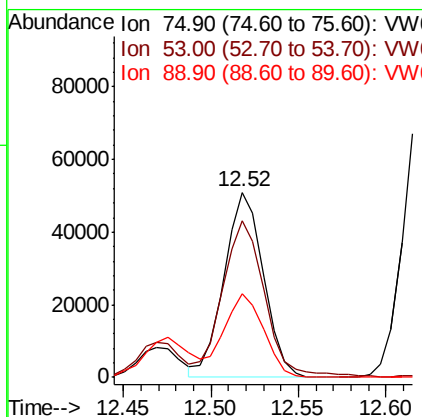
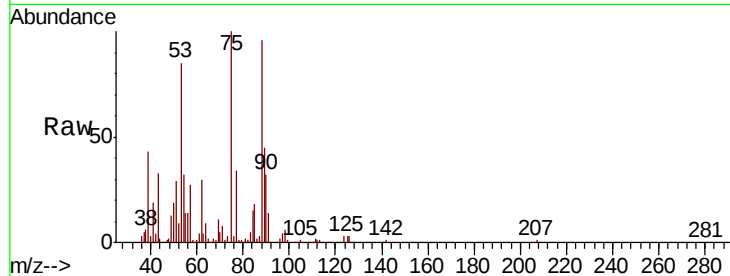
#81
trans-1,4-Dichloro-2-butene
Concen: 76.03 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.6	67.0	100.6
89	46.2	37.0	55.4

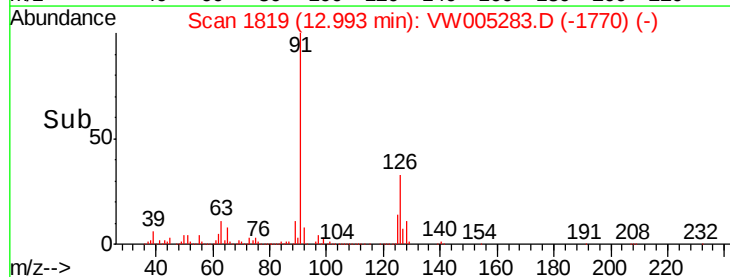
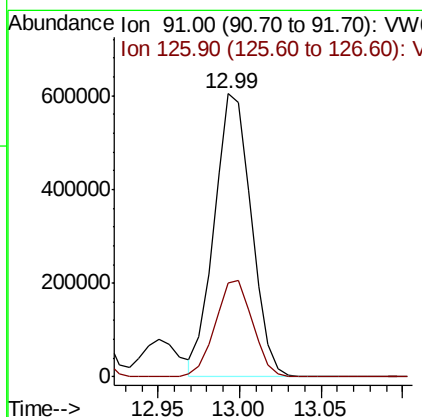
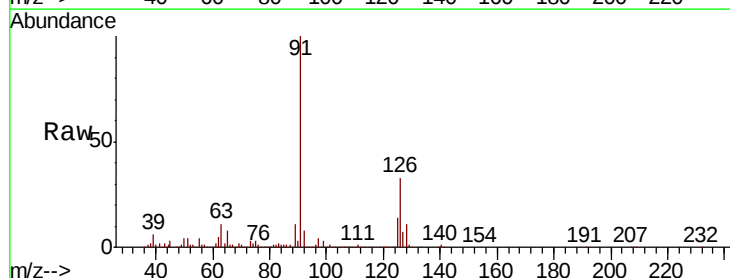
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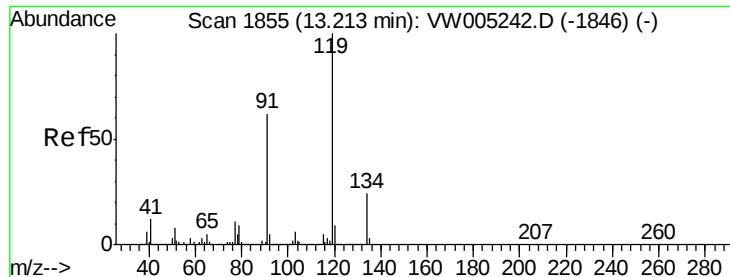
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#82
4-Chlorotoluene
Concen: 58.65 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.5





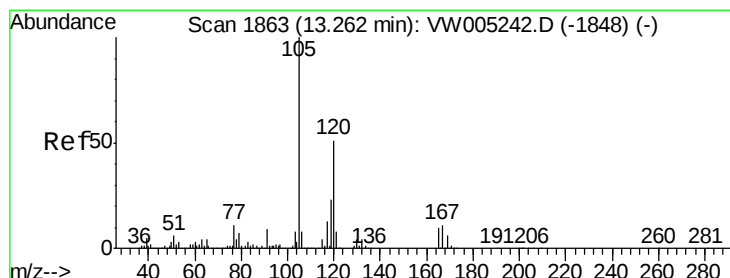
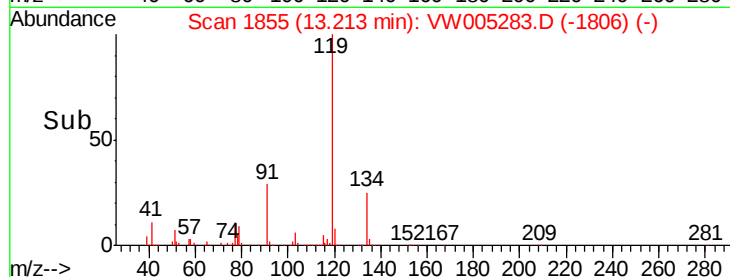
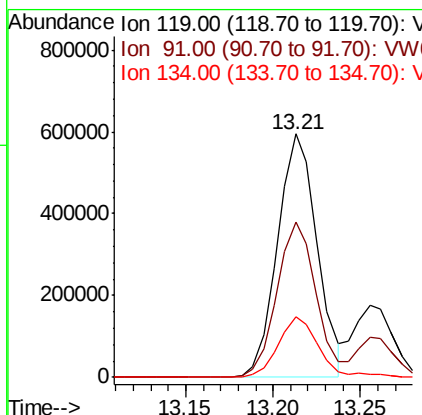
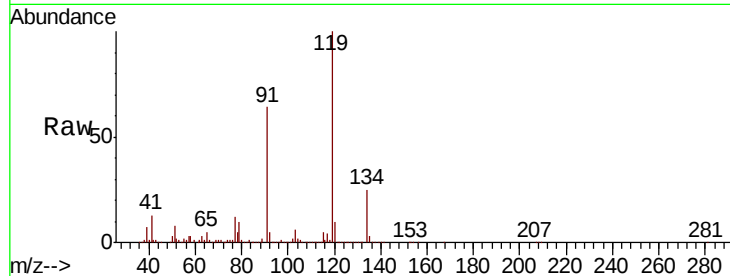
#83
 tert-Butylbenzene
 Concen: 56.31 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	940530		
91	64.1	31.7	95.1	
134	25.6	13.0	38.9	

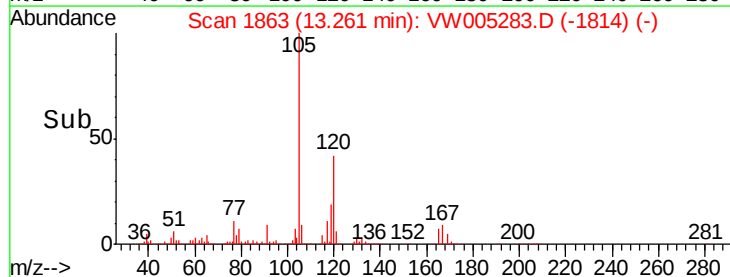
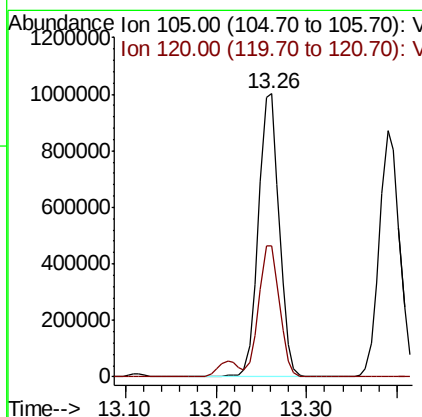
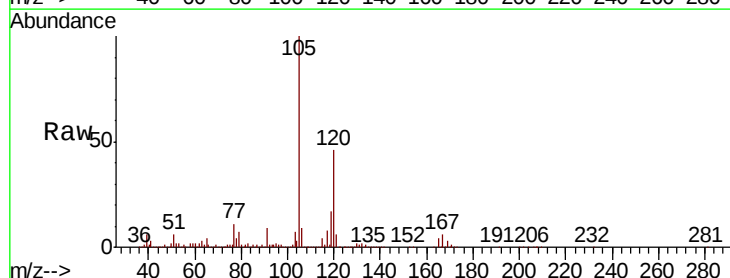
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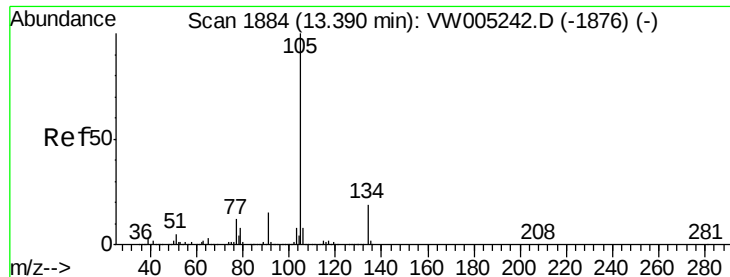
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#84
 1,2,4-Trimethylbenzene
 Concen: 82.56 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1584396		
120	46.2	23.4	70.3	





#85

sec-Butylbenzene

Concen: 56.08 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5MSD

Tot Ion:105 Resp: 1346137

Ion Ratio Lower Upper

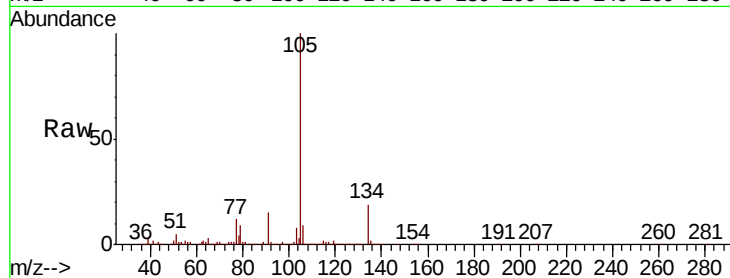
105 100

134 20.1 9.9 29.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1000000

800000

600000

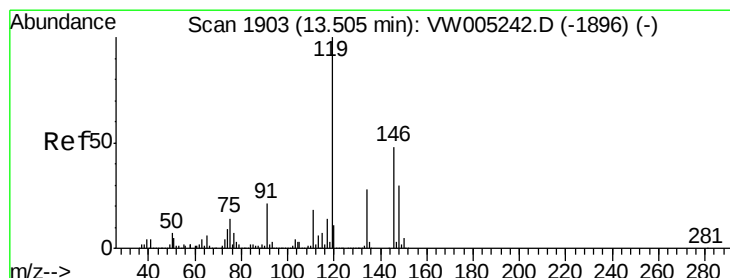
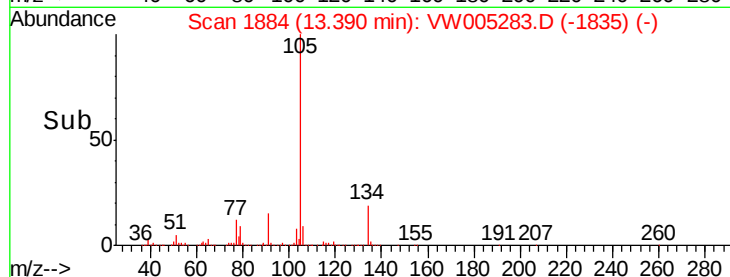
400000

200000

0

13.30 13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 56.52 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005283.D

Acq: 11 Sep 2018 18:26

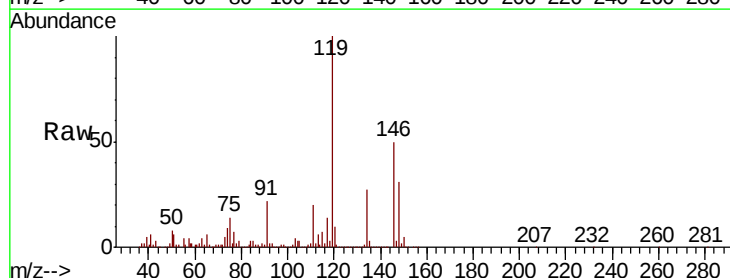
Tgt Ion:119 Resp: 1201109

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.0 10.7 32.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

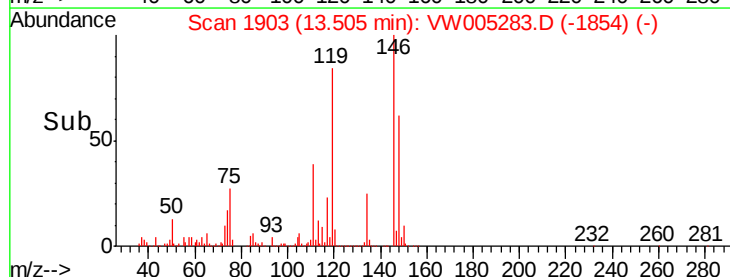
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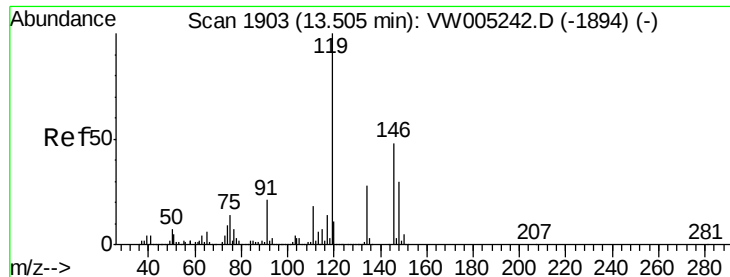
200000

0

13.45 13.50 13.55

Time-->





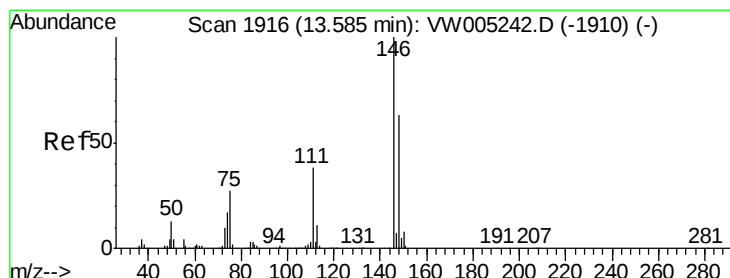
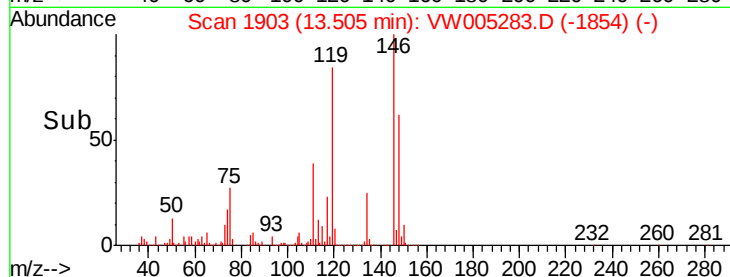
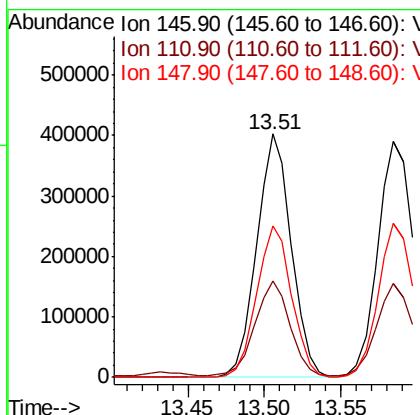
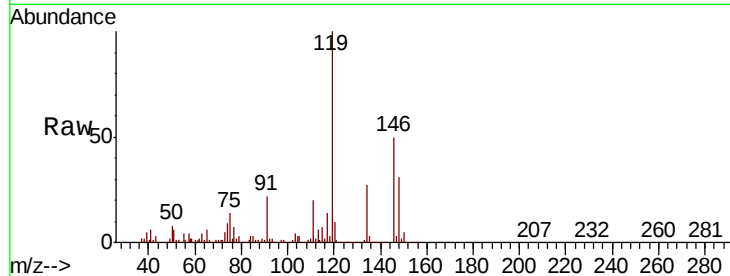
#87
 1,3-Dichlorobenzene
 Concen: 56.93 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.8	56.3
148	63.2	31.6	94.8

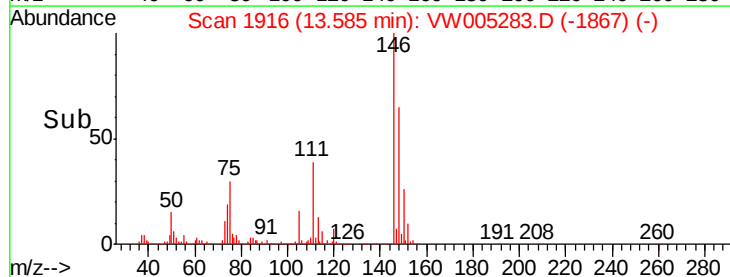
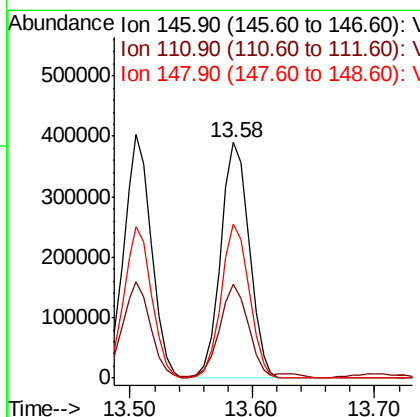
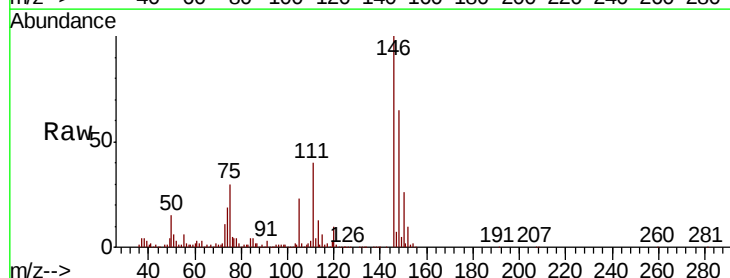
Manual Integrations
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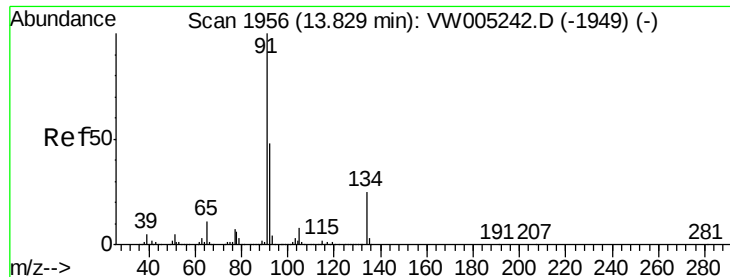
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#88
 1,4-Dichlorobenzene
 Concen: 57.71 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.1	57.3
148	64.1	32.3	96.9





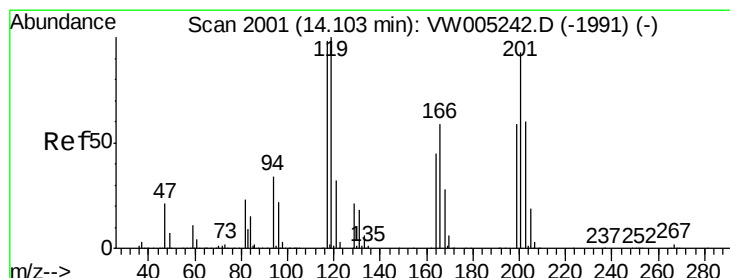
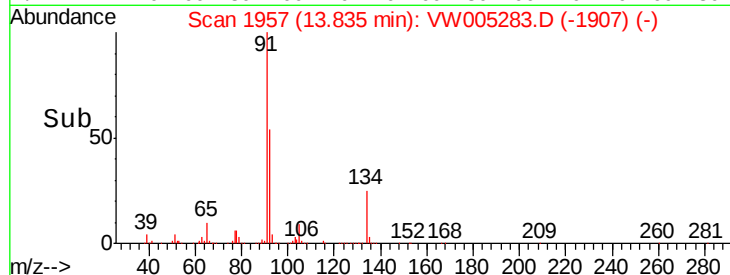
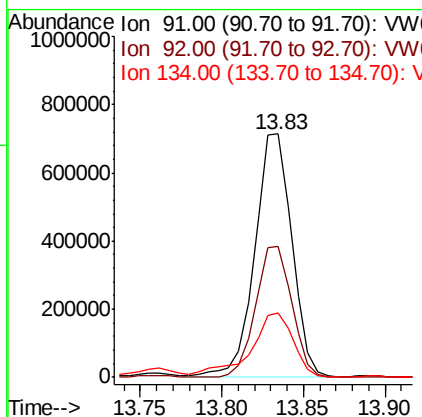
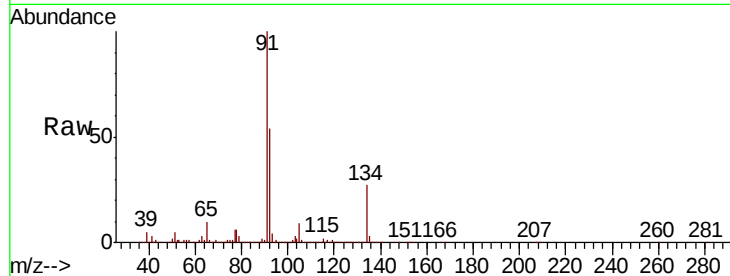
#89
n-Butylbenzene
Concen: 56.36 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.8	77.3
134	30.6	13.6	40.8

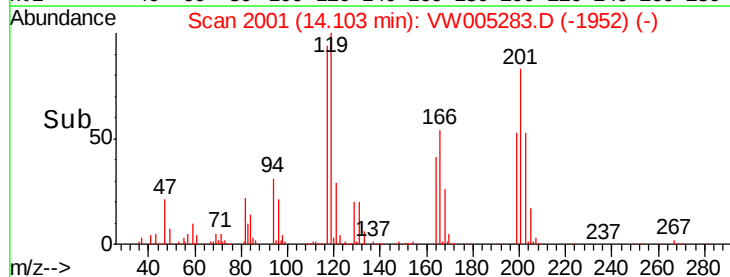
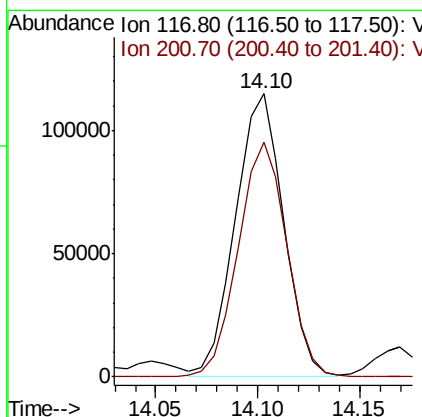
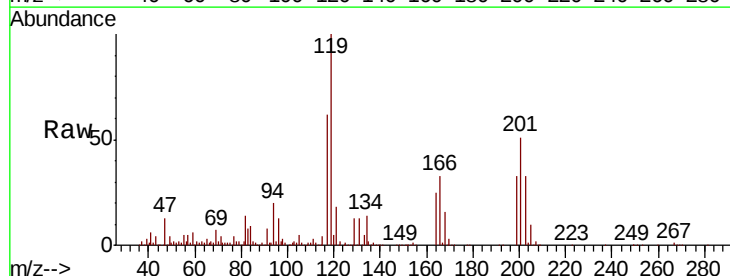
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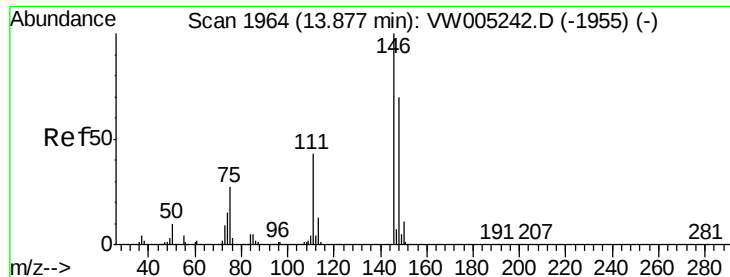
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#90
Hexachloroethane
Concen: 55.00 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	44.0	132.1





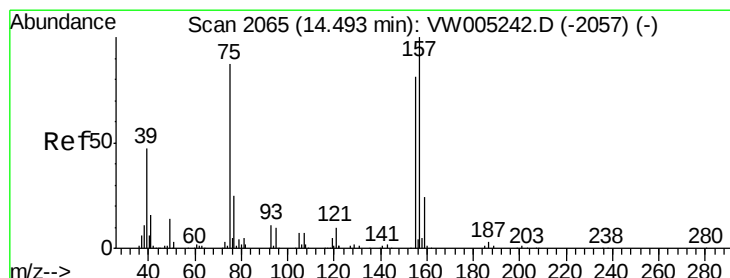
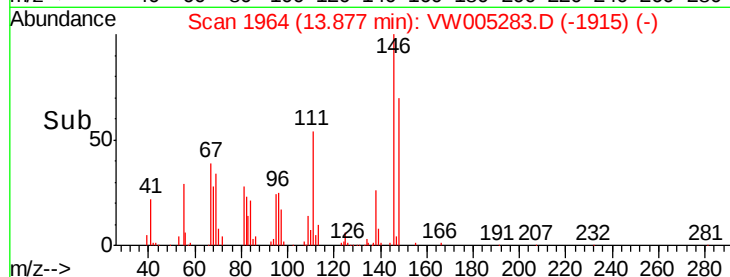
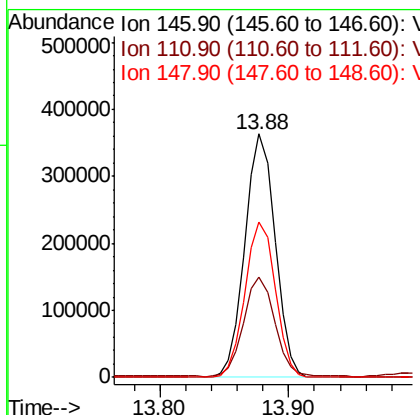
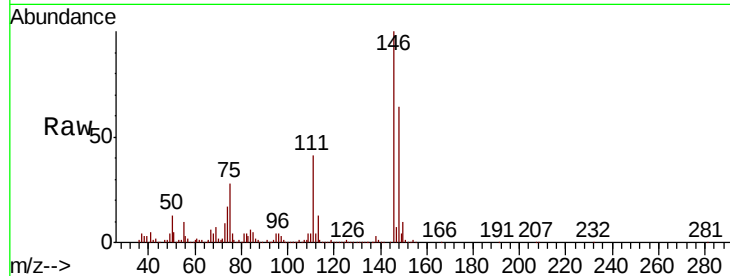
#91
 1,2-Dichlorobenzene
 Concen: 60.46 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion:	146	Resp:	589528
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.5	61.5
148	64.0	32.7	98.1

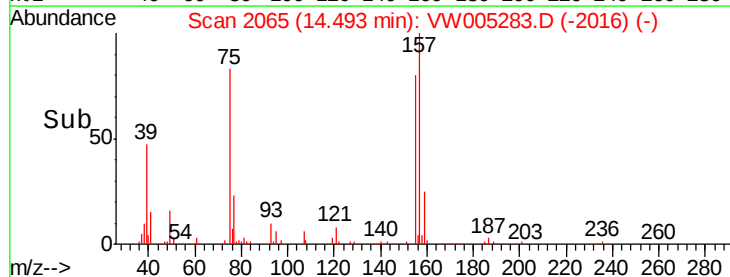
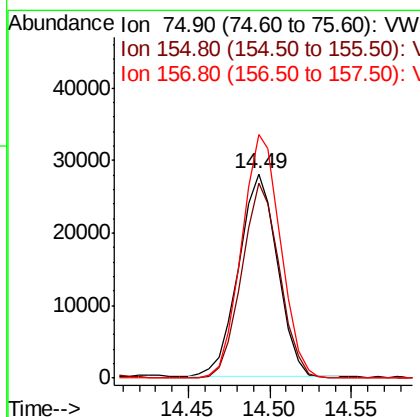
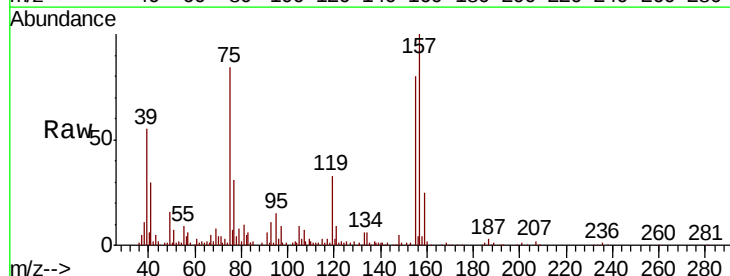
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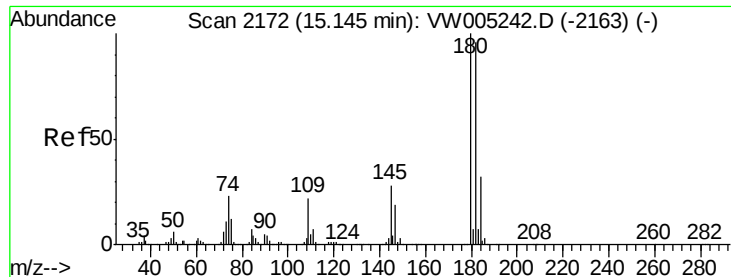
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 82.85 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion:	75	Resp:	46434
Ion Ratio	Lower	Upper	
75	100		
155	92.8	47.4	142.2
157	120.0	59.4	178.2





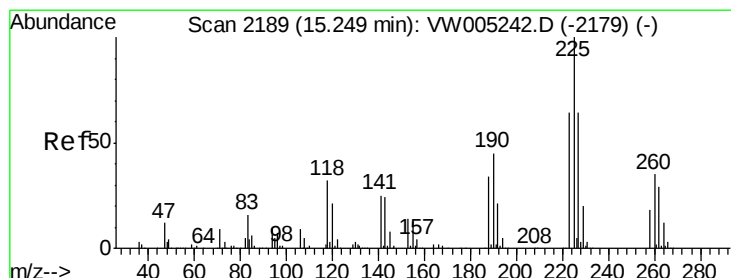
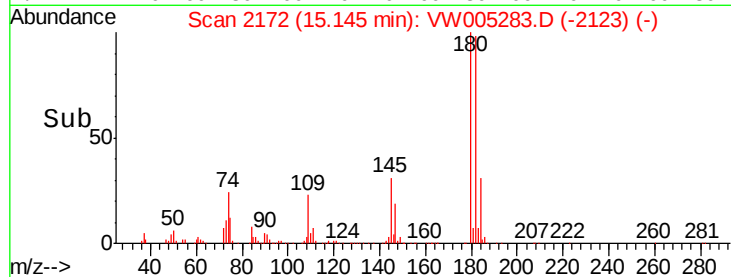
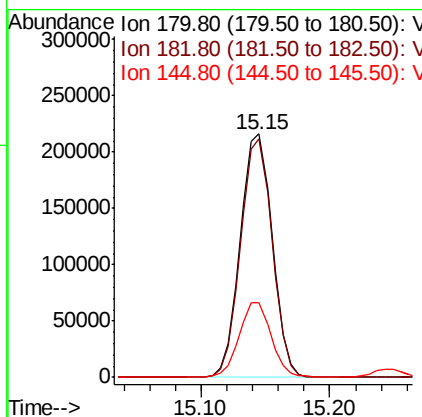
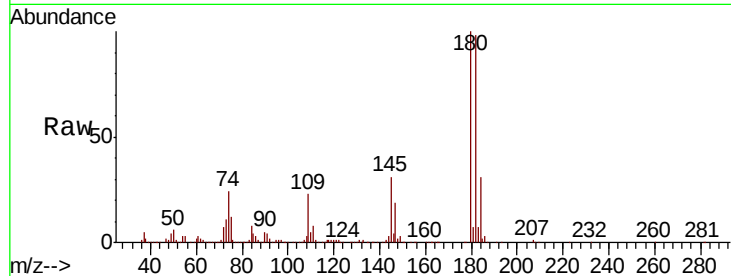
#93
 1,2,4-Trichlorobenzene
 Concen: 53.76 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.5	48.1	144.4	
145	31.0	14.5	43.6	

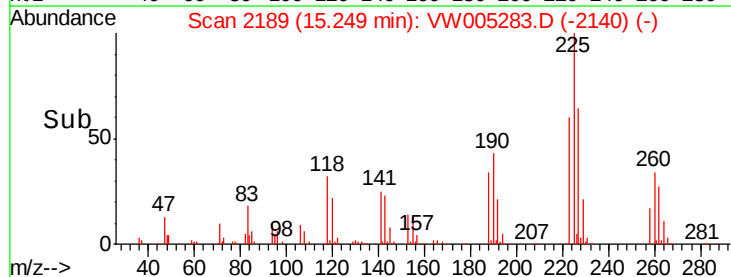
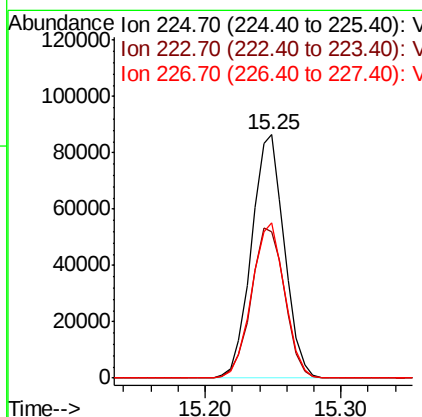
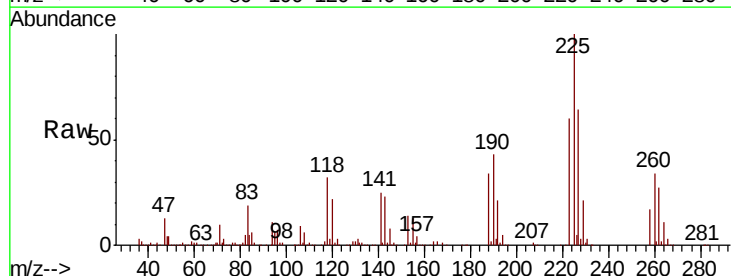
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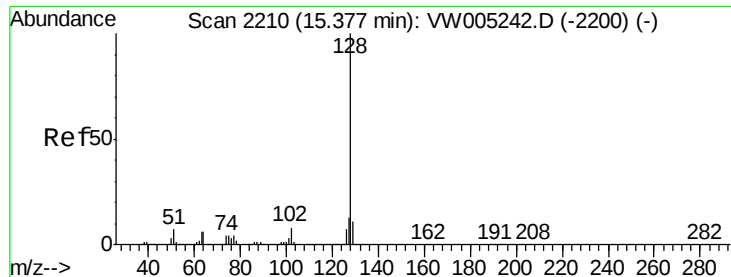
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#94
 Hexachlorobutadiene
 Concen: 33.06 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005283.D
 Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.4	94.2	
227	64.2	32.0	96.0	





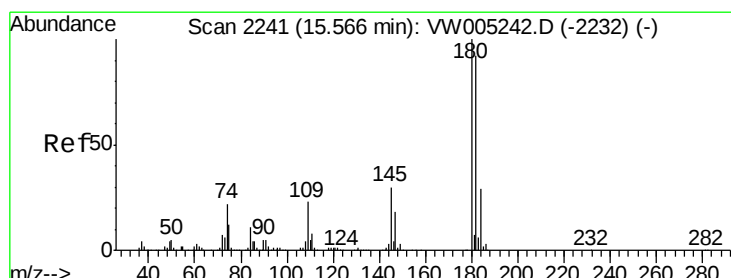
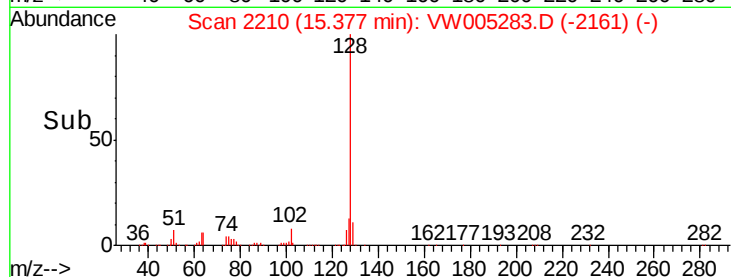
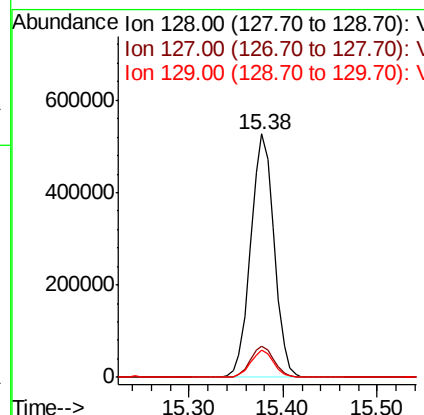
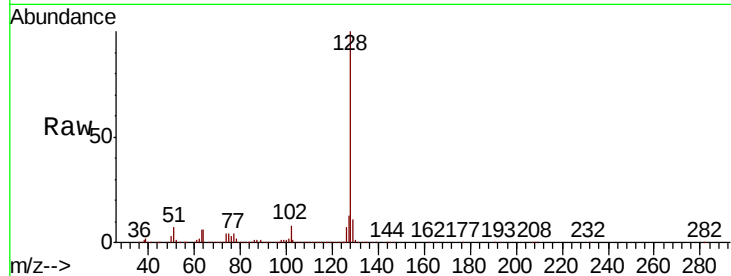
#95
Naphthalene
Concen: 81.92 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	916158		
127	12.9	10.3	15.5	
129	10.9	8.8	13.2	

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#96
1,2,3-Trichlorobenzene
Concen: 56.40 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005283.D
Acq: 11 Sep 2018 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334771		
182	95.4	47.2	141.6	
145	31.6	15.2	45.6	

