

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004533.D
 Acq On : 08 Aug 2018 17:33
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 8/9/2018 10:23:06 AM

Quant Time: Aug 09 05:21:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	762002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1150525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1080993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	571131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	379767	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	377135	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.33	98	1494601	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	538692	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	251733	48.14	ug/l	100
3) Chloromethane	2.21	50	349223	47.94	ug/l	99
4) Vinyl Chloride	2.37	62	501373	49.27	ug/l	98
5) Bromomethane	2.78	94	293959	49.61	ug/l	99
6) Chloroethane	2.92	64	304631	50.09	ug/l	99
7) Trichlorofluoromethane	3.25	101	211073	56.15	ug/l	96
8) Diethyl Ether	3.67	74	216102	45.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	409472	49.32	ug/l	99
10) Methyl Iodide	4.26	142	612849	49.20	ug/l	100
11) Tert butyl alcohol	5.25	59	93316	188.94	ug/l	99
12) 1,1-Dichloroethene	4.03	96	407843	48.81	ug/l	97
13) Acrolein	3.89	56	181792	300.41	ug/l	99
14) Allyl chloride	4.65	41	663866	52.88	ug/l	99
15) Acrylonitrile	5.37	53	450104	213.01	ug/l	99
16) Acetone	4.15	43	517609	245.72	ug/l	99
17) Carbon Disulfide	4.37	76	1364294	50.80	ug/l	99
18) Methyl Acetate	4.68	43	213738	40.69	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	521705	45.77	ug/l	98
20) Methylene Chloride	4.91	84	482015	46.17	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	448716	49.83	ug/l	100
22) Diisopropyl ether	6.31	45	1304900	50.58	ug/l	99
23) Vinyl Acetate	6.26	43	3706568	239.04	ug/l	99
24) 1,1-Dichloroethane	6.21	63	806991	48.87	ug/l	99
25) 2-Butanone	7.18	43	731313	215.82	ug/l	99
26) 2,2-Dichloropropane	7.17	77	446149	51.47	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	475783	49.11	ug/l	100
28) Bromochloromethane	7.51	49	347190	48.32	ug/l	100
29) Tetrahydrofuran	7.54	42	360091	205.56	ug/l	99
30) Chloroform	7.68	83	786001	48.46	ug/l	98
31) Cyclohexane	7.95	56	784436	49.64	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	609983	50.06	ug/l	99
36) 1,1-Dichloropropene	8.08	75	640012	51.66	ug/l	100
37) Ethyl Acetate	7.26	43	239483	41.28	ug/l	99
38) Carbon Tetrachloride	8.07	117	579477	51.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	820877	54.06	ug/l	100
40) Benzene	8.32	78	1840915	50.61	ug/l	99
41) Methacrylonitrile	7.49	41	140324	43.30	ug/l	99
42) 1,2-Dichloroethane	8.40	62	473064	47.00	ug/l	100
43) Isopropyl Acetate	8.43	43	447909	44.29	ug/l	98
44) Trichloroethene	9.09	130	447789	50.09	ug/l	98
45) 1,2-Dichloropropane	9.37	63	452257	49.64	ug/l	99
46) Dibromomethane	9.46	93	215180	46.40	ug/l	99
47) Bromodichloromethane	9.65	83	530346	48.45	ug/l	98
48) Methyl methacrylate	9.44	41	218329	46.19	ug/l	99
49) 1,4-Dioxane	9.49	88	63546	898.11	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	1567428	222.66	ug/l	100
52) Toluene	10.39	92	1113839	51.92	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	541321	49.25	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	650003	50.74	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	308940	46.48	ug/l	100
56) Ethyl methacrylate	10.65	69	380154	47.77	ug/l	100
57) 1,3-Dichloropropane	10.93	76	542981	47.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	985935	233.88	ug/l	99
59) 2-Hexanone	10.98	43	1100699	230.62	ug/l	99
60) Dibromochloromethane	11.13	129	347005	48.00	ug/l	100
61) 1,2-Dibromoethane	11.24	107	293451	46.99	ug/l	99
64) Tetrachloroethene	10.87	164	371084	49.21	ug/l	98
65) Chlorobenzene	11.66	112	1205760	50.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	403491	49.75	ug/l	99
67) Ethyl Benzene	11.74	91	2169882	53.73	ug/l	98
68) m/p-Xylenes	11.84	106	1679664	107.62	ug/l	100
69) o-Xylene	12.17	106	776181	53.63	ug/l	99
70) Styrene	12.19	104	1312026	53.65	ug/l	99
71) Bromoform	12.35	173	207496	46.54	ug/l #	99
73) Isopropylbenzene	12.47	105	2162423	54.74	ug/l	100
74) N-amyl acetate	12.28	43	439282	45.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	377621	45.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	250300m	42.35	ug/l	
77) Bromobenzene	12.75	156	484726	50.71	ug/l	99
78) n-propylbenzene	12.81	91	2686488	55.11	ug/l	99
79) 2-Chlorotoluene	12.90	91	1511443	53.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1855792	55.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	117643	47.65	ug/l	99
82) 4-Chlorotoluene	12.99	91	1582211	52.85	ug/l	100
83) tert-Butylbenzene	13.21	119	1556458	55.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1893565	54.28	ug/l	100
85) sec-Butylbenzene	13.39	105	2338692	54.84	ug/l	99
86) p-Isopropyltoluene	13.51	119	2040494	55.22	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	995180	50.53	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	984045	50.19	ug/l	100
89) n-Butylbenzene	13.83	91	1996452	54.99	ug/l	100
90) Hexachloroethane	14.10	117	352922	51.62	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	885441	49.56	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	57615	42.76	ug/l	98

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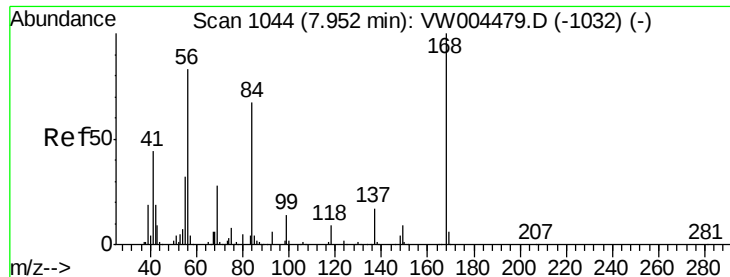
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	623406	50.40	ug/l	99
94) Hexachlorobutadiene	15.25	225	374190	51.95	ug/l	99
95) Naphthalene	15.38	128	1122783	44.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	543372	48.88	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 762002

Ion Ratio Lower Upper

168 100

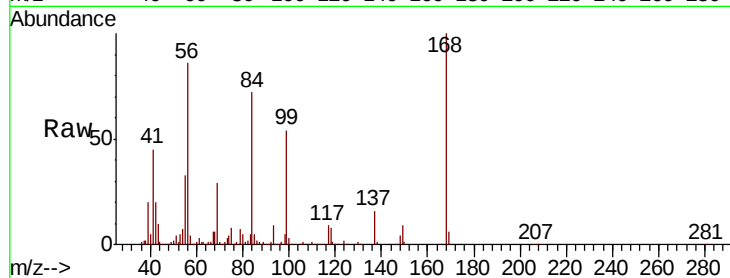
99 54.3 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

300000

200000

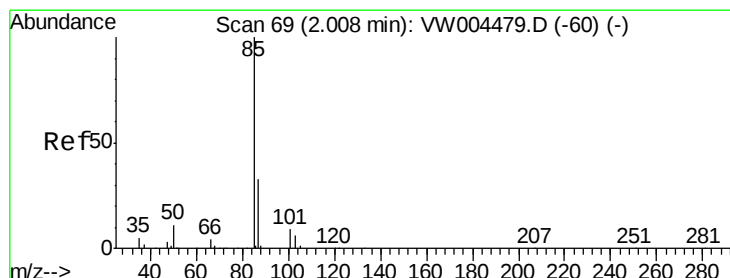
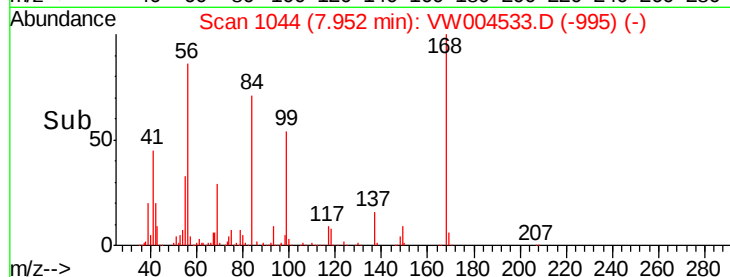
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 48.14 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004533.D

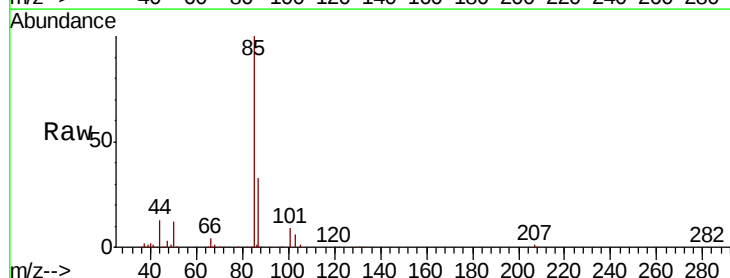
Acq: 08 Aug 2018 17:33

Tgt Ion: 85 Resp: 251733

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

60000

40000

20000

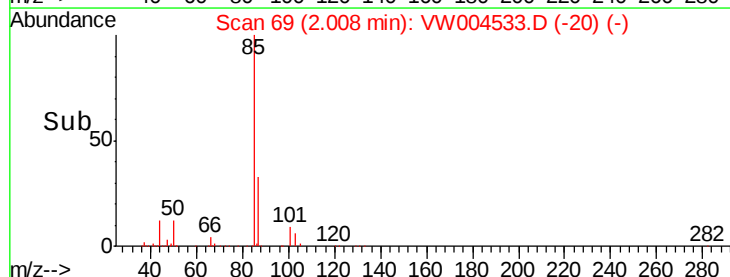
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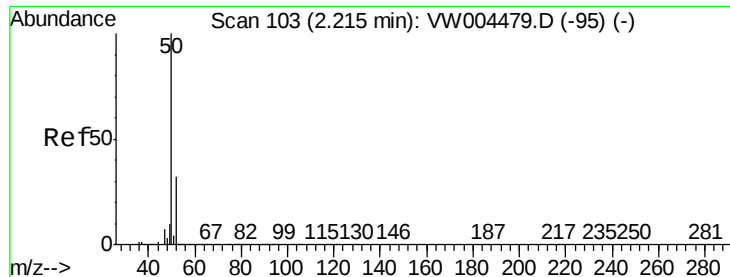
1.80

2.00

2.20

Time-->





#3

Chloromethane

Concen: 47.94 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 349223

Ion Ratio Lower Upper

50 100

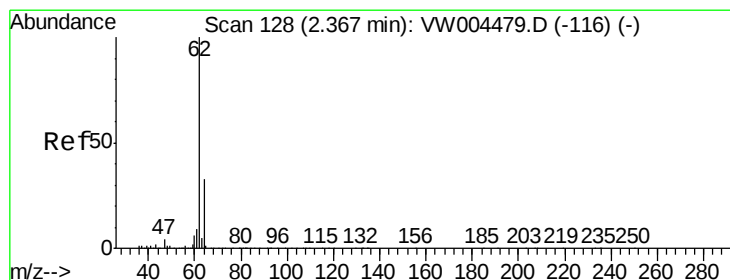
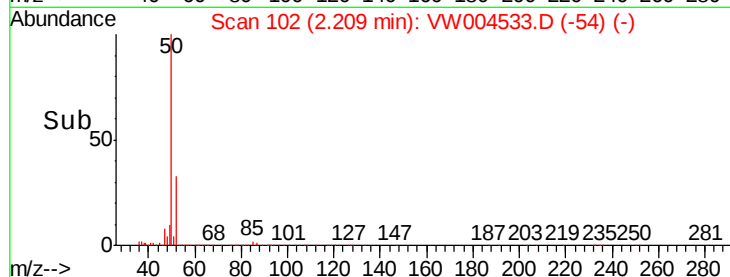
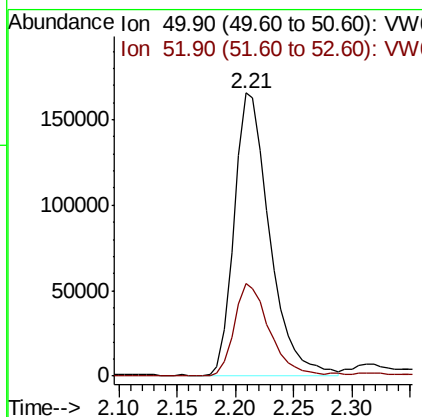
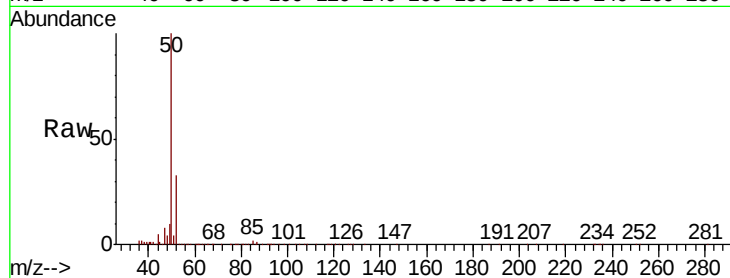
52 32.6 25.8 38.8

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#4

Vinyl Chloride

Concen: 49.27 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004533.D

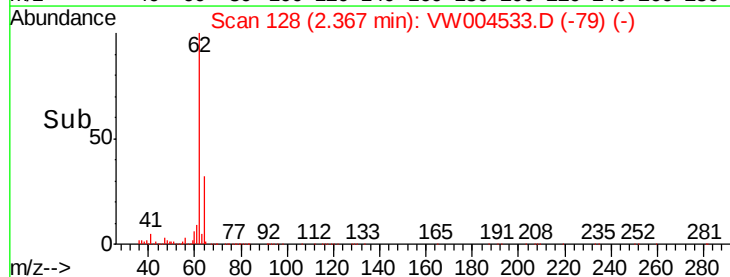
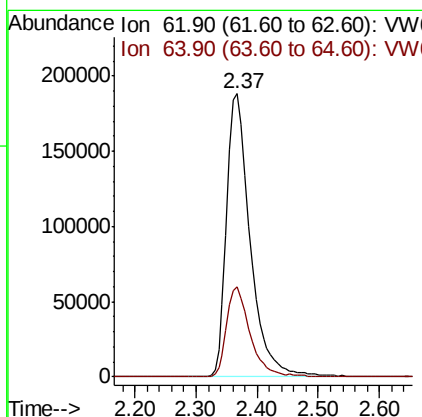
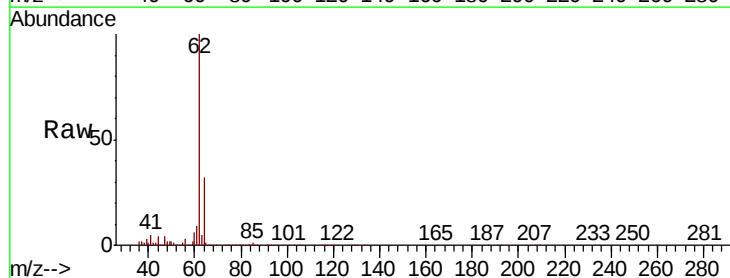
Acq: 08 Aug 2018 17:33

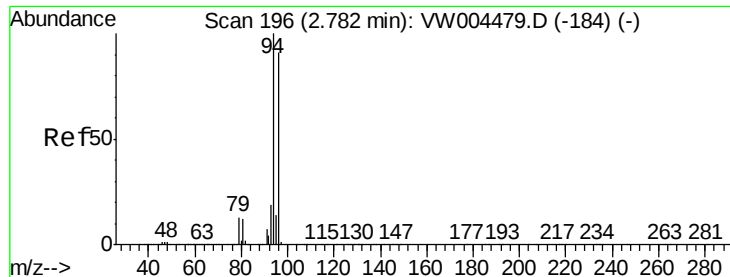
Tgt Ion: 62 Resp: 501373

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.2





#5

Bromomethane

Concen: 49.61 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 293959

Ion Ratio Lower Upper

94 100

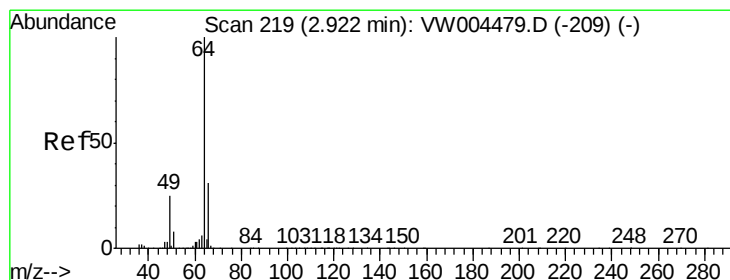
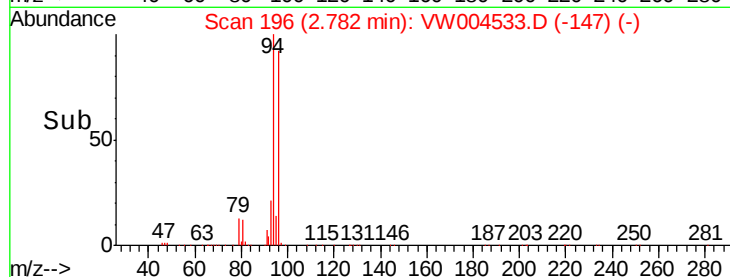
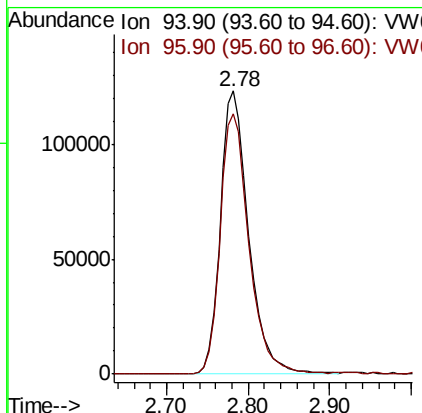
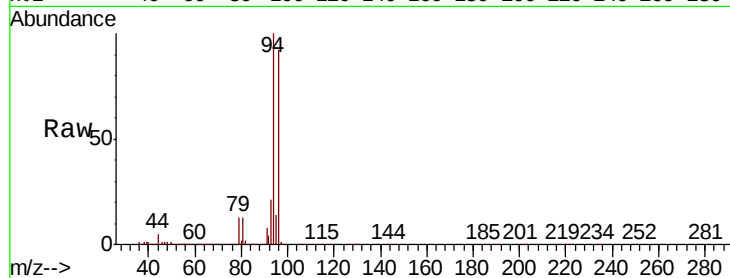
96 91.7 72.9 109.3

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#6

Chloroethane

Concen: 50.09 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004533.D

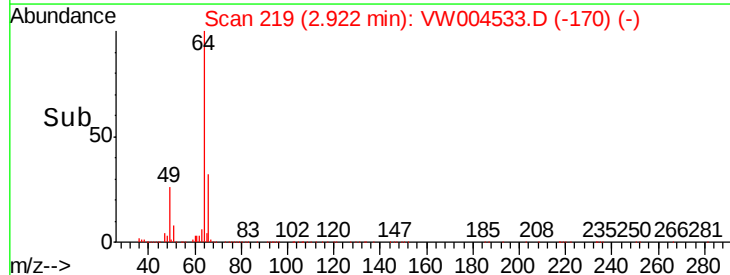
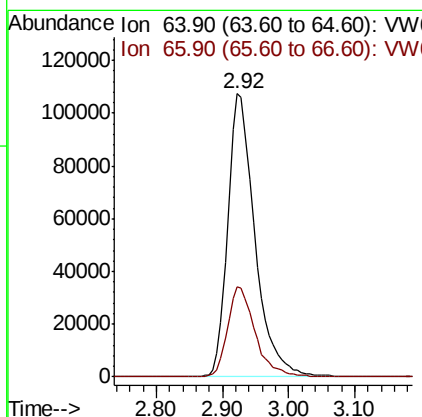
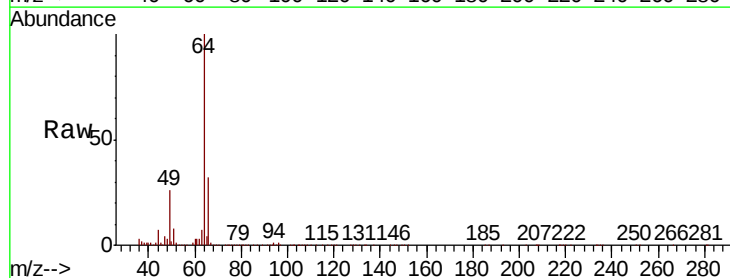
Acq: 08 Aug 2018 17:33

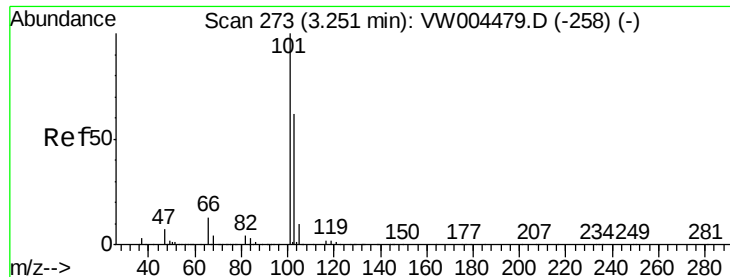
Tgt Ion: 64 Resp: 304631

Ion Ratio Lower Upper

64 100

66 31.5 24.6 36.8





#7

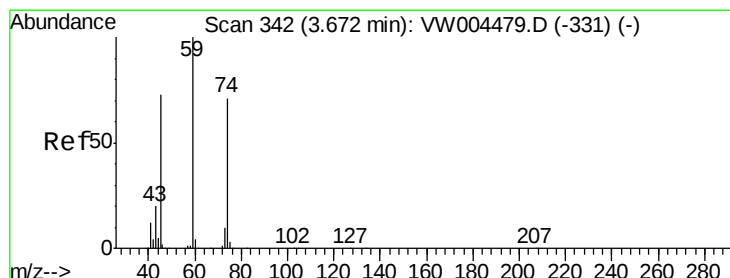
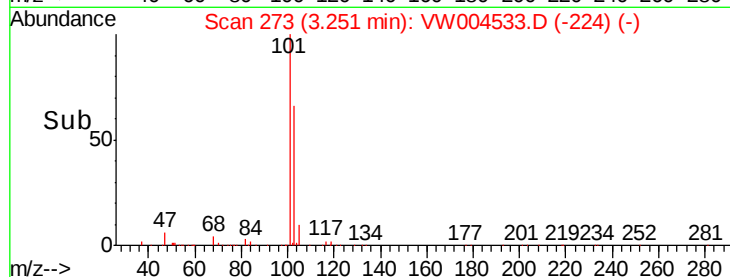
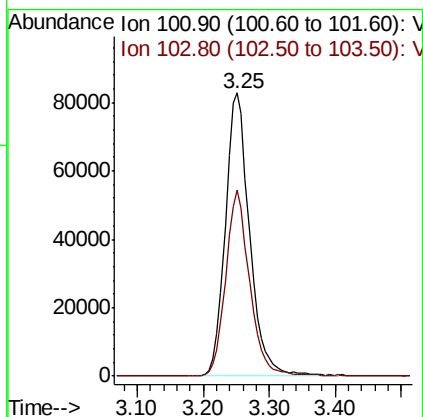
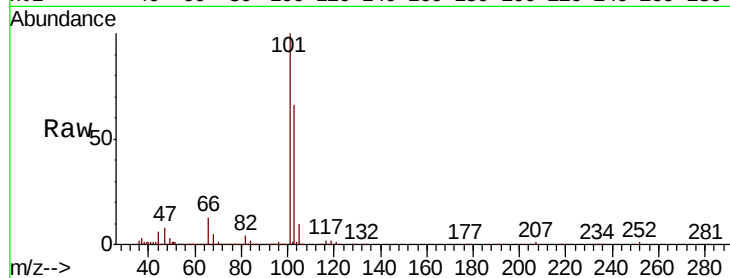
Trichlorofluoromethane
Concen: 56.15 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW004533.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	49.8	74.8

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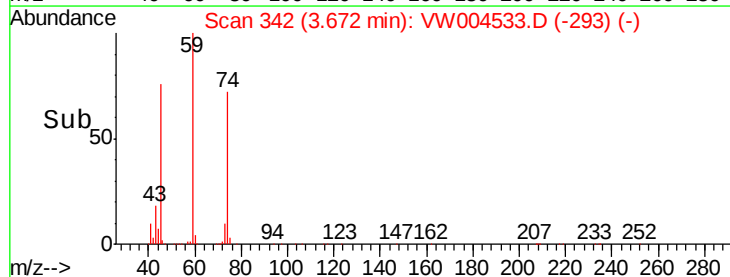
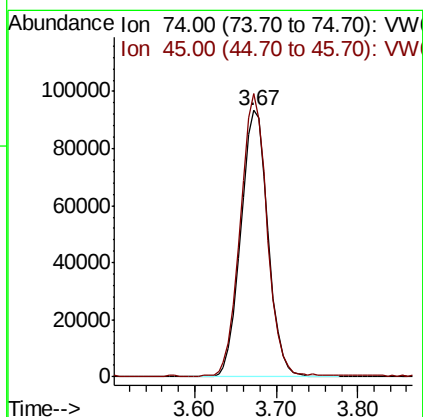
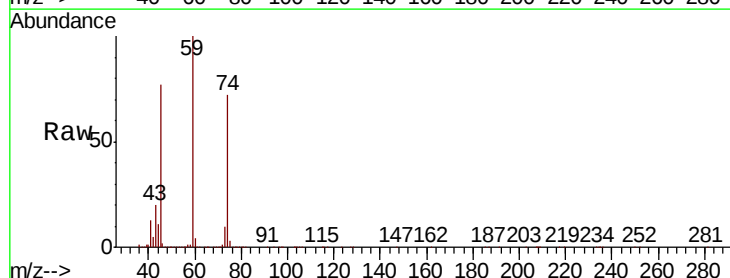
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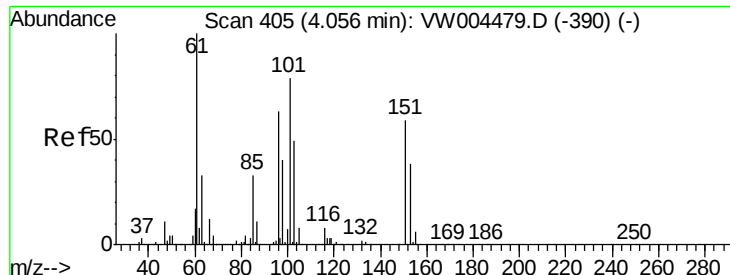


#8

Diethyl Ether
Concen: 45.45 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.3	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.32 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

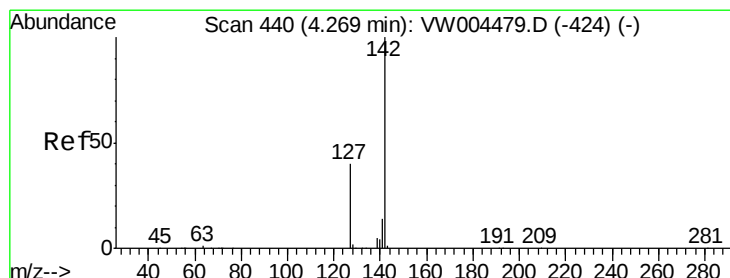
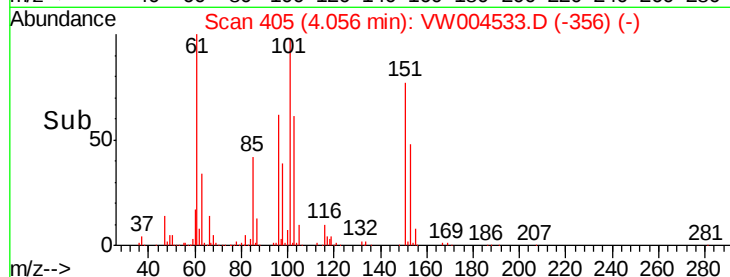
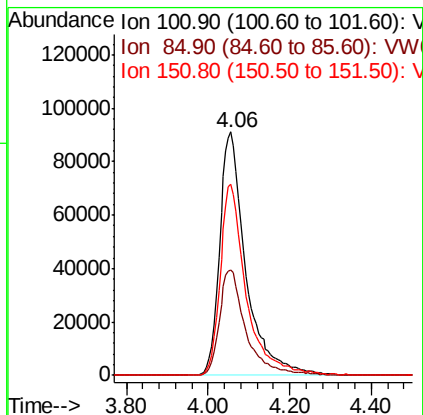
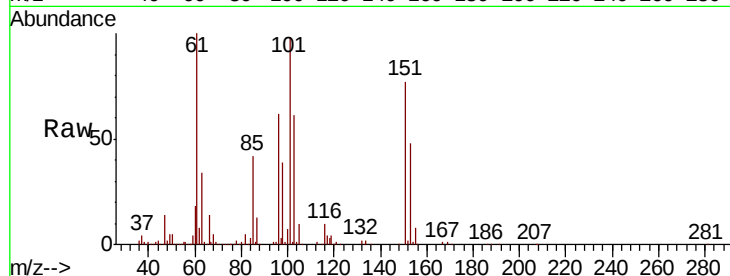
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	409472
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.6	51.8
151	77.3	61.3	91.9

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#10

Methyl Iodide

Concen: 49.20 ug/l

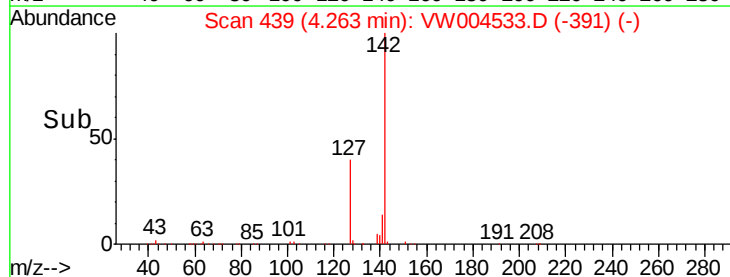
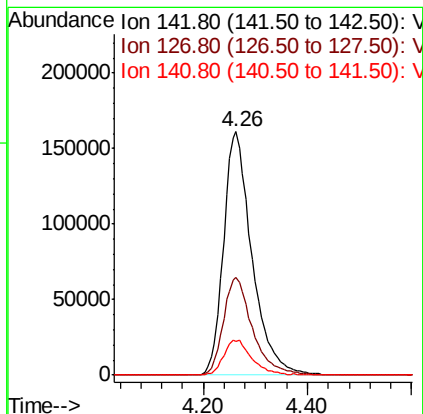
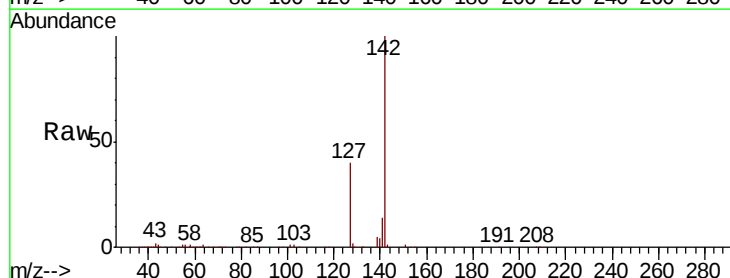
RT: 4.26 min Scan# 439

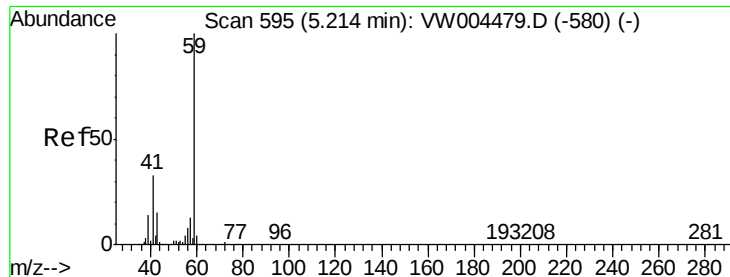
Delta R.T. -0.01 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion:	142	Resp:	612849
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.7	49.1
141	14.4	11.5	17.3





#11

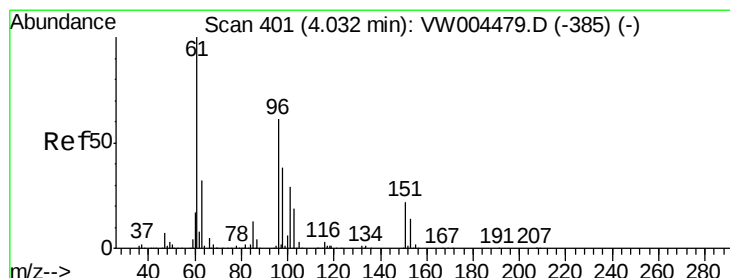
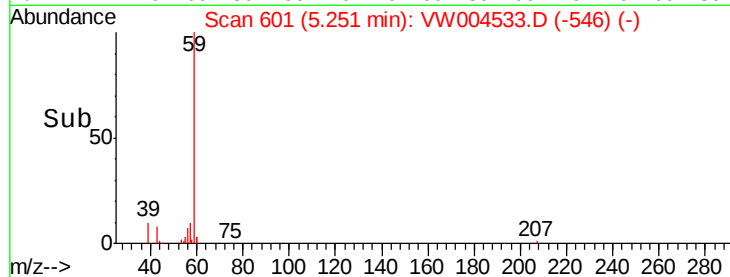
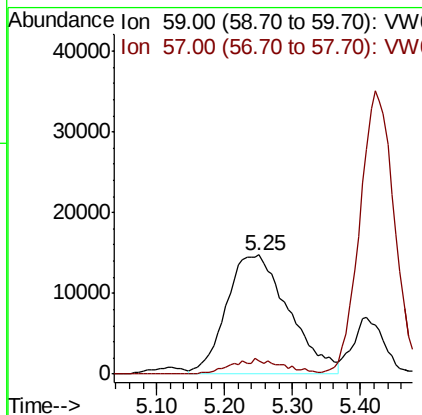
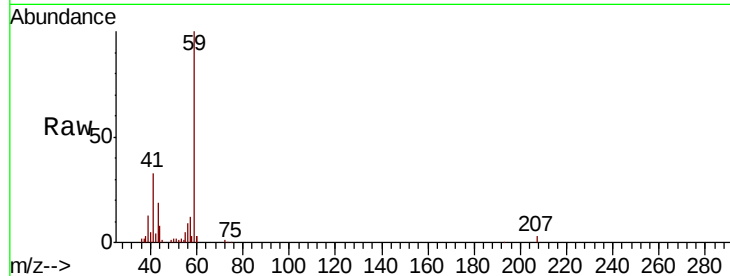
Tert butyl alcohol
Concen: 188.94 ug/l
RT: 5.25 min Scan# 601
Delta R.T. 0.04 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.1	13.7

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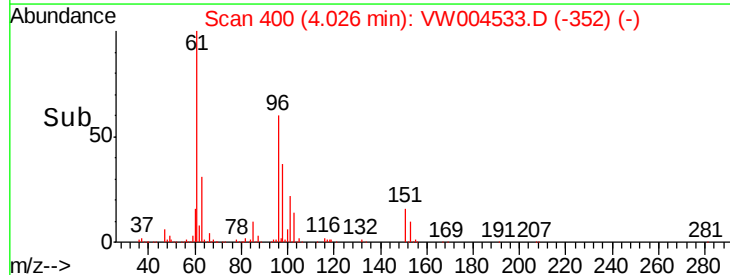
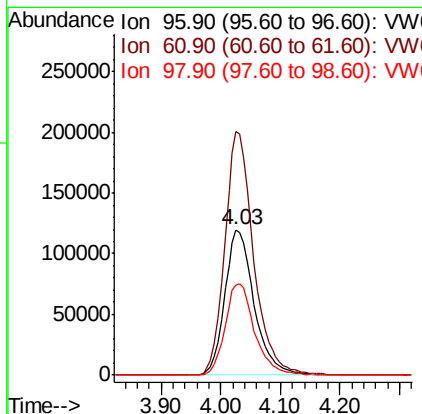
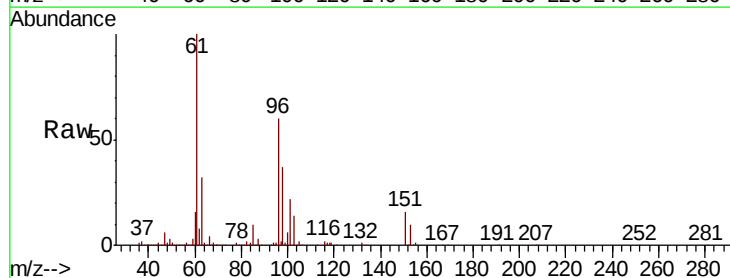
apatel
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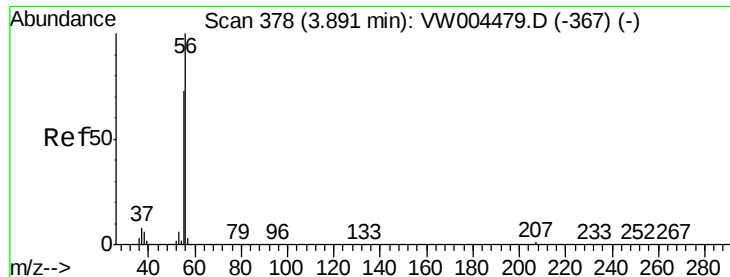


#12

1,1-Dichloroethene
Concen: 48.81 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.9	130.6	195.8
98	62.4	49.6	74.4





#13

Acrolein

Concen: 300.41 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 181792

Ion Ratio Lower Upper

56 100

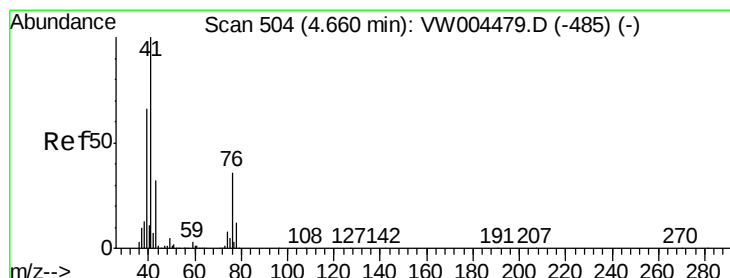
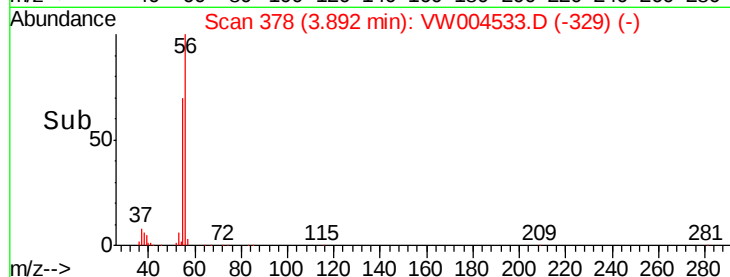
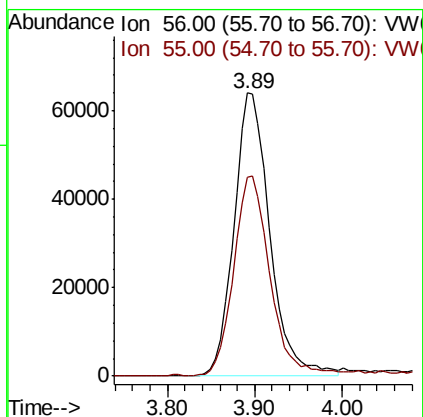
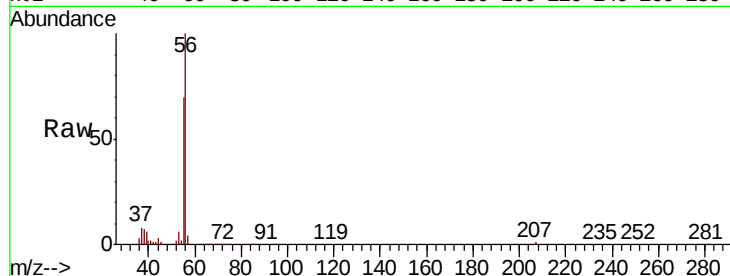
55 71.4 56.7 85.1

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#14

Allyl chloride

Concen: 52.88 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.01 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

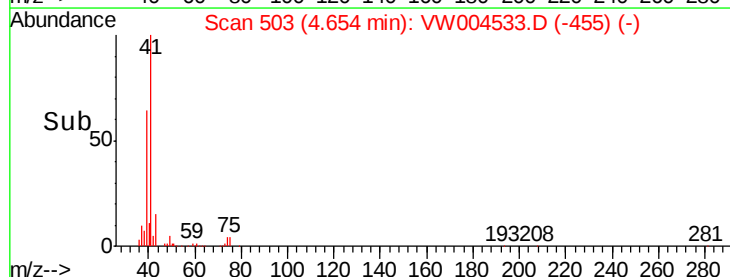
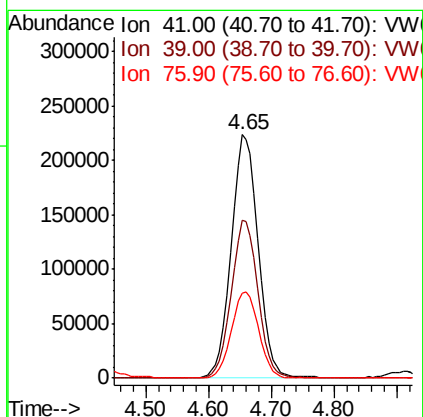
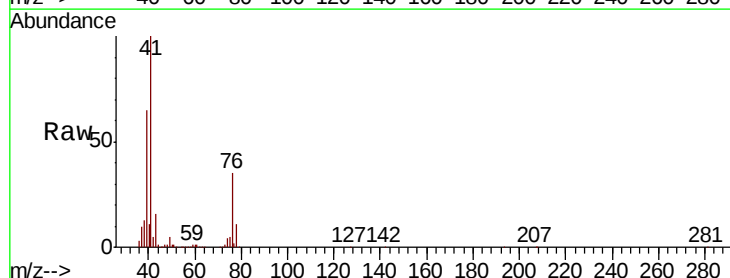
Tgt Ion: 41 Resp: 663866

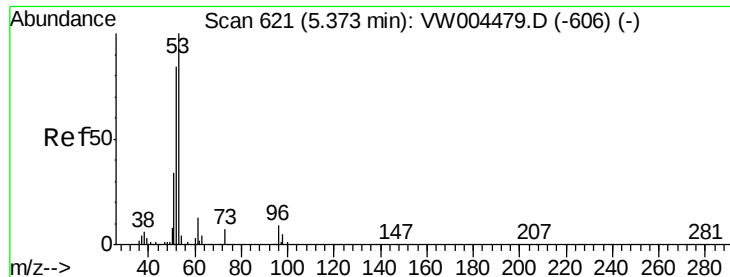
Ion Ratio Lower Upper

41 100

39 64.2 51.9 77.9

76 35.5 29.0 43.6





#15

Acrylonitrile

Concen: 213.01 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

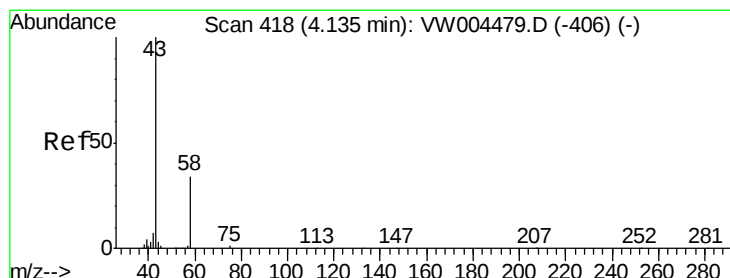
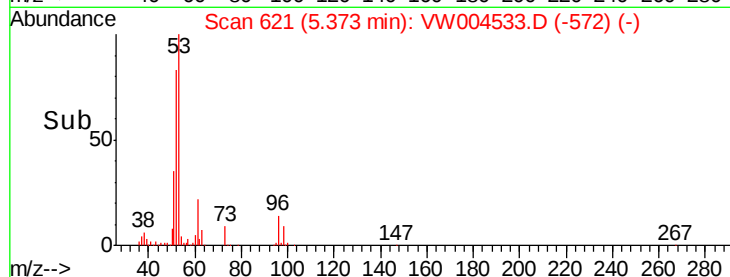
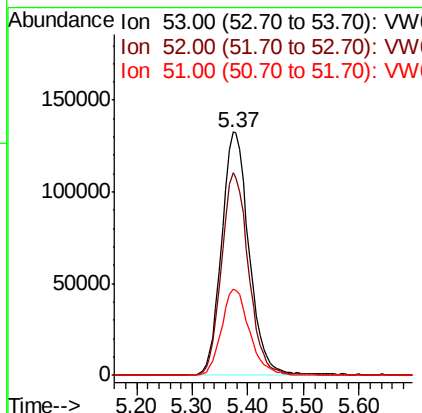
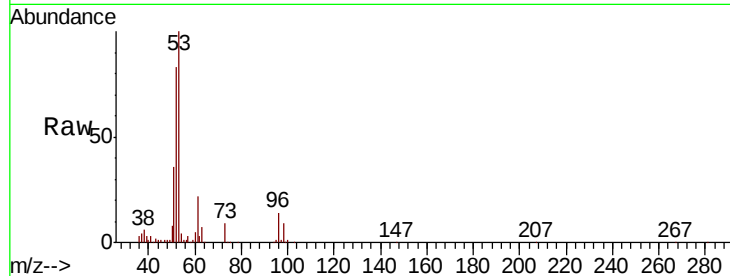
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	450104
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.5	99.7
51	35.9	28.4	42.6

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#16

Acetone

Concen: 245.72 ug/l

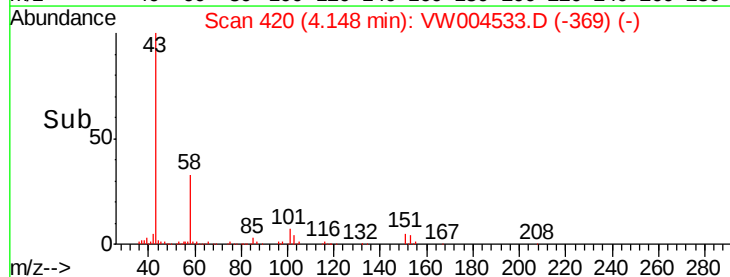
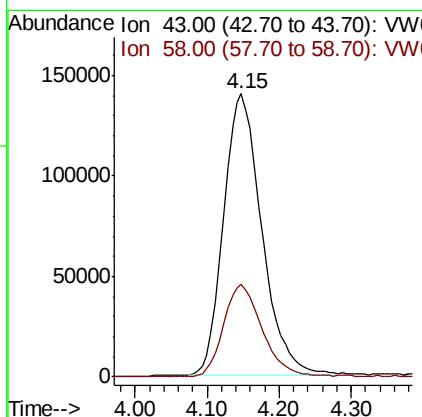
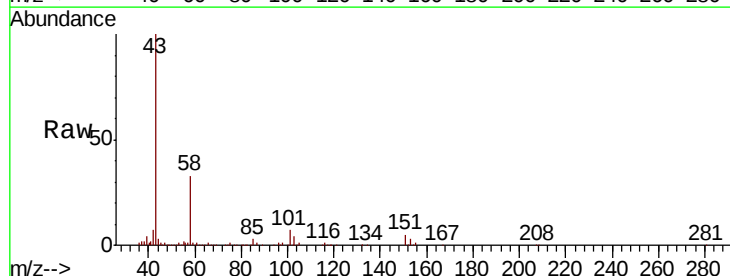
RT: 4.15 min Scan# 420

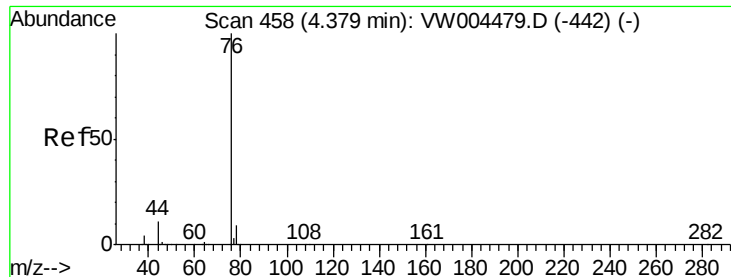
Delta R.T. 0.01 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion:	43	Resp:	517609
Ion Ratio		Lower	Upper
43	100		
58	32.9	26.8	40.2





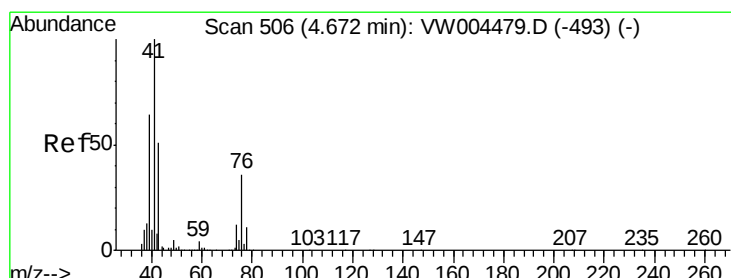
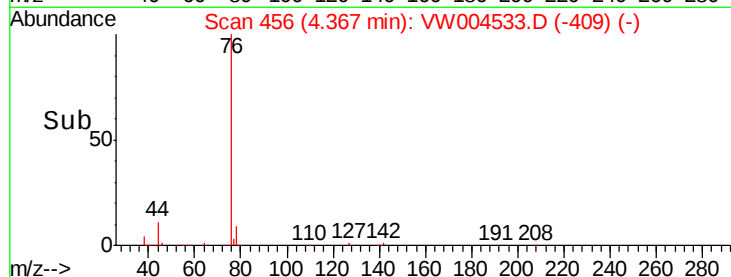
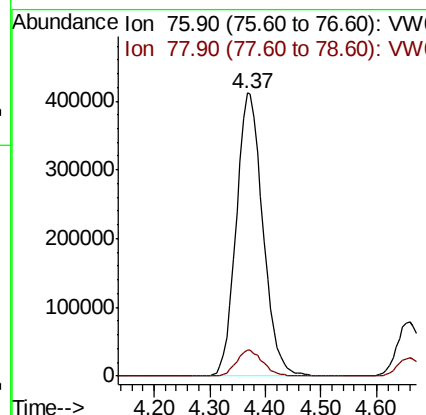
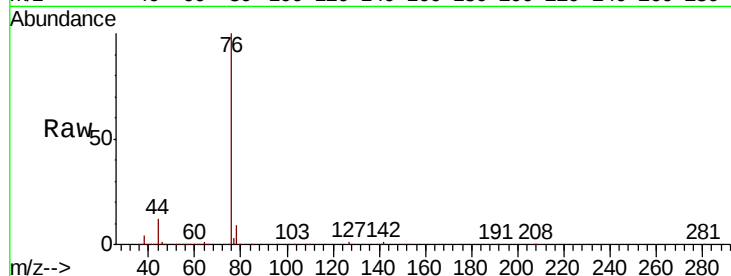
#17
Carbon Disulfide
Concen: 50.80 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1364294
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

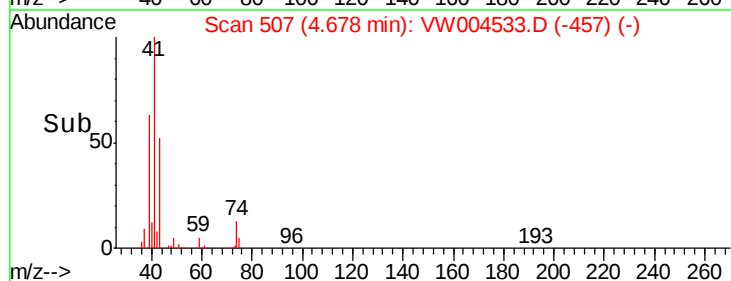
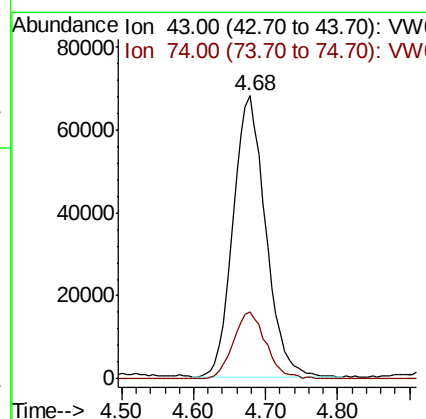
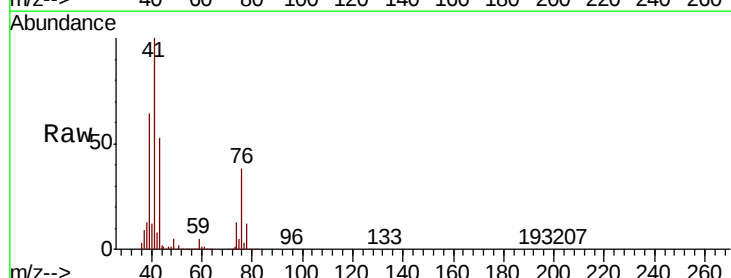
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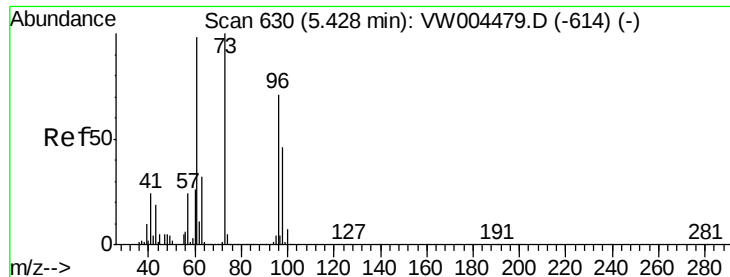
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#18
Methyl Acetate
Concen: 40.69 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion: 43 Resp: 213738
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7





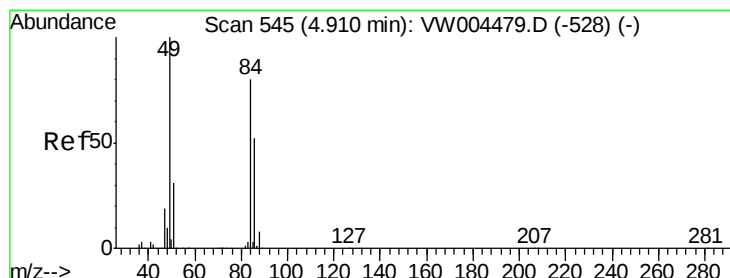
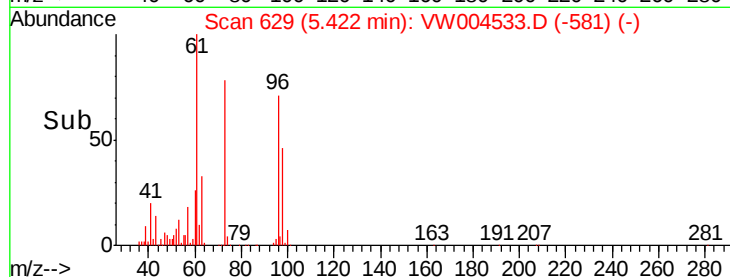
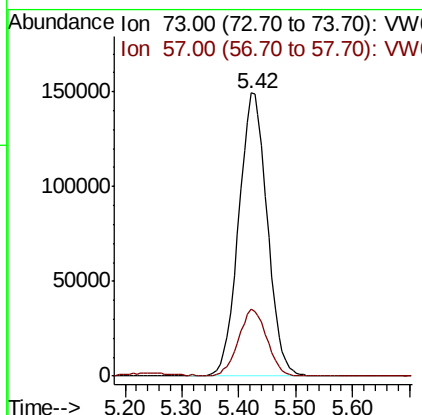
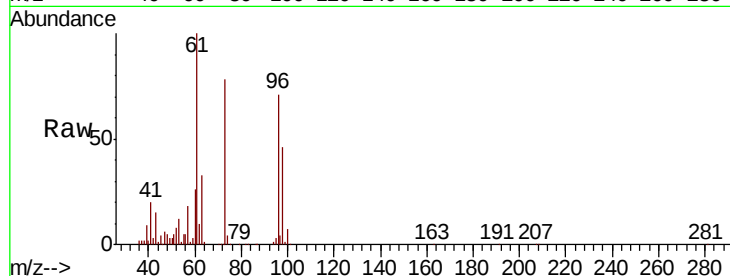
#19
Methvl tert-butvl Ether
Concen: 45.77 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.6	29.4

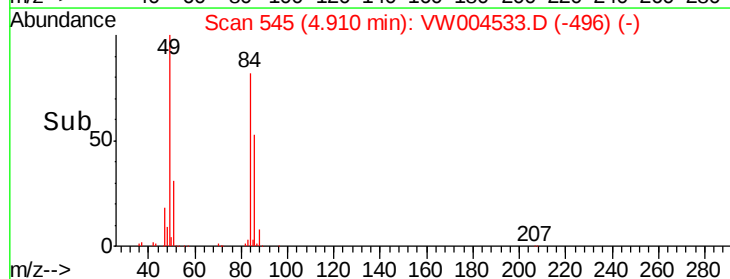
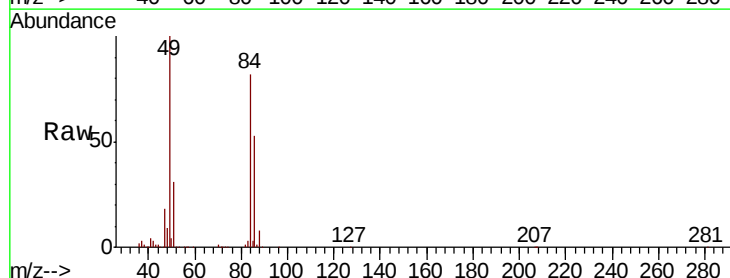
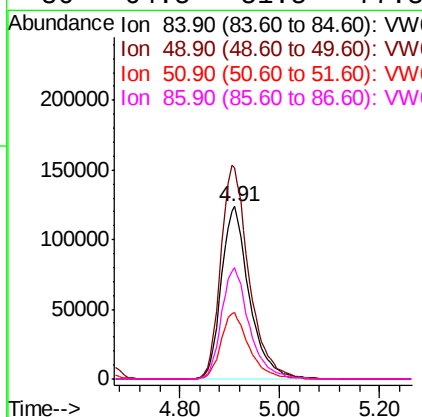
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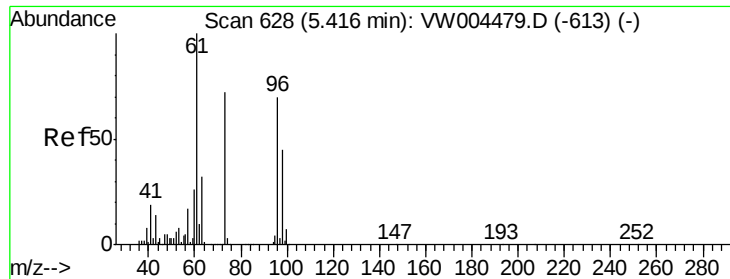
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#20
Methylene Chloride
Concen: 46.17 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.6	149.4
51	38.4	31.0	46.4
86	64.5	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 49.83 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

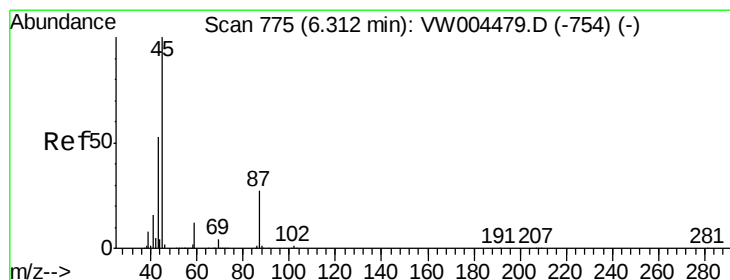
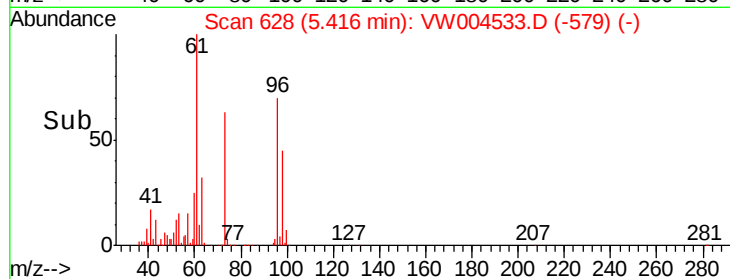
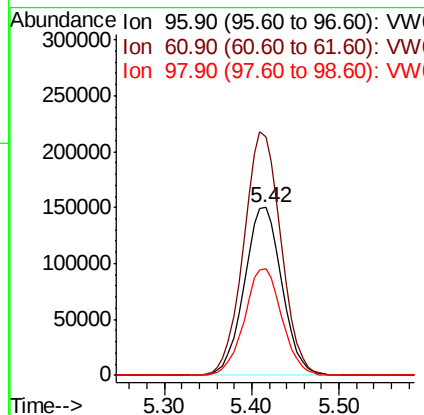
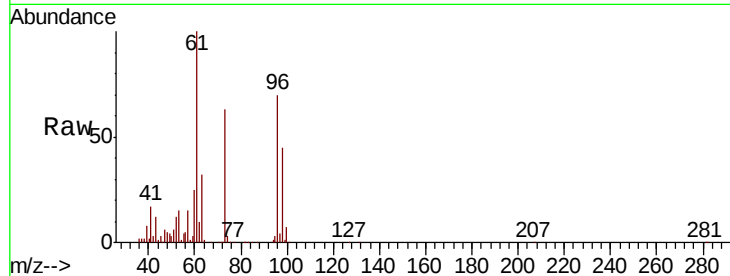
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	448716
Ion	Ratio	Lower	Upper
96	100		
61	142.1	114.1	171.1
98	63.8	51.4	77.2

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#22

Diisopropyl ether

Concen: 50.58 ug/l

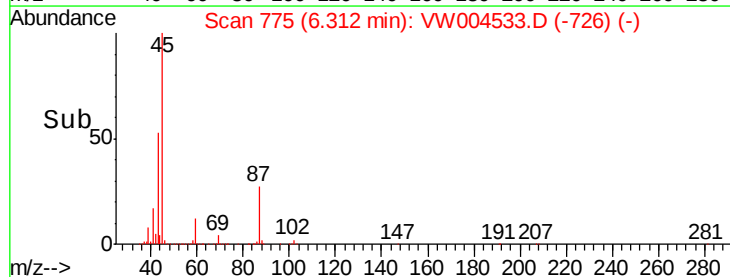
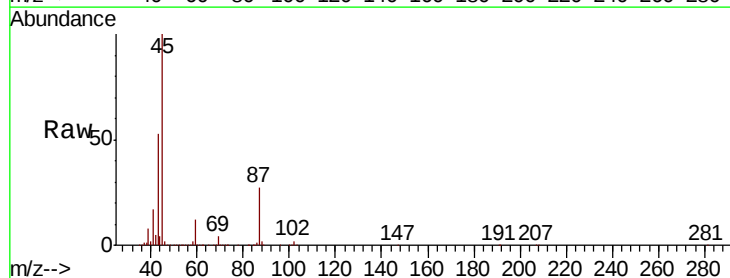
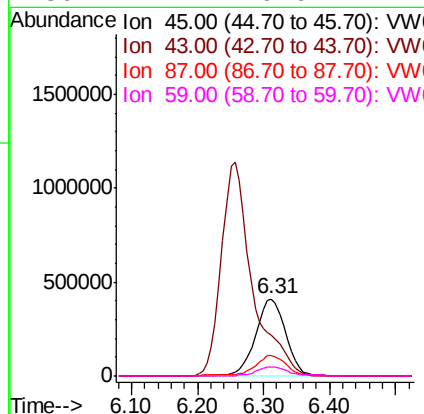
RT: 6.31 min Scan# 775

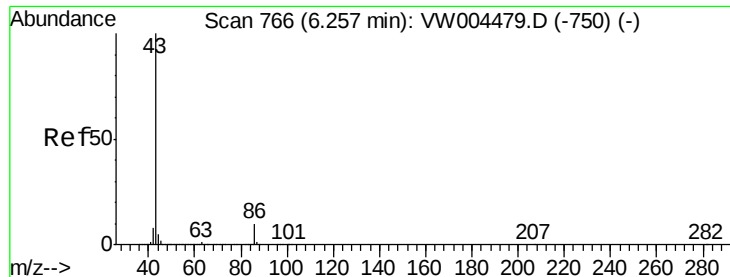
Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion:	45	Resp:	1304900
Ion	Ratio	Lower	Upper
45	100		
43	52.6	42.4	63.6
87	27.1	21.6	32.4
59	11.7	9.6	14.4





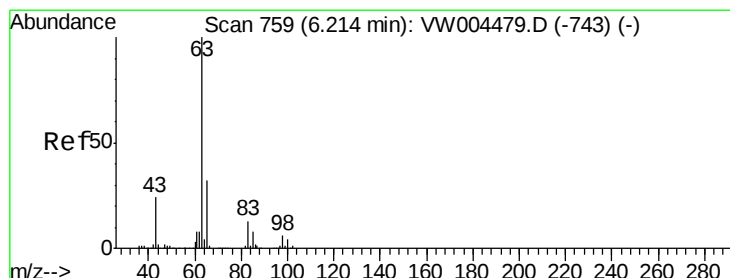
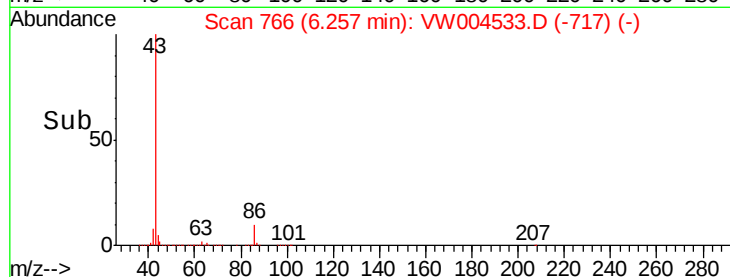
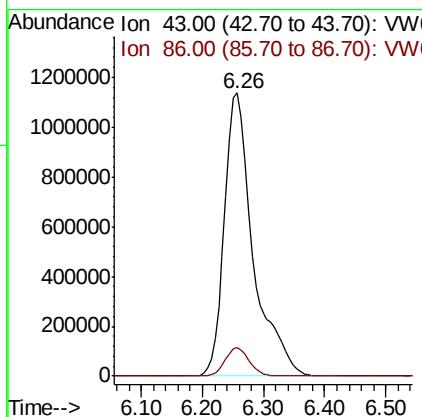
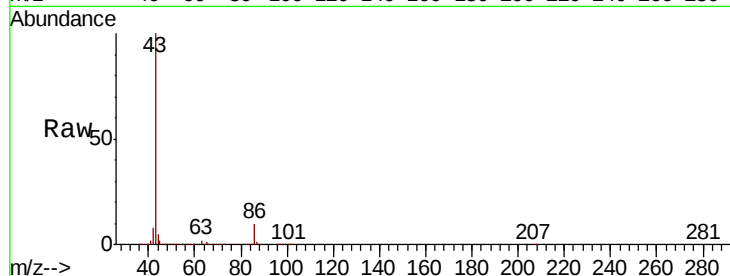
#23
 Vinyl Acetate
 Concen: 239.04 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.9	11.9

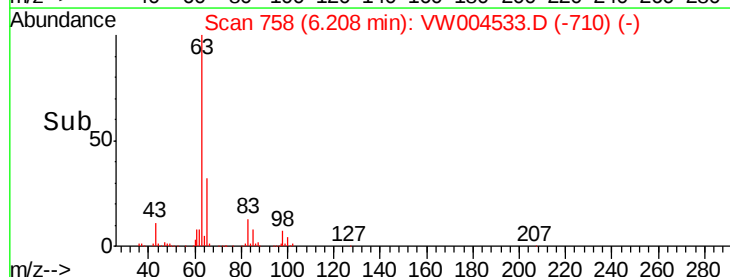
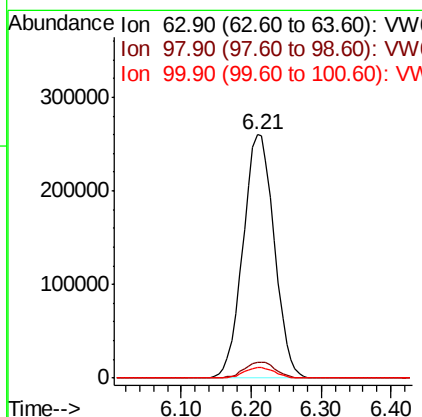
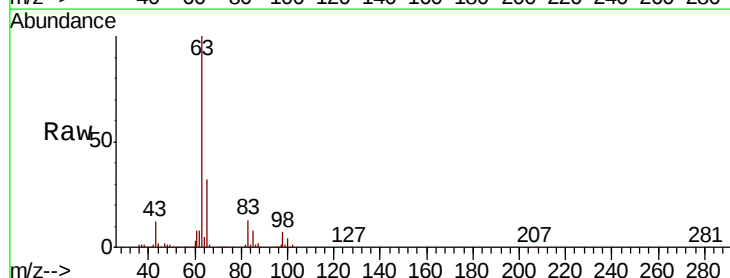
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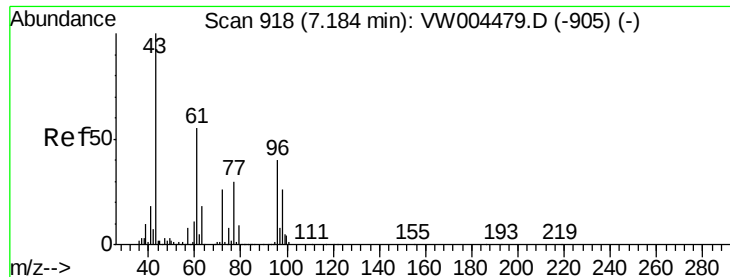
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#24
 1,1-Dichloroethane
 Concen: 48.87 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.1	9.3
100	4.4	2.1	6.5





#25

2-Butanone

Concen: 215.82 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 731313

Ion Ratio Lower Upper

43 100

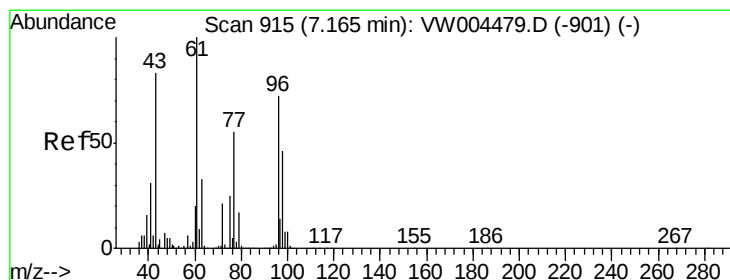
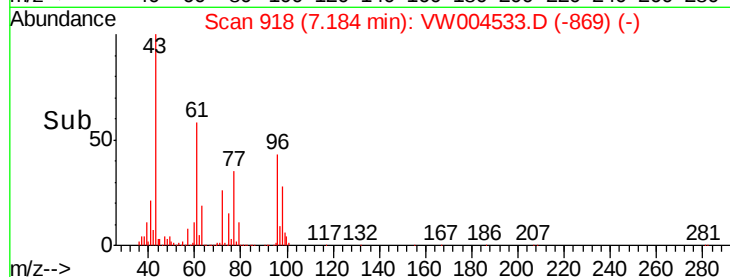
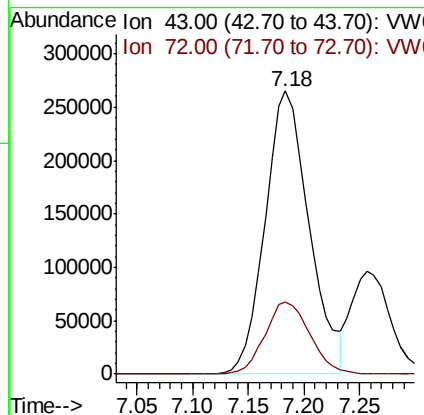
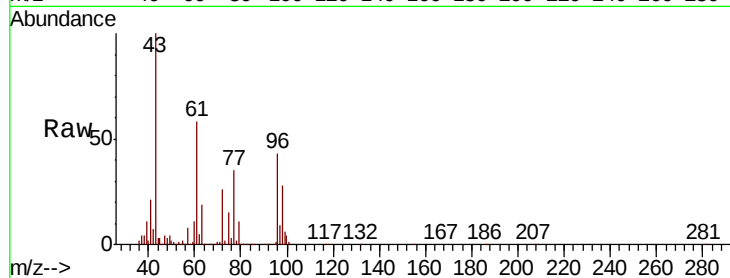
72 25.7 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 51.47 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004533.D

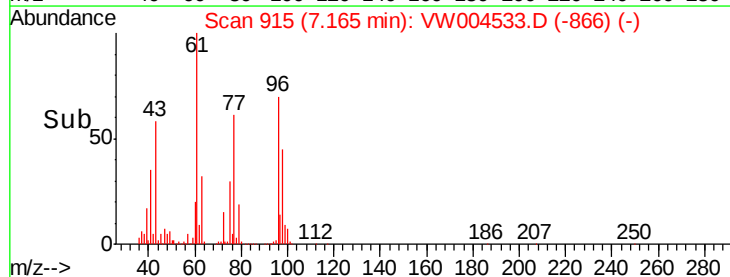
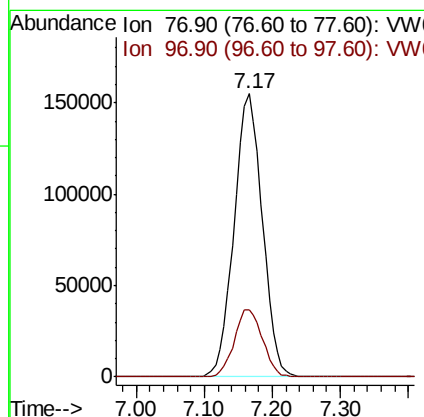
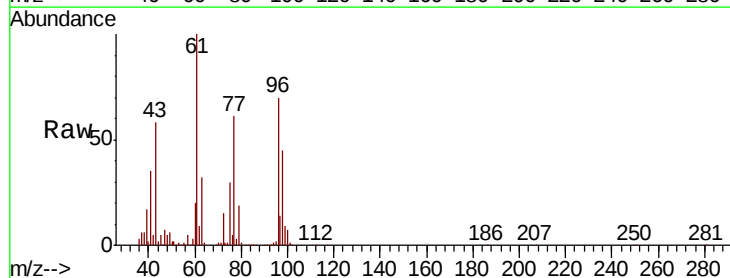
Acq: 08 Aug 2018 17:33

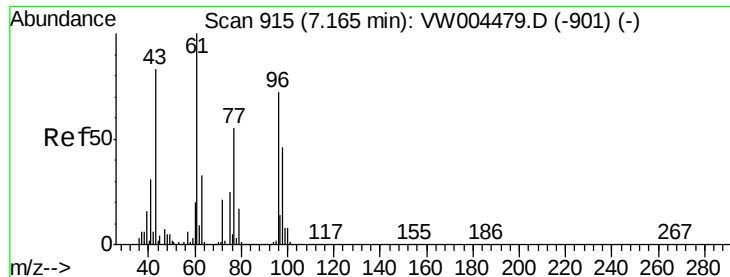
Tgt Ion: 77 Resp: 446149

Ion Ratio Lower Upper

77 100

97 23.8 12.5 37.5





#27

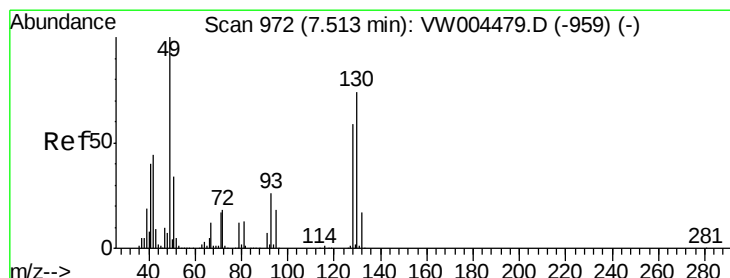
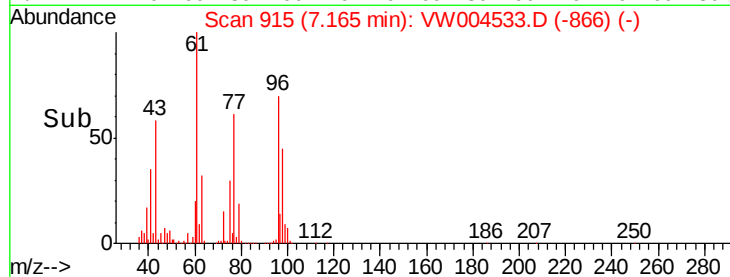
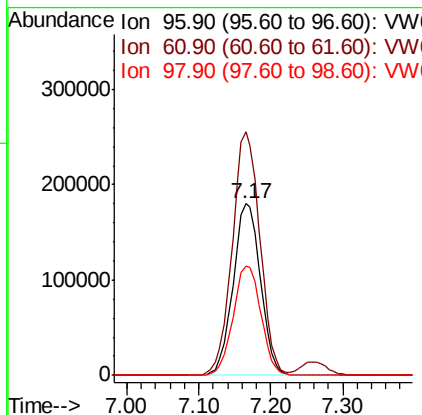
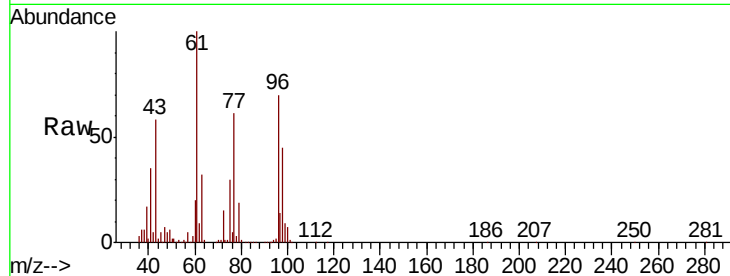
cis-1,2-Dichloroethene
 Concen: 49.11 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	475783		
61	143.1	0.0	285.0	
98	64.6	0.0	128.6	

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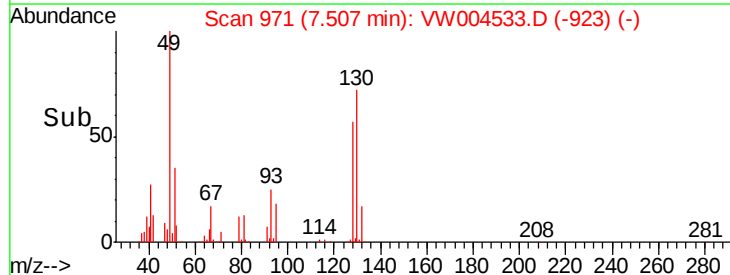
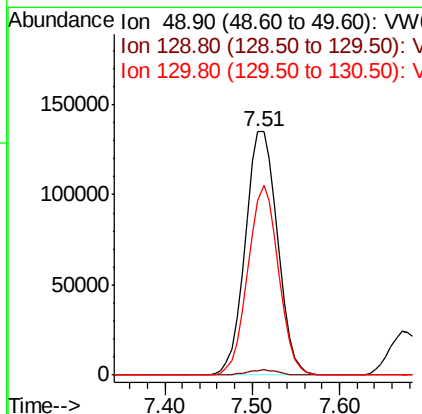
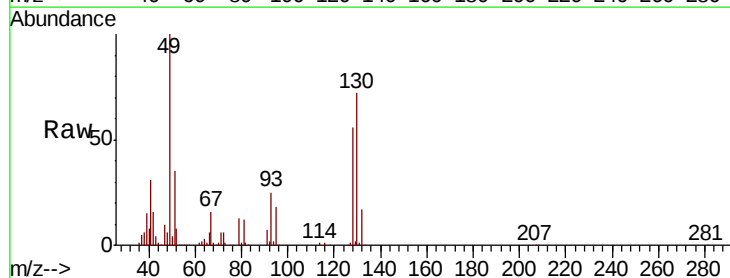
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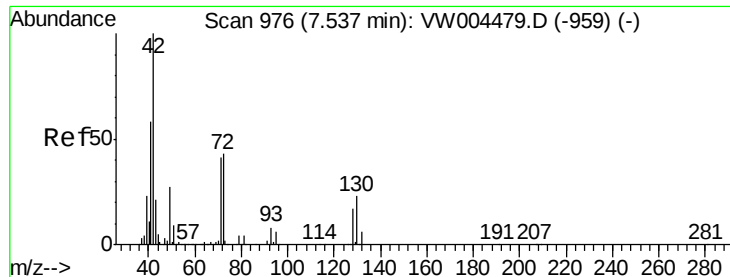


#28

Bromochloromethane
 Concen: 48.32 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	347190		
129	2.0	0.0	4.0	
130	73.8	58.8	88.2	





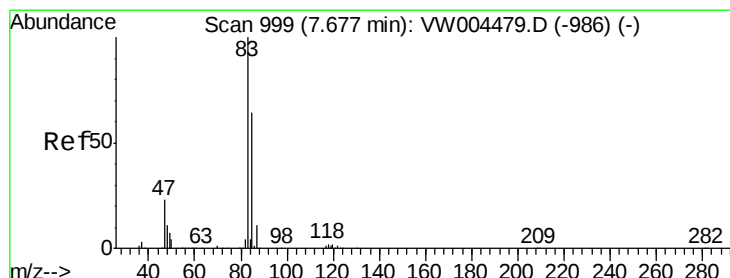
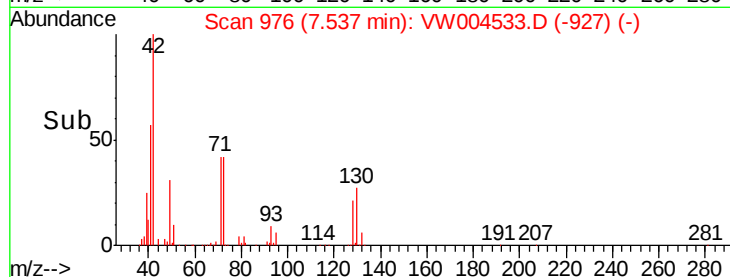
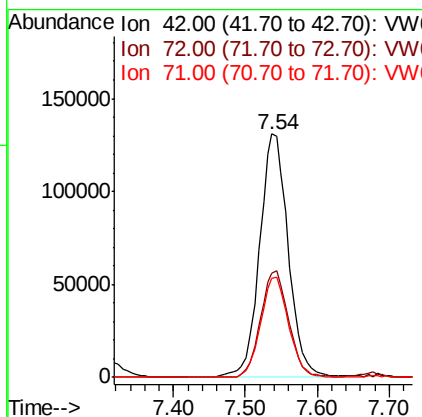
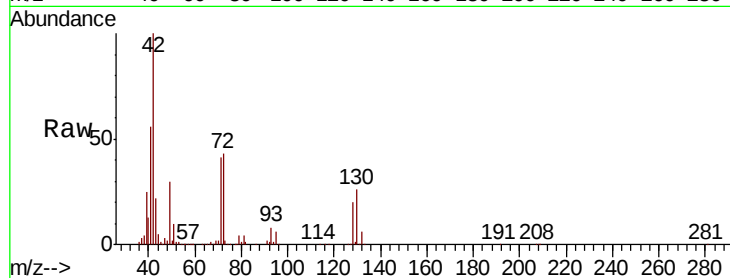
#29
Tetrahydrofuran
Concen: 205.56 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.1	51.1
71	40.3	32.5	48.7

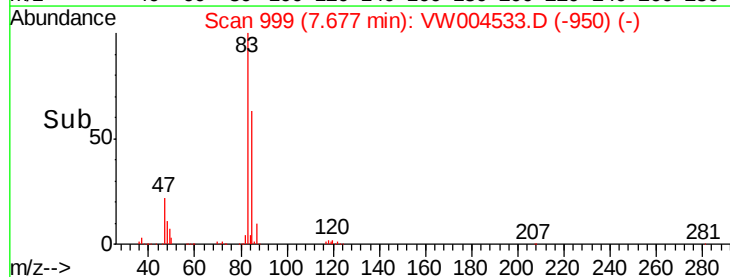
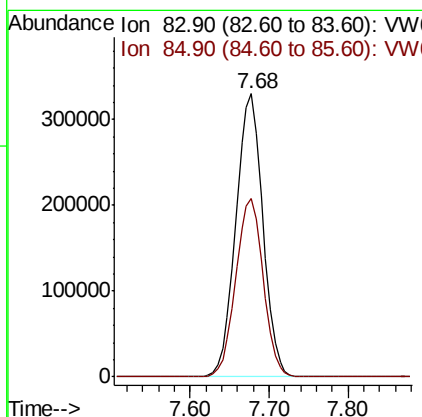
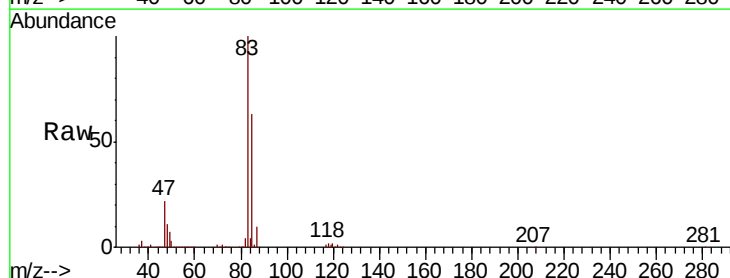
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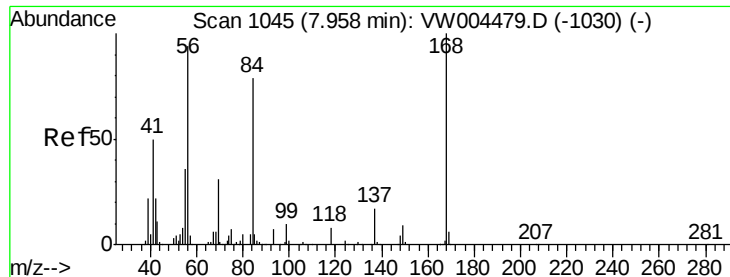
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#30
Chloroform
Concen: 48.46 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.3	76.9





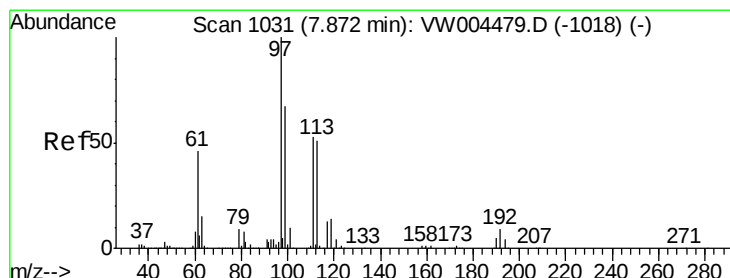
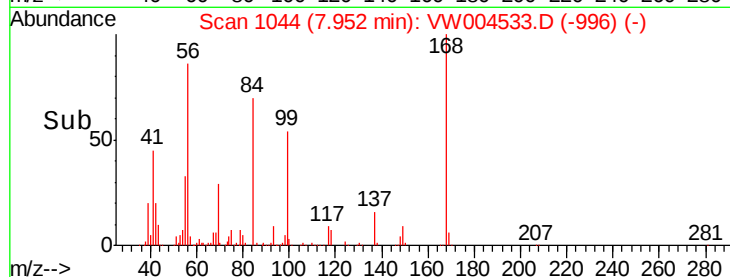
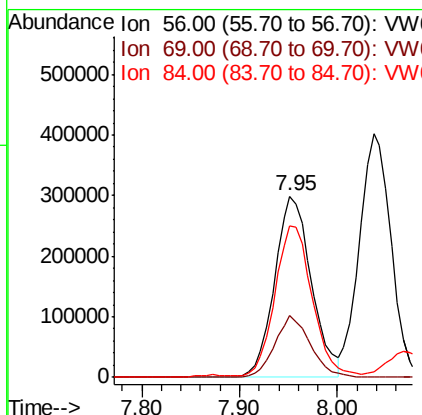
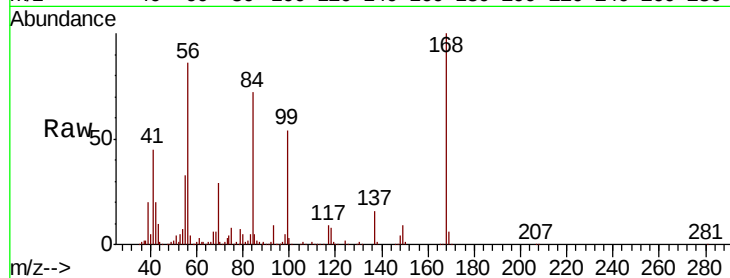
#31
Cyclohexane
Concen: 49.64 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	26.4	39.6
84	83.0	66.9	100.3

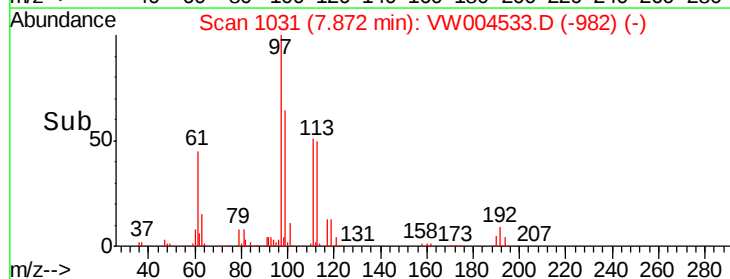
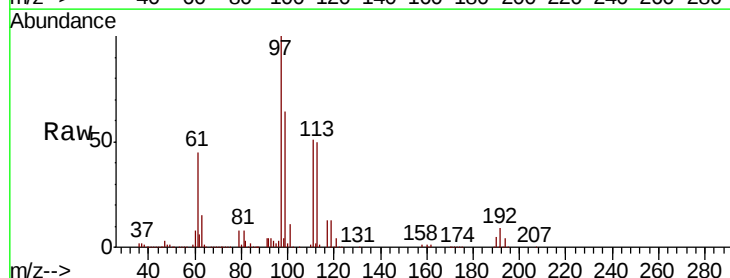
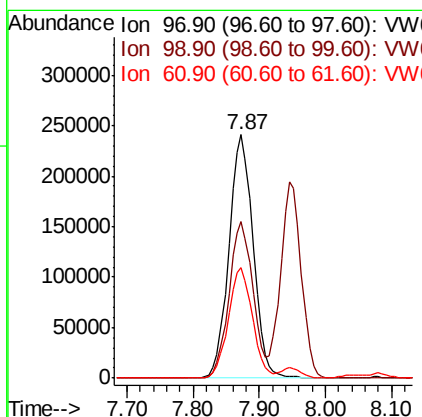
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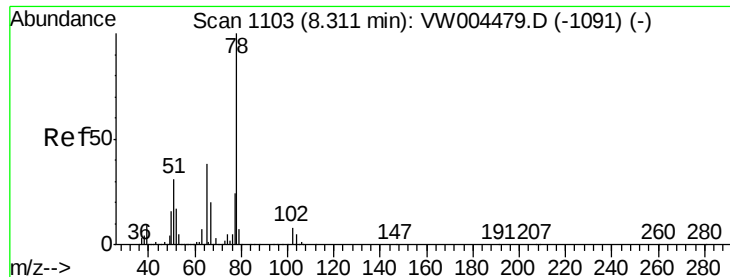
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#32
1,1,1-Trichloroethane
Concen: 50.06 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	45.1	35.7	53.5





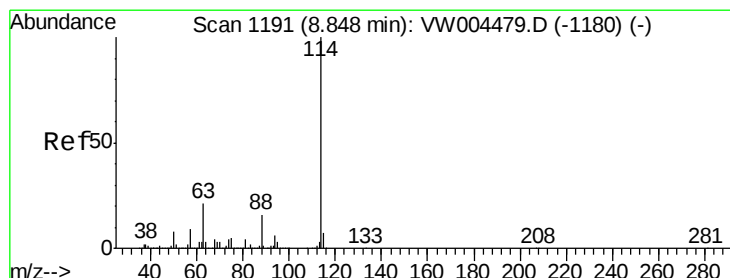
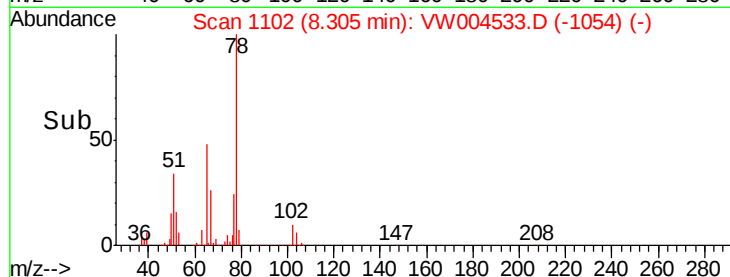
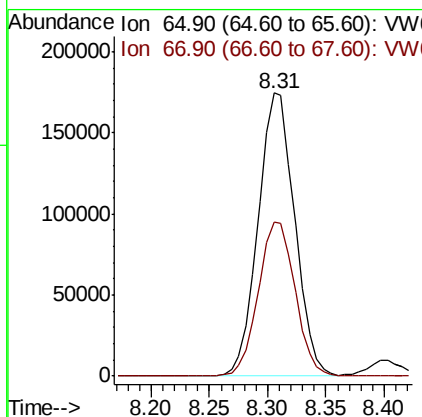
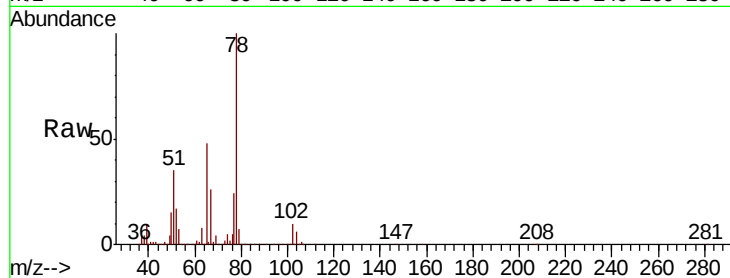
#33
 1,2-Dichloroethane-d4
 Concen: 45.02 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.0

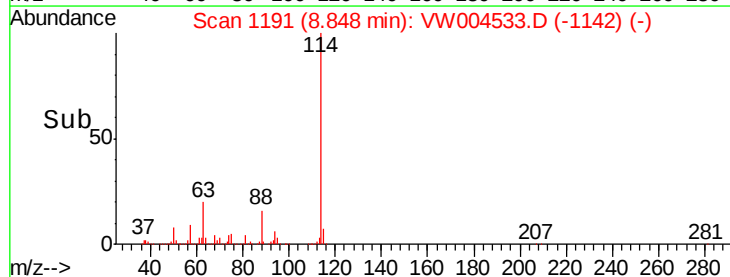
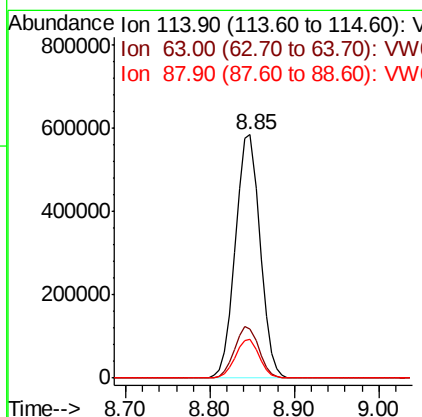
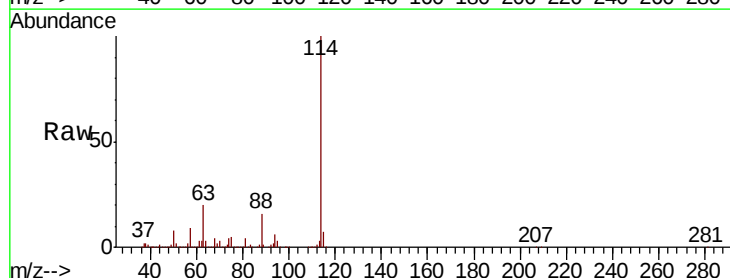
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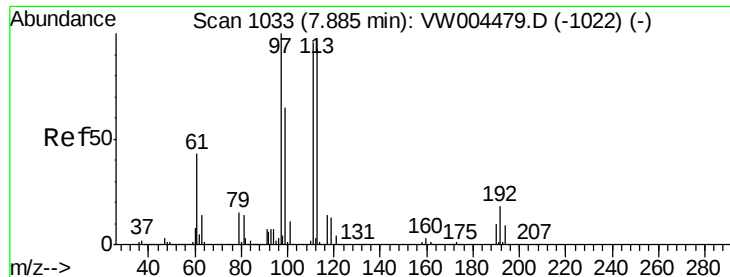
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	16.0	0.0	31.2





#35

Dibromofluoromethane

Concen: 49.16 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

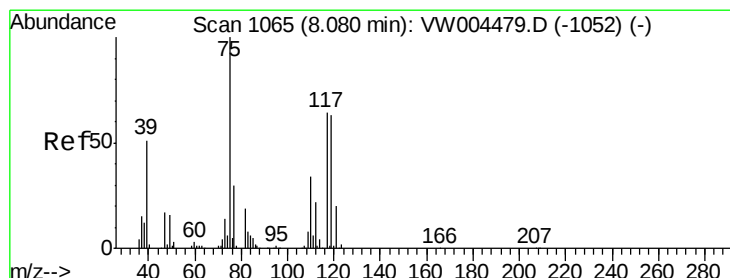
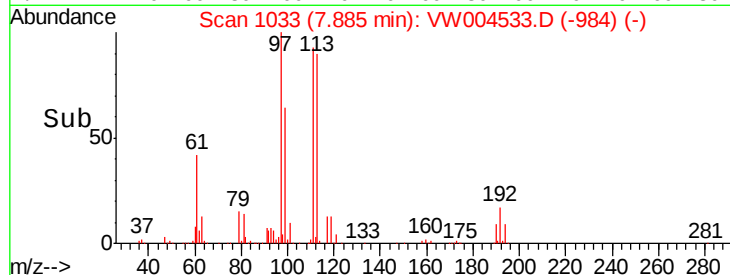
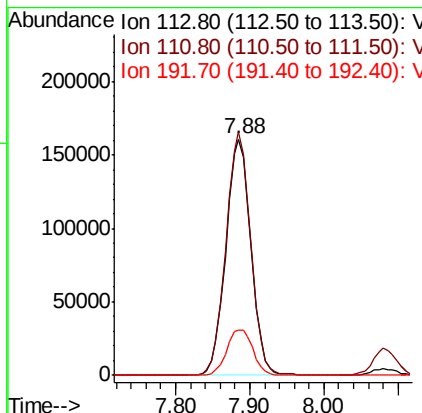
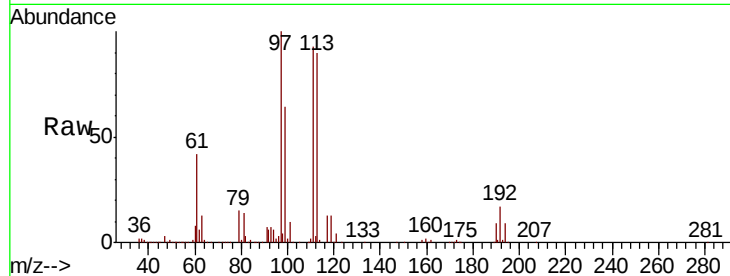
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	377135
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.9	124.3
192	20.3	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.66 ug/l

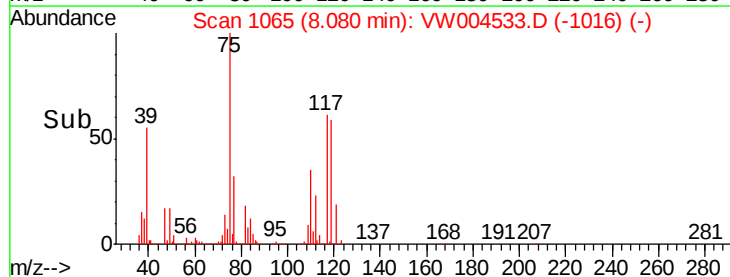
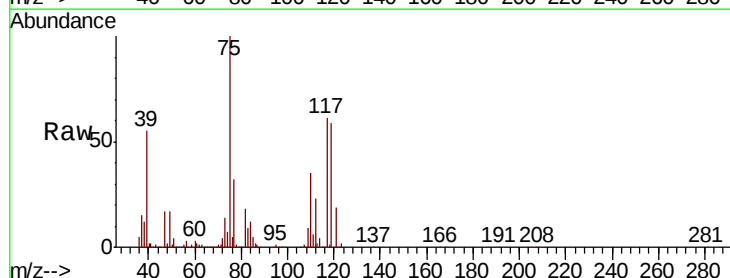
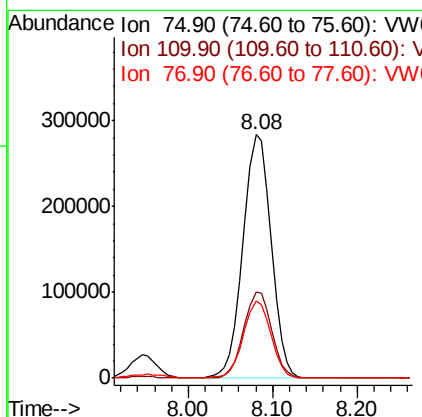
RT: 8.08 min Scan# 1065

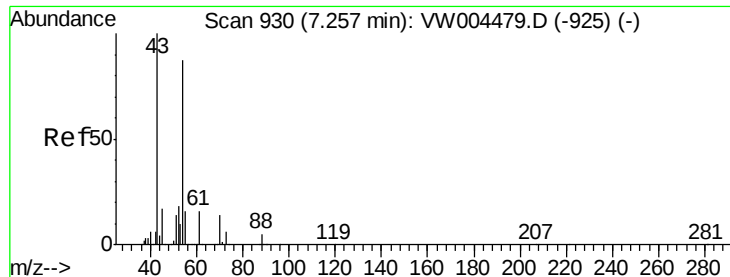
Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion:	75	Resp:	640012
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.4	52.2
77	31.1	24.7	37.1





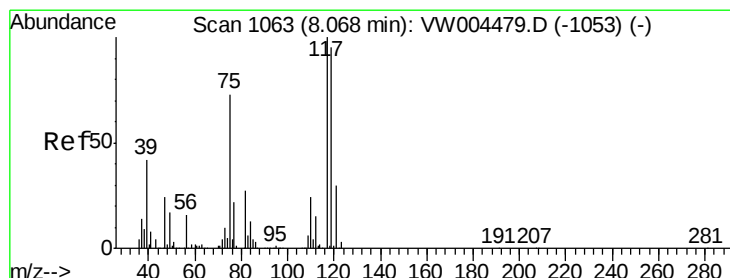
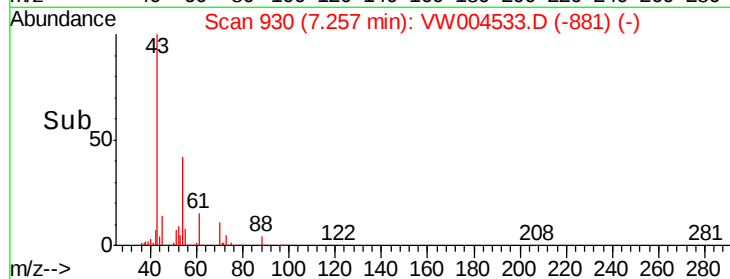
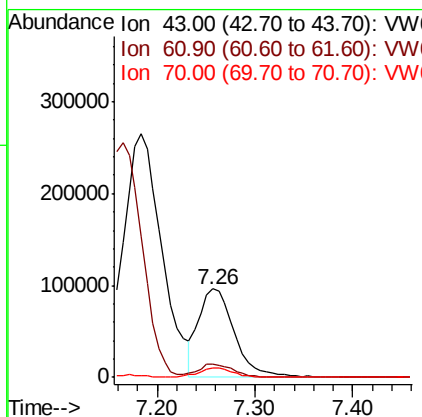
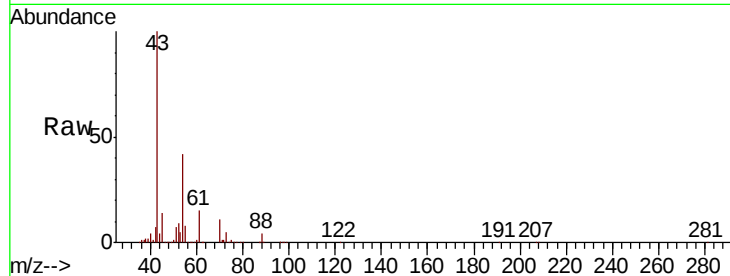
#37
Ethyl Acetate
Concen: 41.28 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	239483
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.9	17.9
70	11.0	8.2	12.4

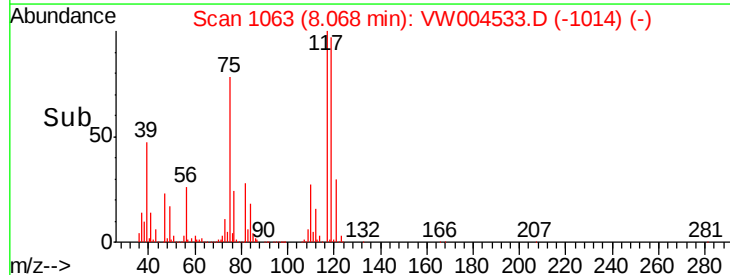
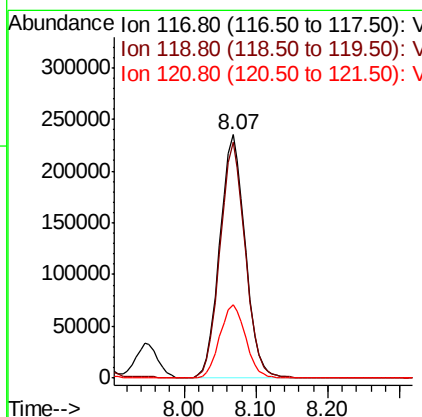
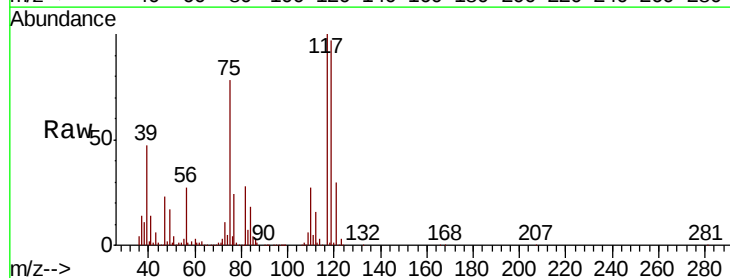
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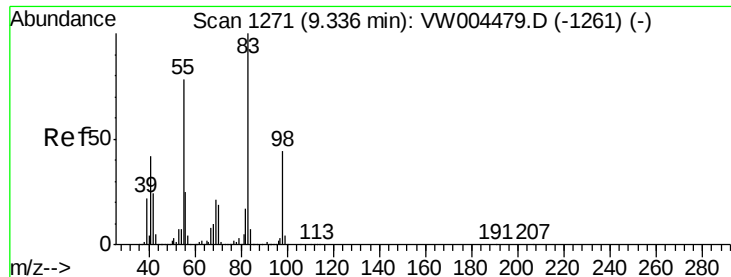
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#38
Carbon Tetrachloride
Concen: 51.98 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion:	117	Resp:	579477
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.1	114.1
121	30.4	24.2	36.4





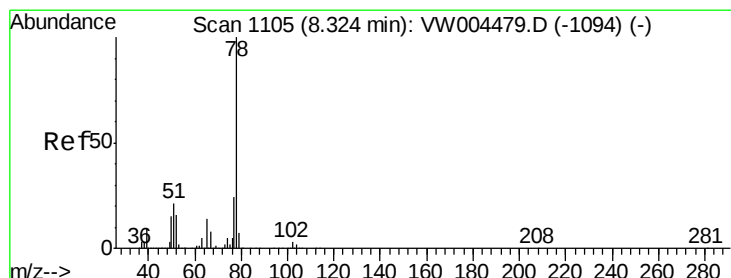
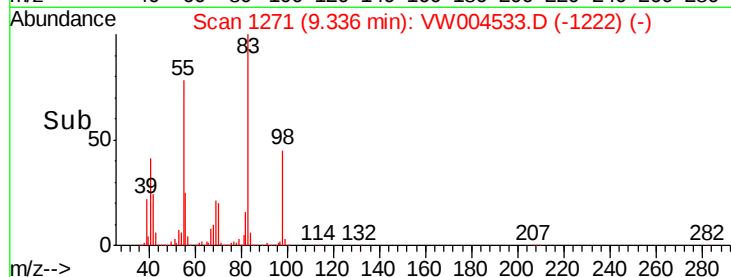
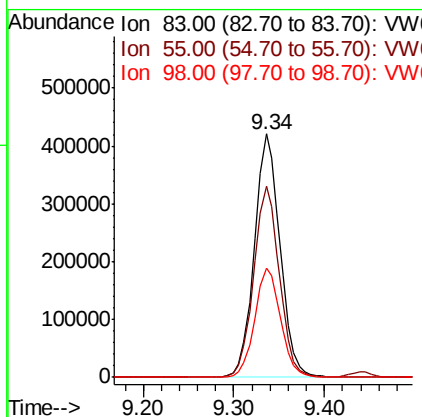
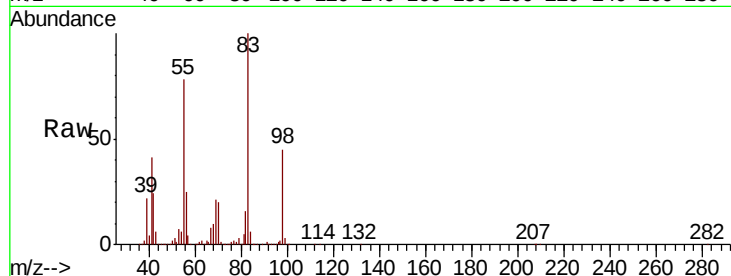
#39
Methvlcvclohexane
Concen: 54.06 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	820877
Ion Ratio	Lower	Upper	
83	100		
55	78.4	62.5	93.7
98	44.6	35.4	53.2

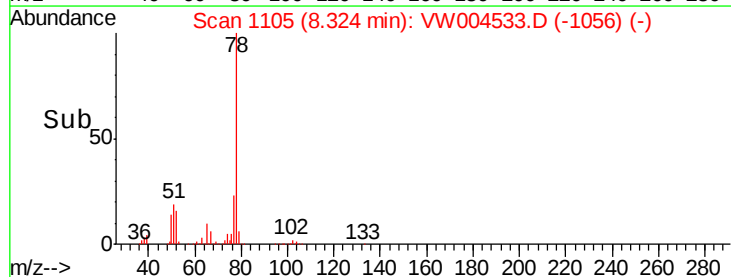
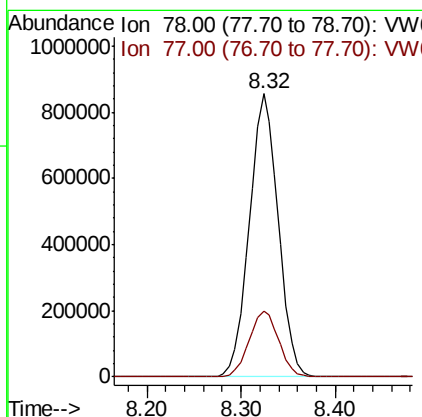
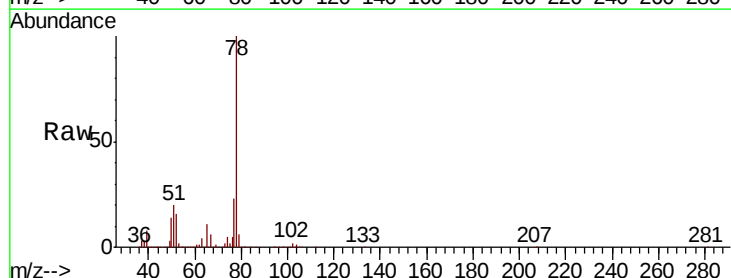
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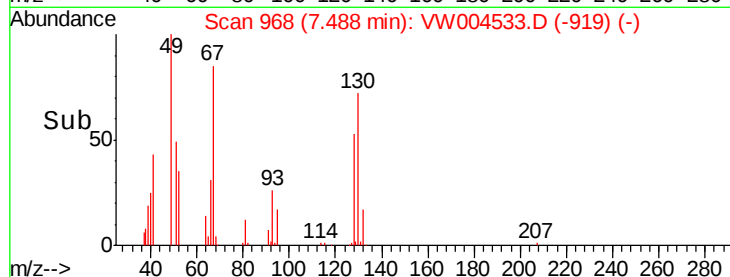
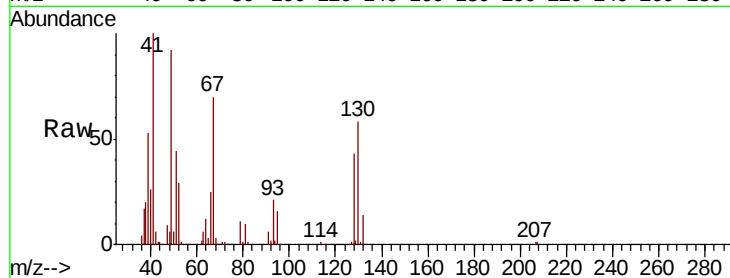
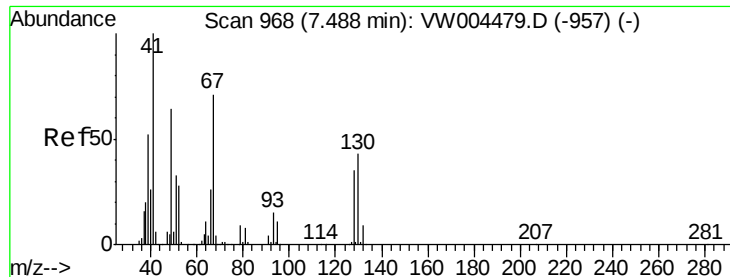
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#40
Benzene
Concen: 50.61 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	78	Resp	1840915
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.6





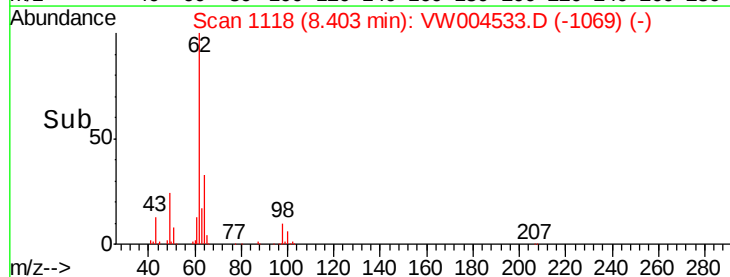
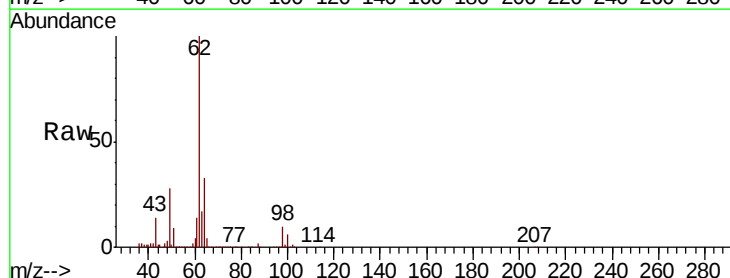
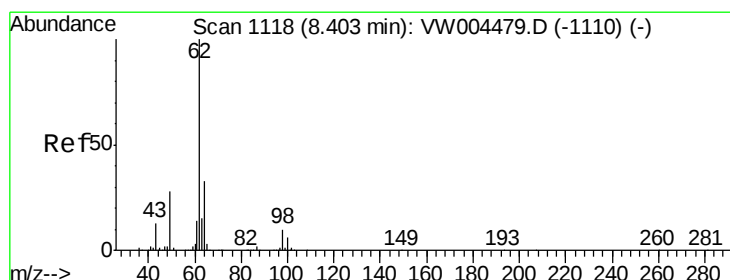
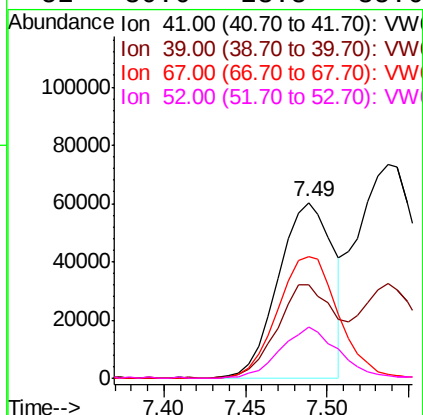
#41
Methacrylonitrile
Concen: 43.30 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tot Ion	41	Resp	140324
Ion Ratio	Lower	Upper	
41	100		
39	57.8	46.2	69.2
67	77.7	60.8	91.2
52	30.6	23.8	35.6

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

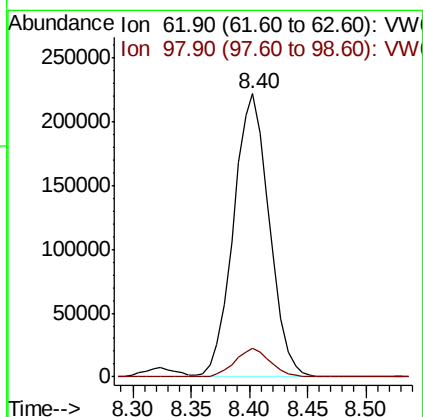
Manual Integrations
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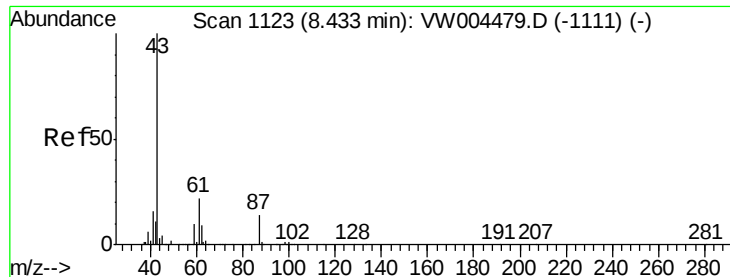
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#42
1,2-Dichloroethane
Concen: 47.00 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	62	Resp	473064
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.6





#43

Isopropyl Acetate

Concen: 44.29 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

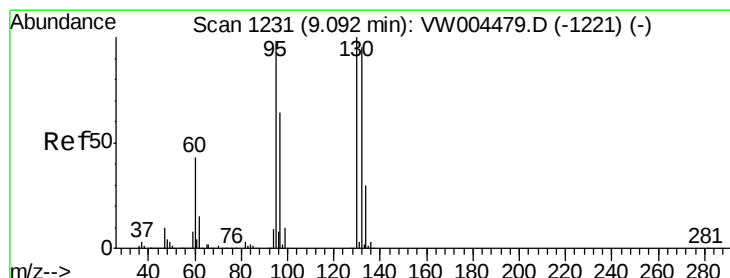
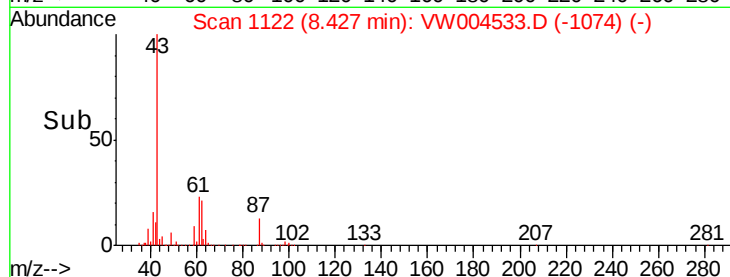
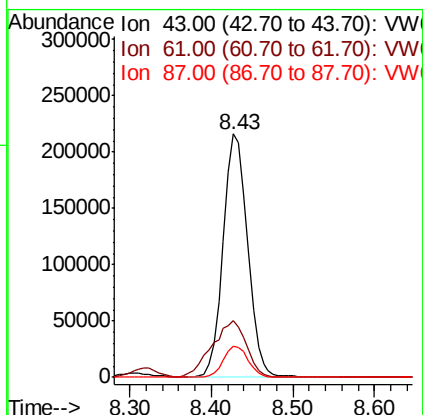
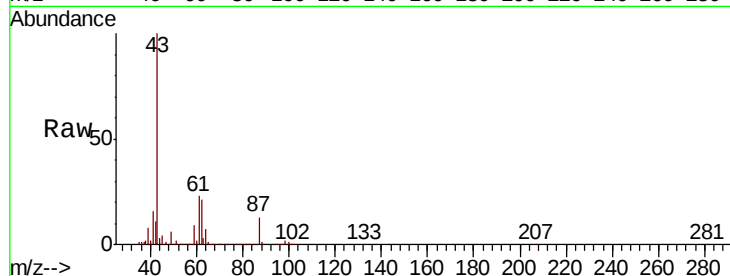
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	447909
Ion	Ratio	Lower	Upper
43	100		
61	32.9	25.2	37.8
87	13.0	10.6	16.0

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#44

Trichloroethene

Concen: 50.09 ug/l

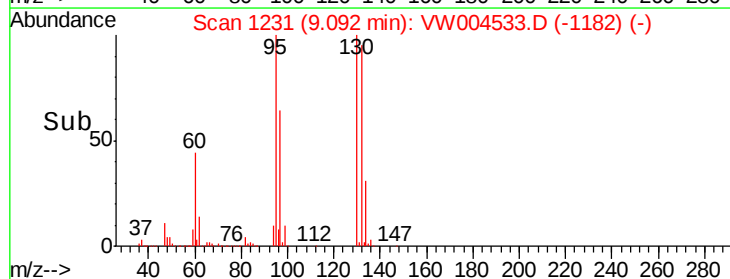
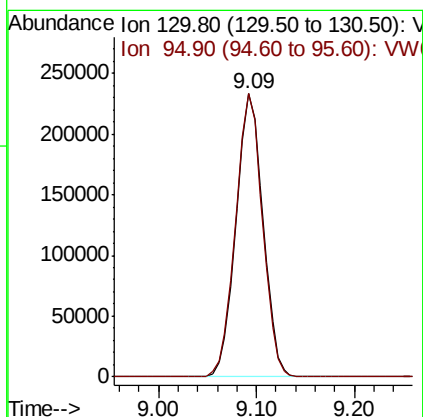
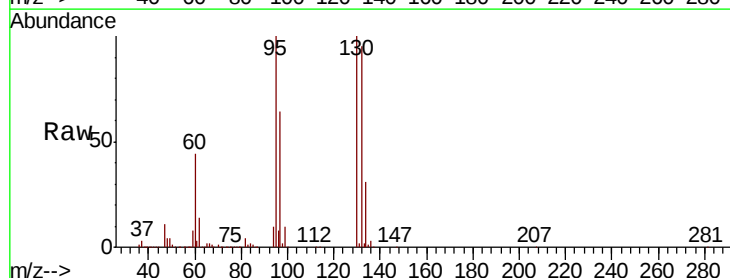
RT: 9.09 min Scan# 1231

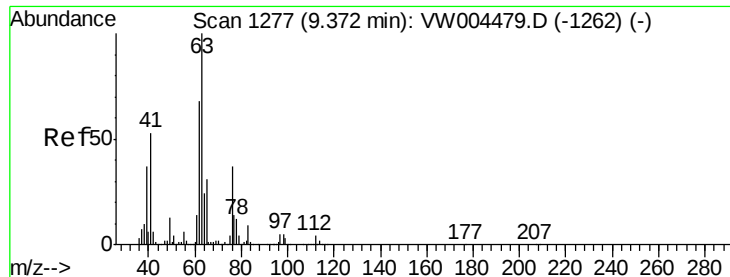
Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion:	130	Resp:	447789
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	196.2





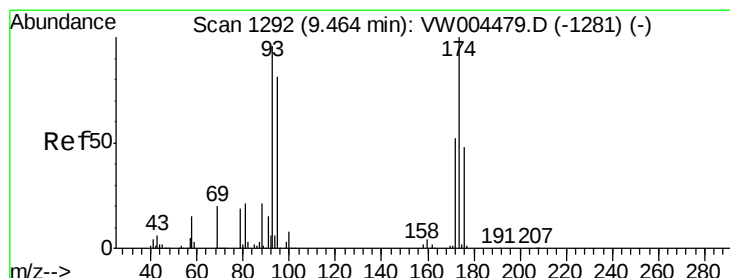
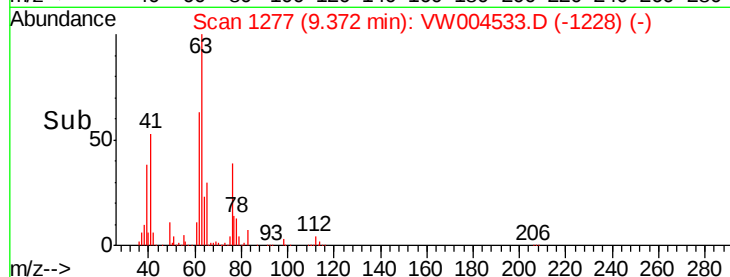
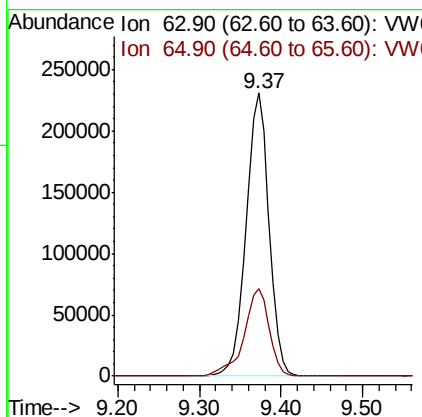
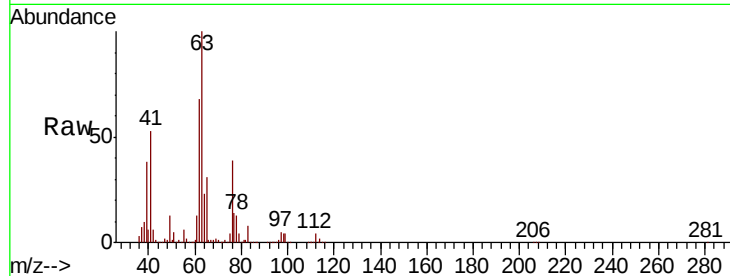
#45
 1,2-Dichloropropane
 Concen: 49.64 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.5	36.7

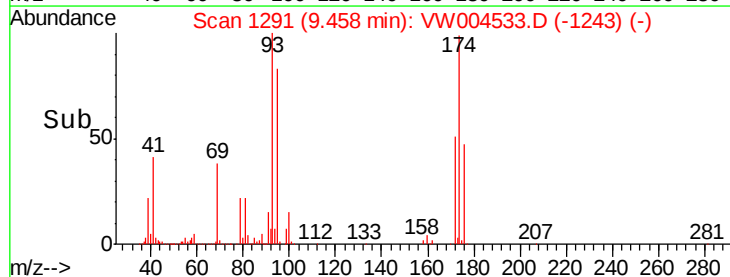
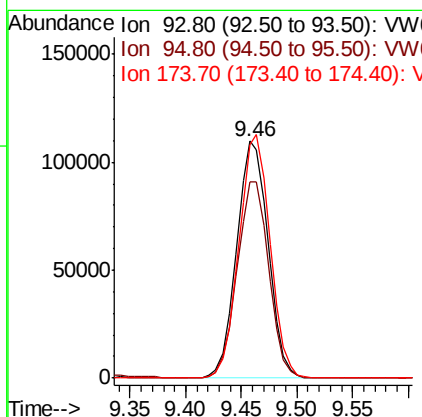
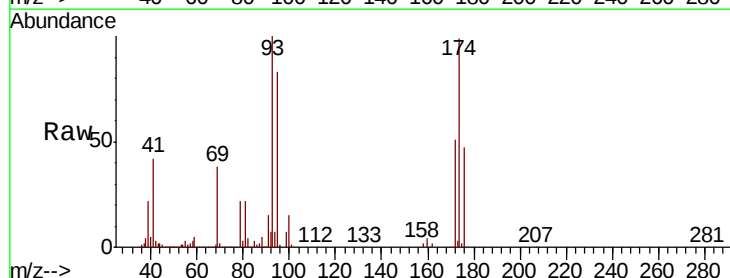
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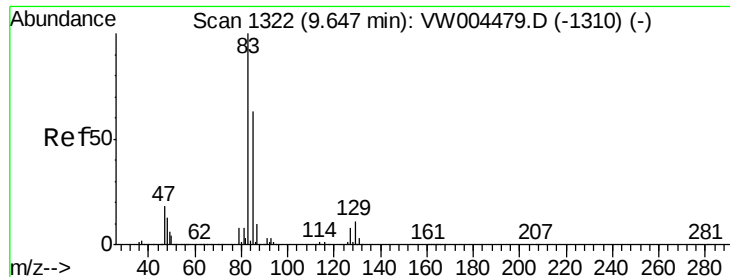
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#46
 Dibromomethane
 Concen: 46.40 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.0	100.4
174	102.0	80.2	120.4





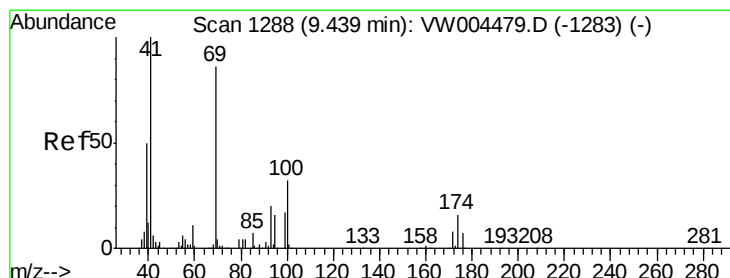
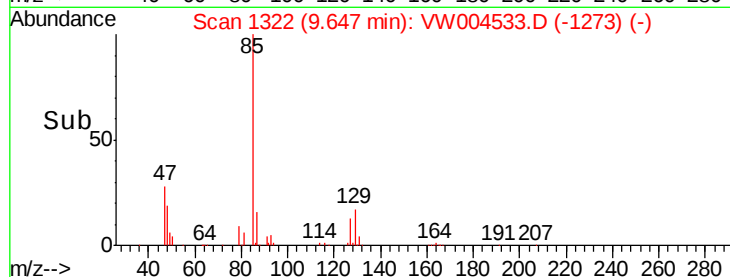
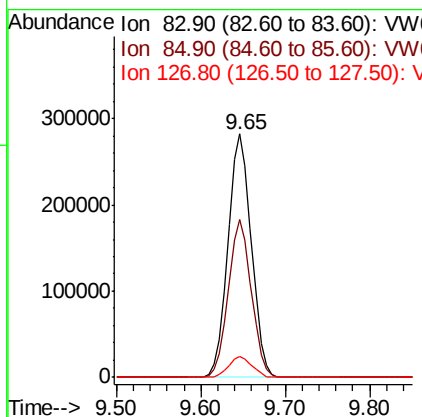
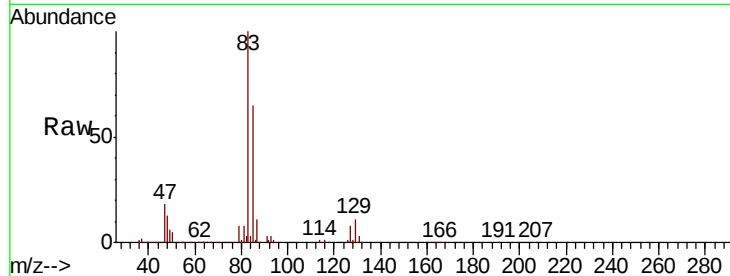
#47
 Bromodichloromethane
 Concen: 48.45 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.0	50.7	76.1	
127	8.4	6.5	9.7	

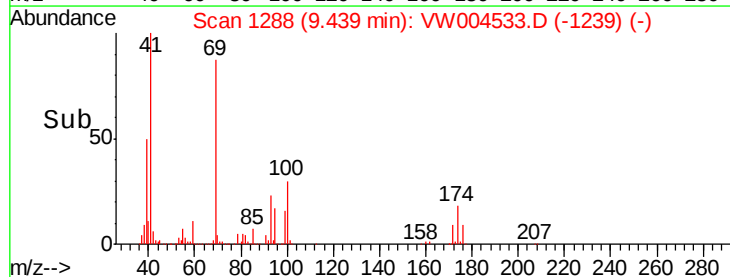
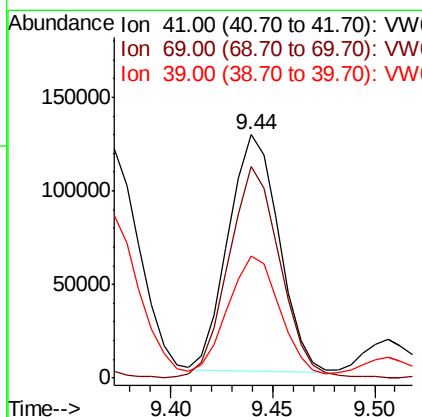
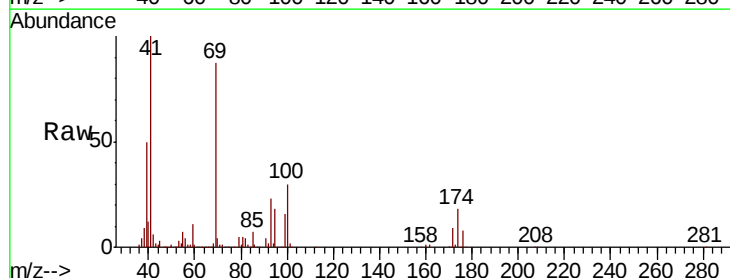
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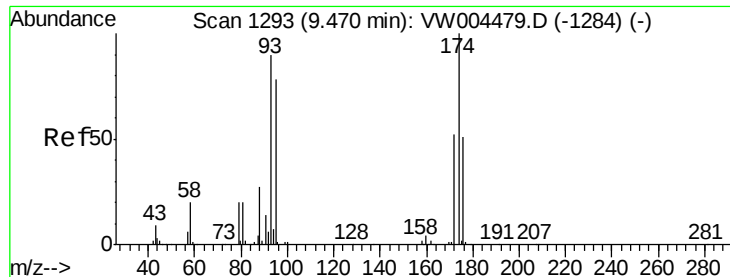
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#48
 Methyl methacrylate
 Concen: 46.19 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	90.3	73.2	109.8	
39	50.3	40.6	60.8	





#49

1,4-Dioxane

Concen: 898.11 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.02 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

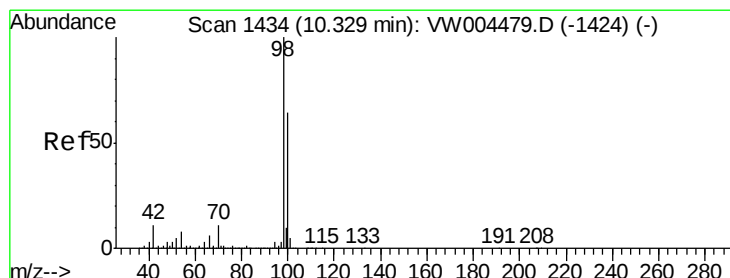
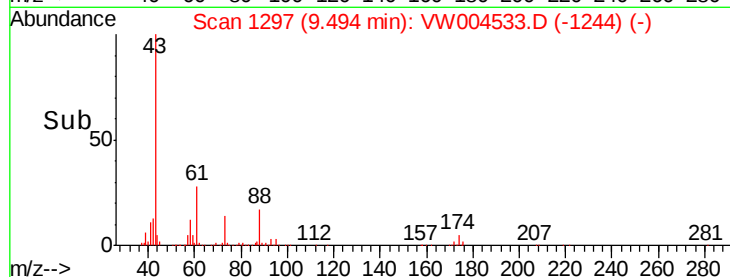
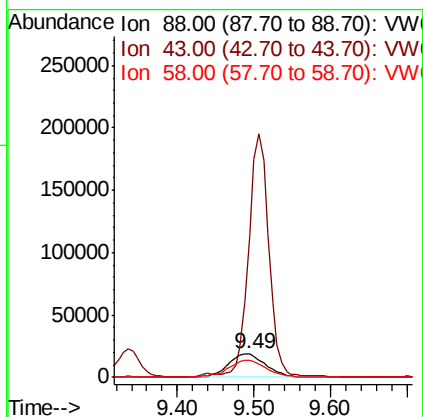
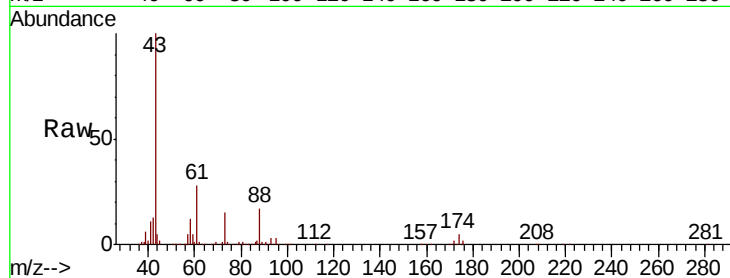
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	564.1	0.0	0.0#
58	74.8	63.5	95.3

Manual Integrations
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#50

Toluene-d8

Concen: 51.10 ug/l

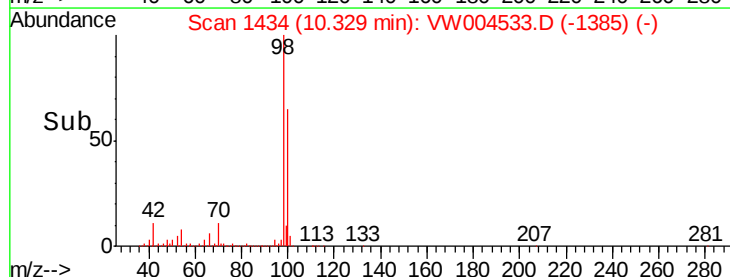
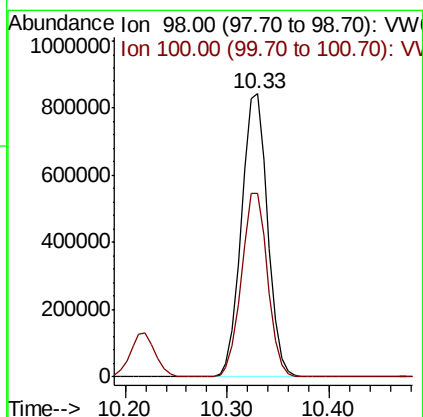
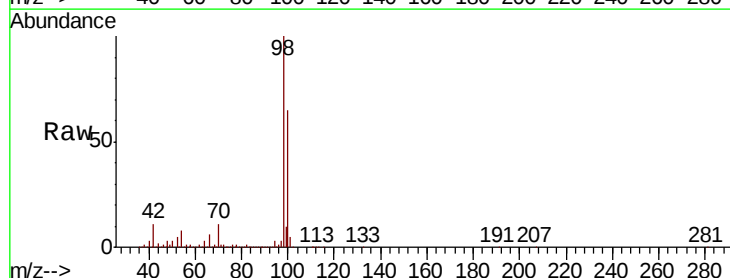
RT: 10.33 min Scan# 1434

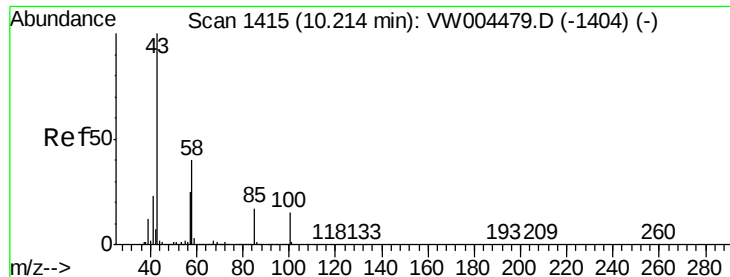
Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.2





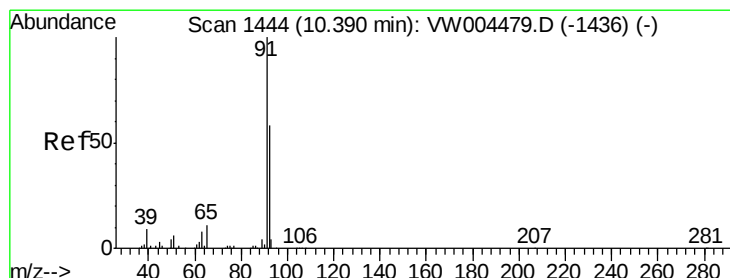
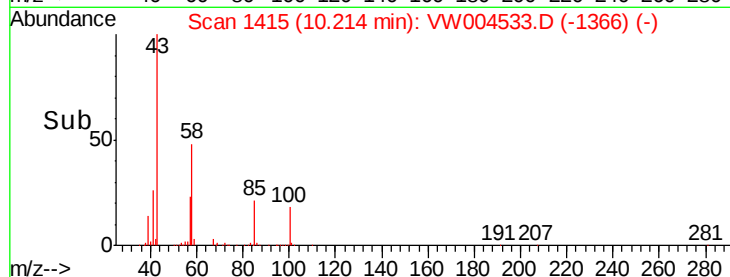
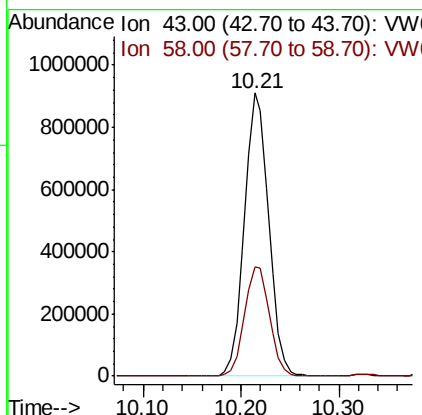
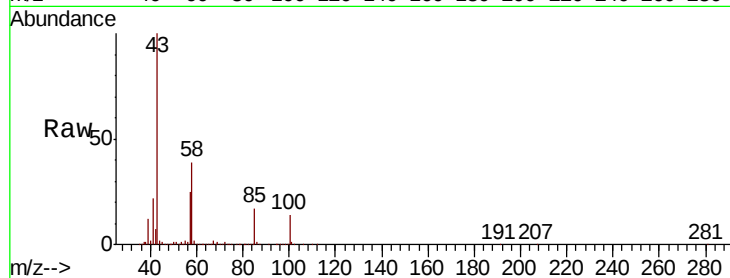
#51
4-Methyl-2-Pentanone
Concen: 222.66 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1567428
Ion Ratio Lower Upper
43 100
58 39.7 31.9 47.9

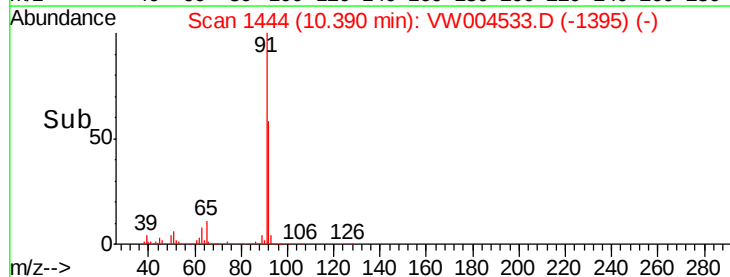
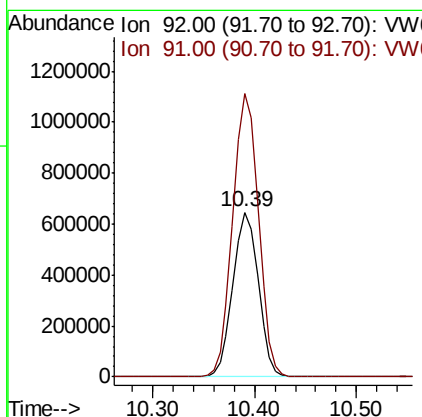
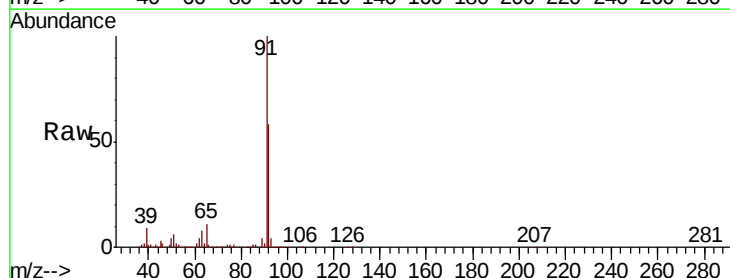
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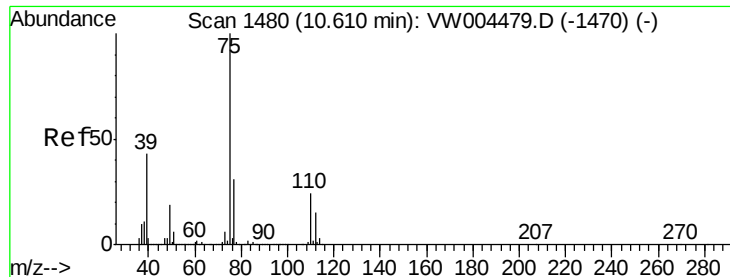
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#52
Toluene
Concen: 51.92 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion: 92 Resp: 1113839
Ion Ratio Lower Upper
92 100
91 174.1 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 49.25 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 541321

Ion Ratio Lower Upper

75 100

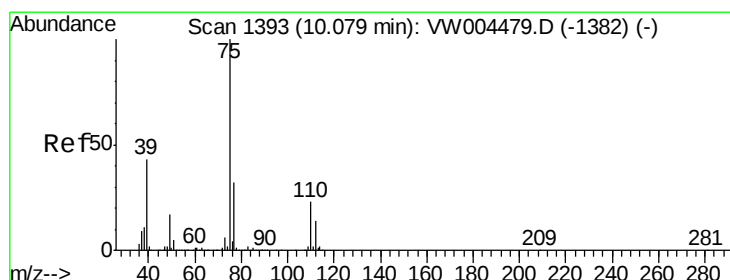
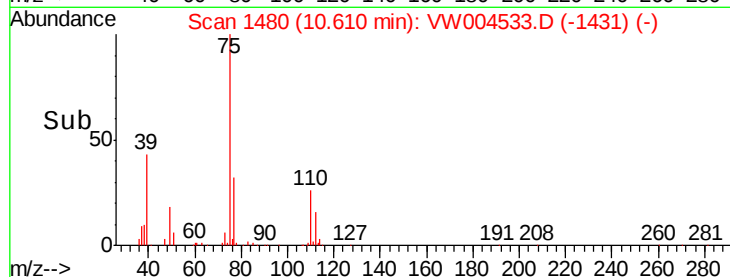
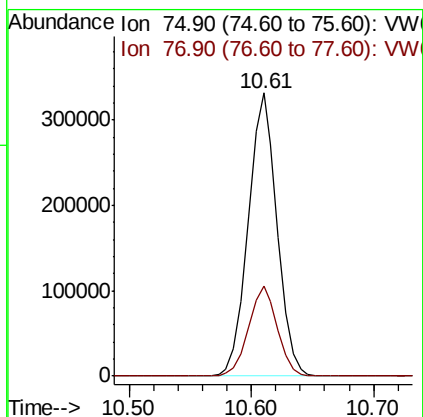
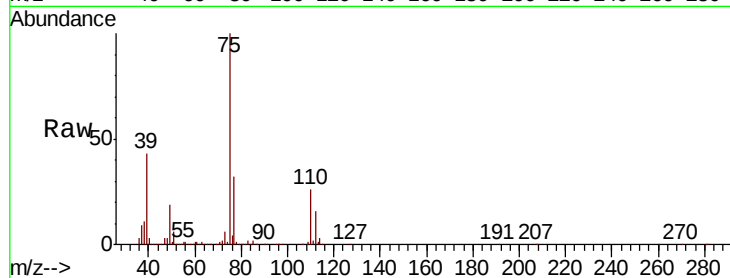
77 31.9 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.74 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

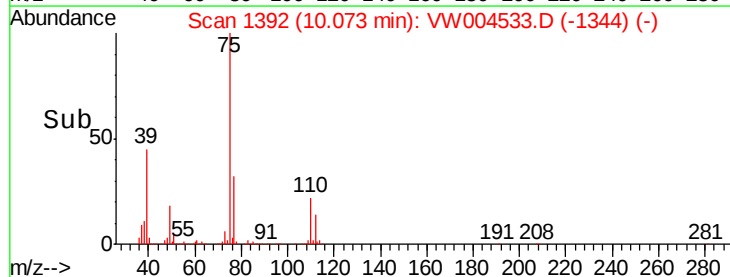
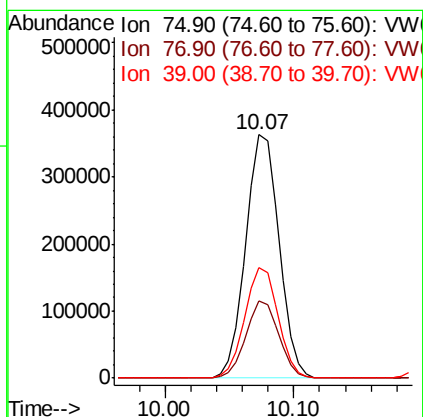
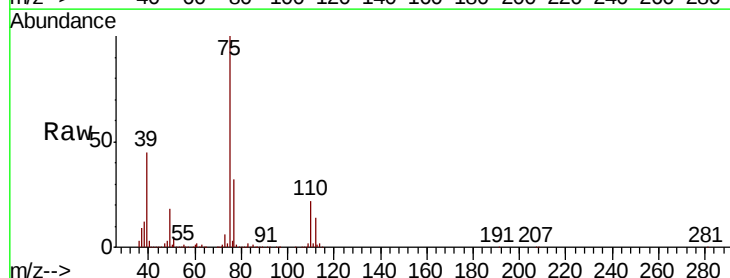
Tgt Ion: 75 Resp: 650003

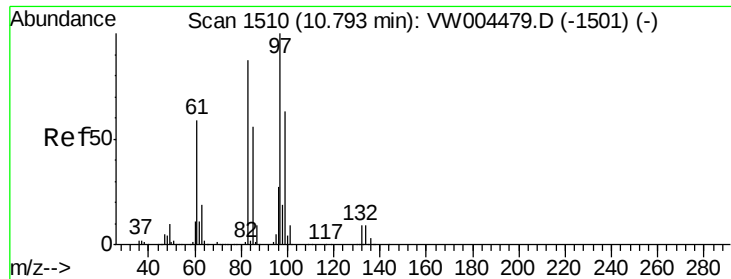
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 45.2 34.5 51.7





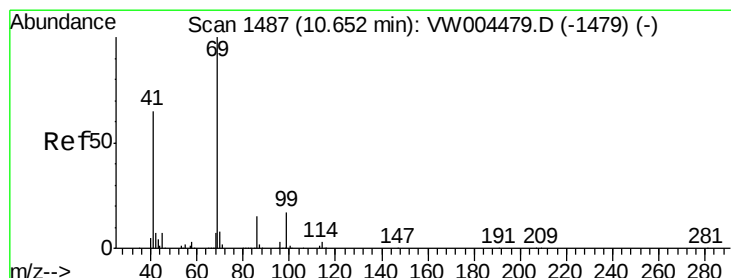
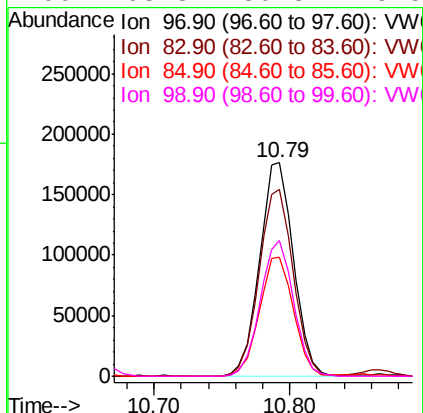
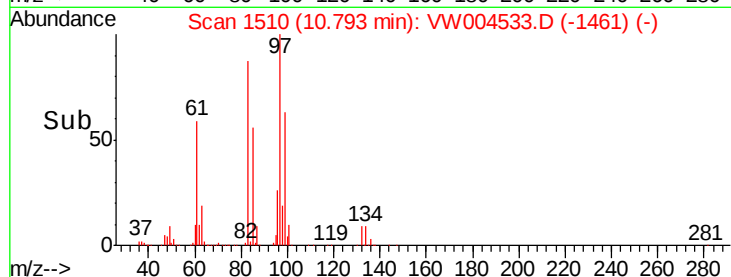
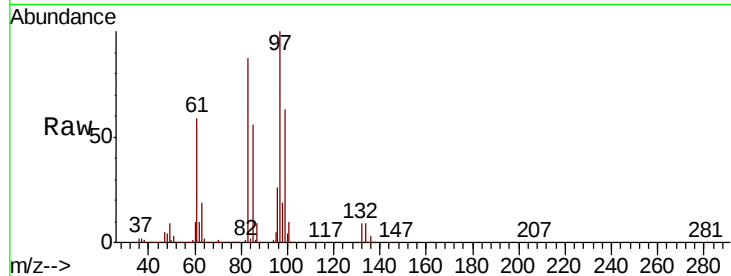
#55
 1,1,2-Trichloroethane
 Concen: 46.48 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		308940		
83	87.2	69.8	104.8		
85	55.8	45.1	67.7		
99	63.3	50.3	75.5		

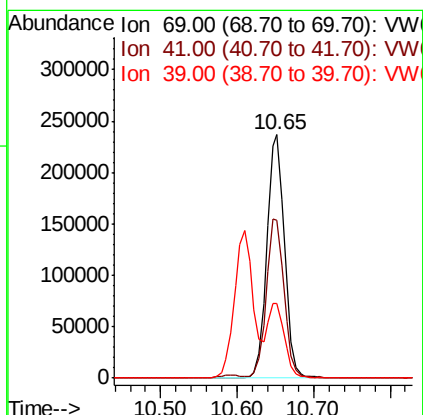
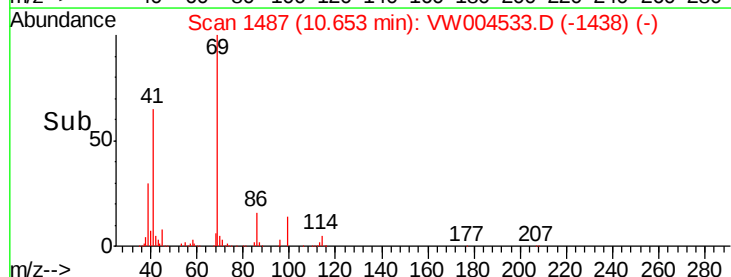
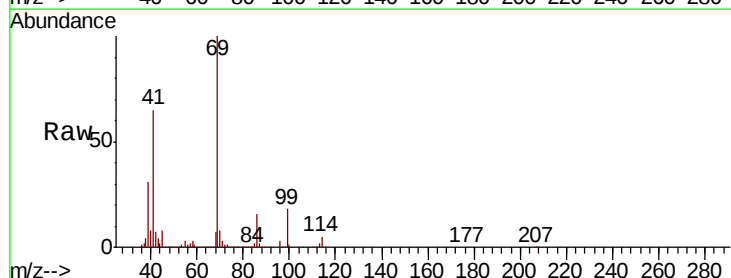
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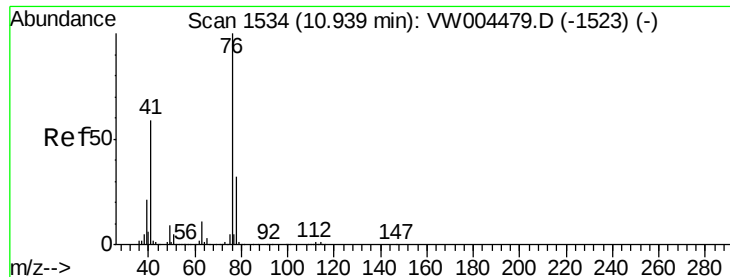
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#56
 Ethyl methacrylate
 Concen: 47.77 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		380154		
41	65.7	52.4	78.6		
39	28.1	22.7	34.1		





#57

1,3-Dichloropropane

Concen: 47.39 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 542981

Ion Ratio Lower Upper

76 100

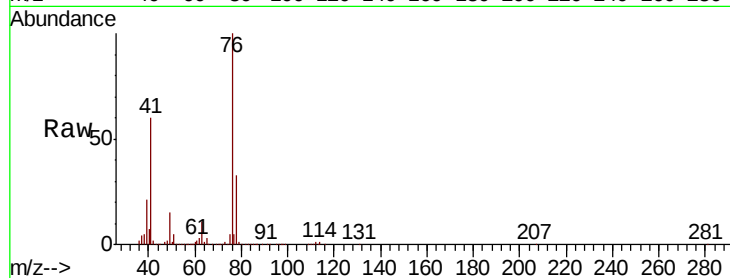
78 32.1 25.7 38.5

Manual Integrations

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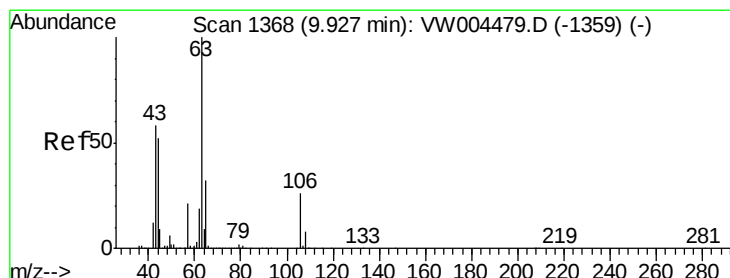
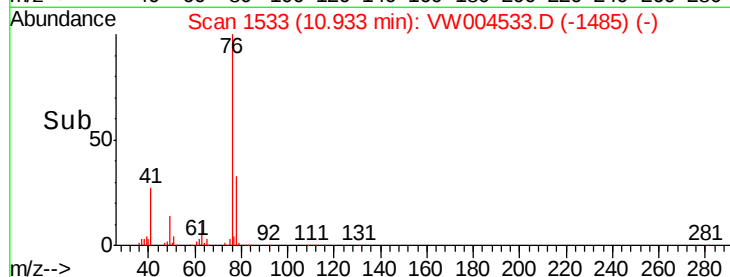
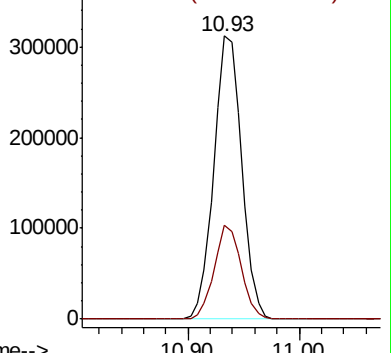
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 233.88 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004533.D

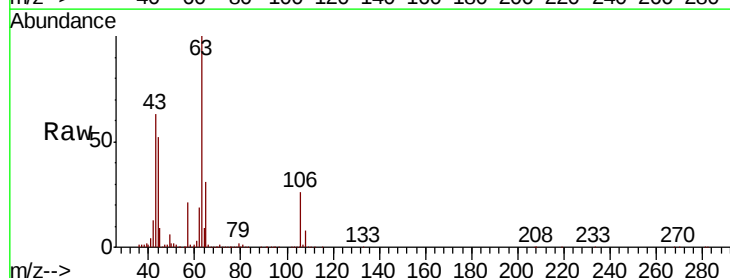
Acq: 08 Aug 2018 17:33

Tgt Ion: 63 Resp: 985935

Ion Ratio Lower Upper

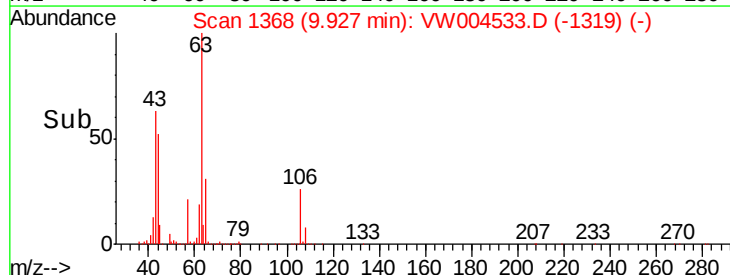
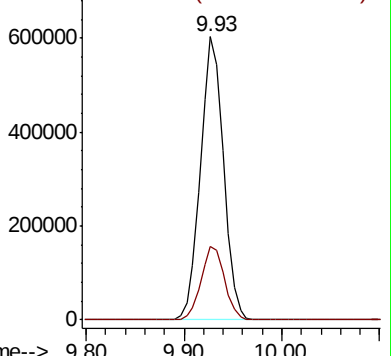
63 100

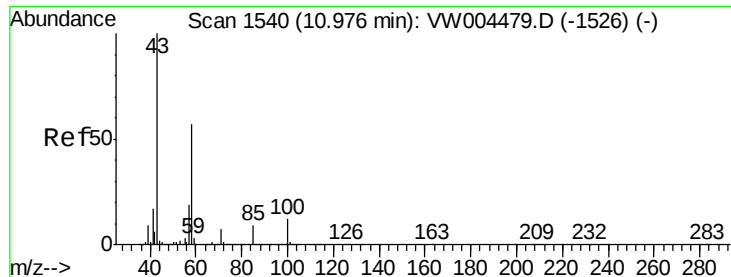
106 26.3 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





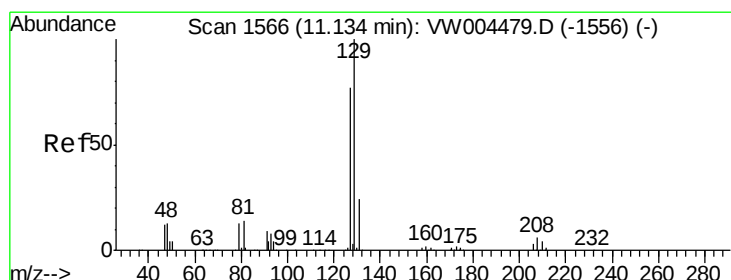
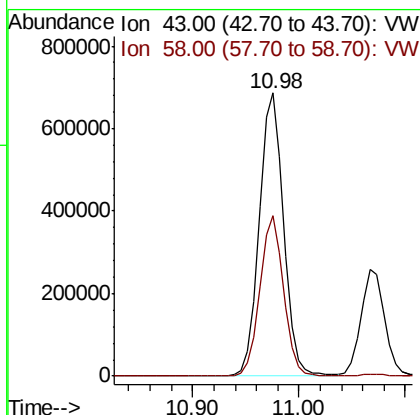
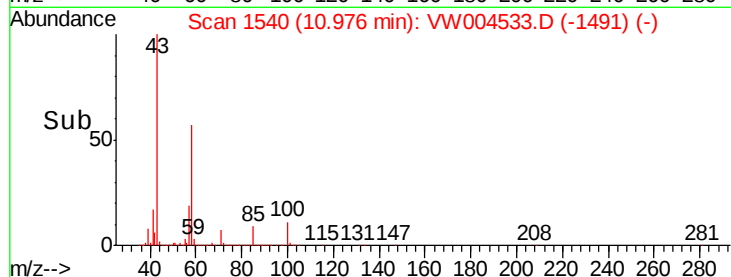
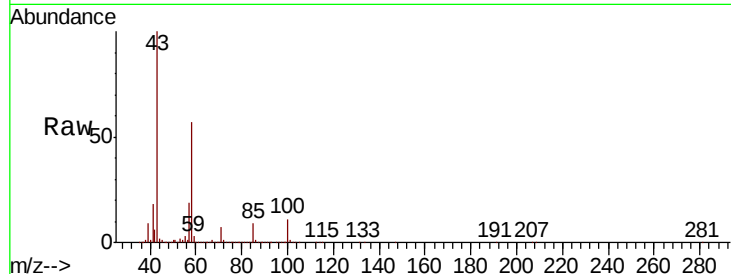
#59
2-Hexanone
Concen: 230.62 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1100699
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6

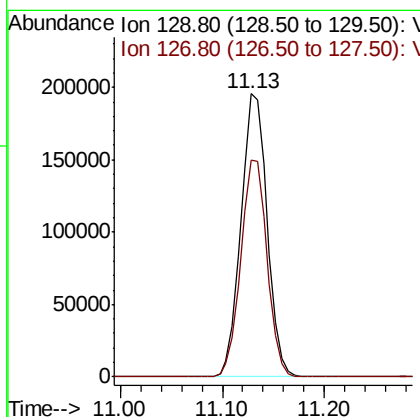
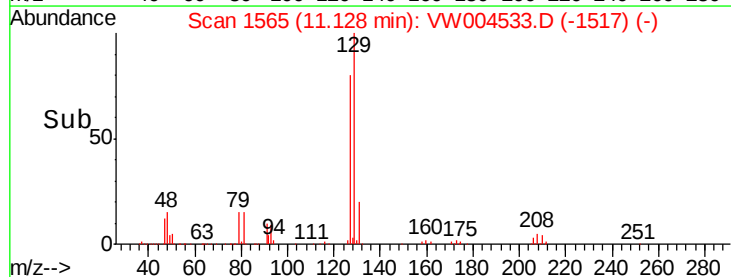
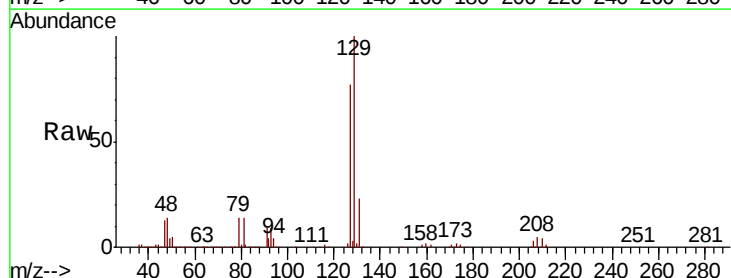
Manual Integrations
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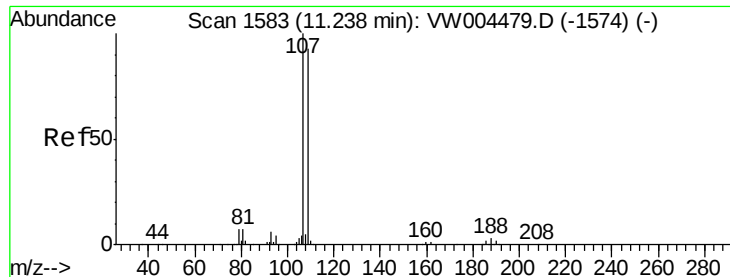
apatel
8/9/2018 10:23:06 AM



#60
Dibromochloromethane
Concen: 48.00 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion: 129 Resp: 347005
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





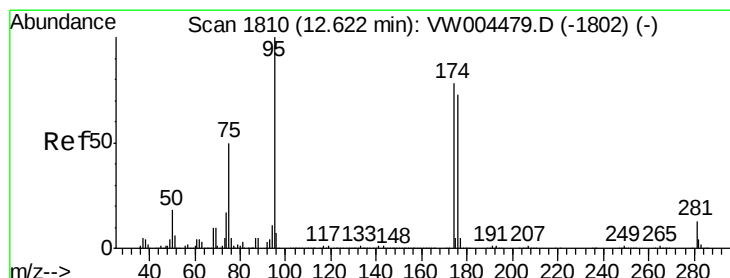
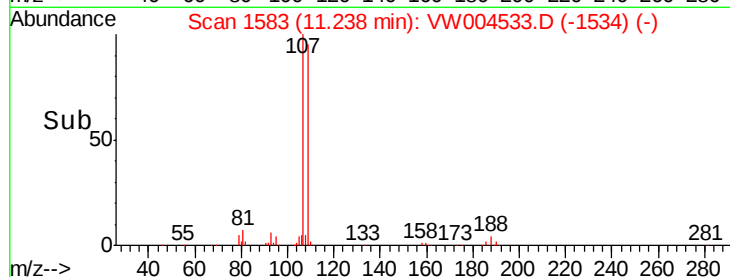
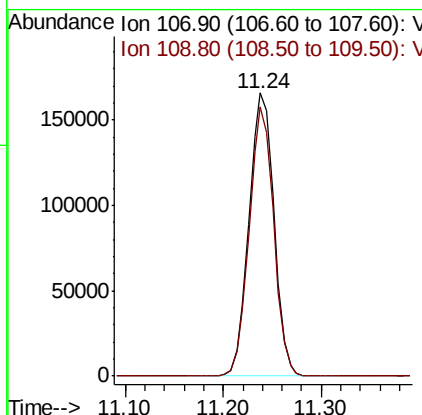
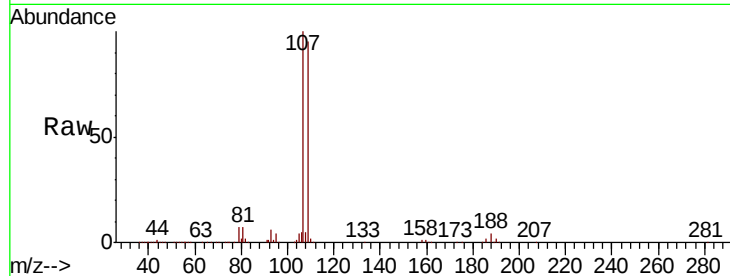
#61
 1,2-Dibromoethane
 Concen: 46.99 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	293451		
109	93.3	75.7	113.5	

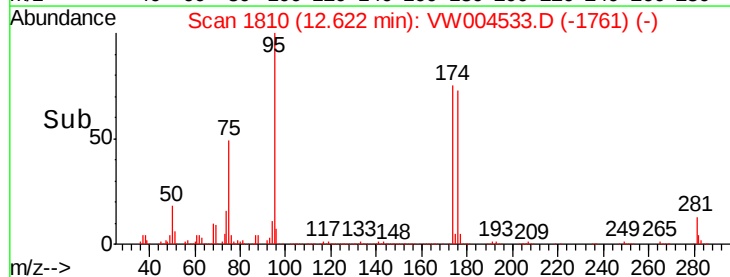
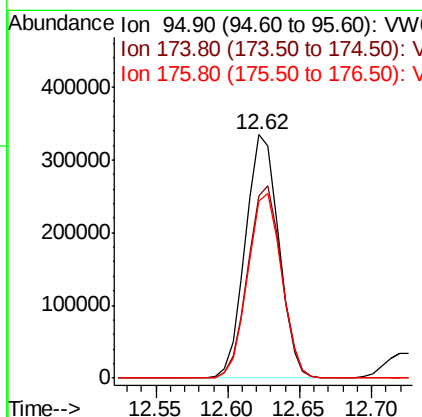
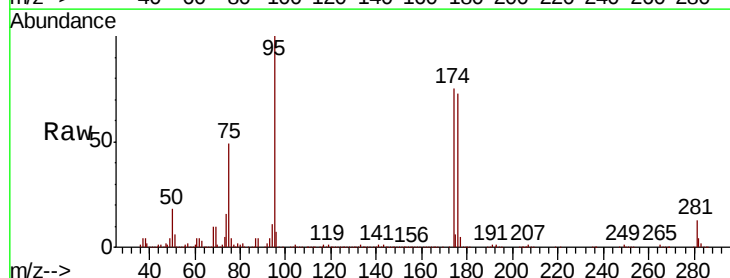
Manual Integrations
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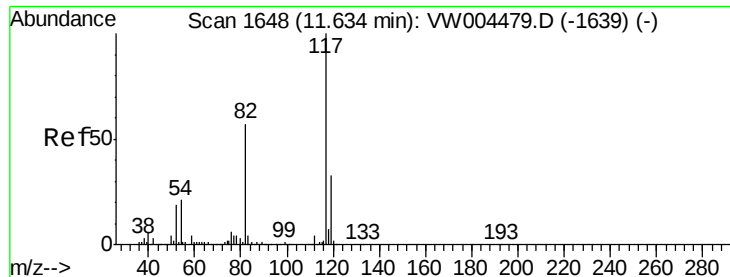
apatel
 8/9/2018 10:23:06 AM



#62
 4-Bromofluorobenzene
 Concen: 51.13 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	538692		
174	79.2	0.0	160.4	
176	76.3	0.0	153.2	





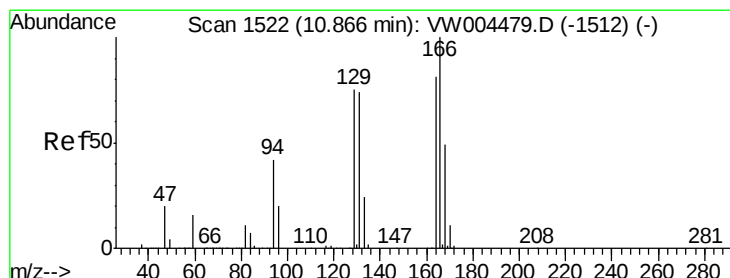
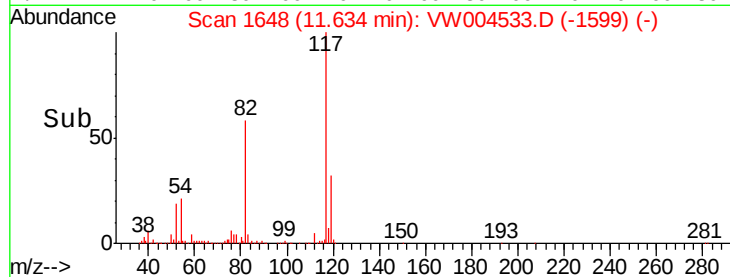
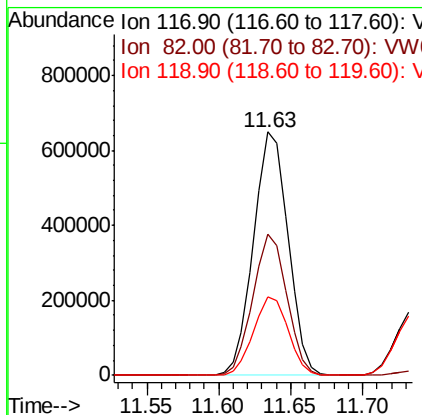
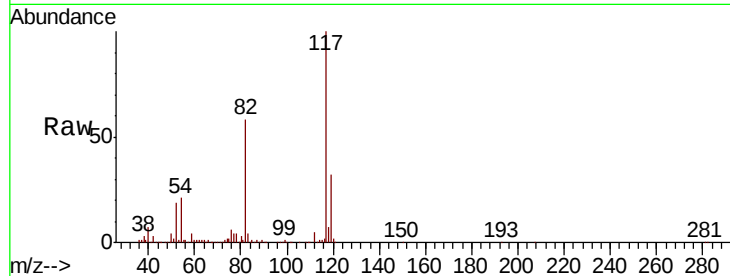
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.3	67.9
119	32.3	26.2	39.4

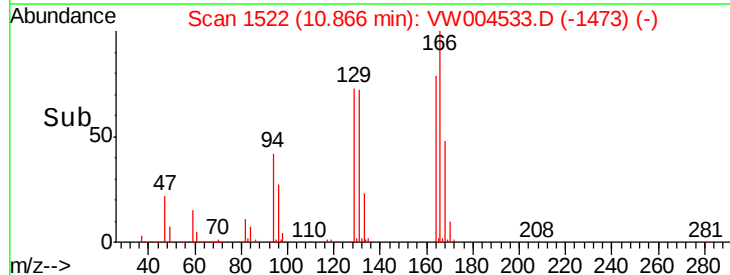
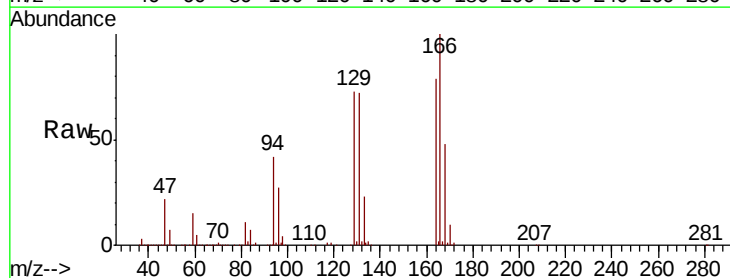
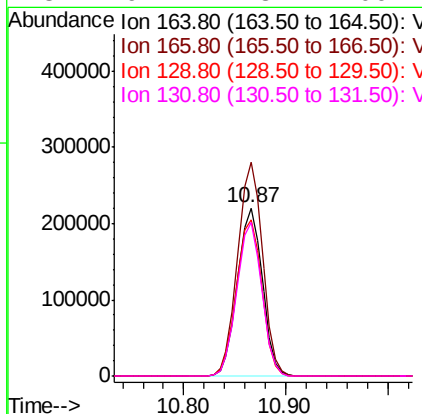
Manual Integrations
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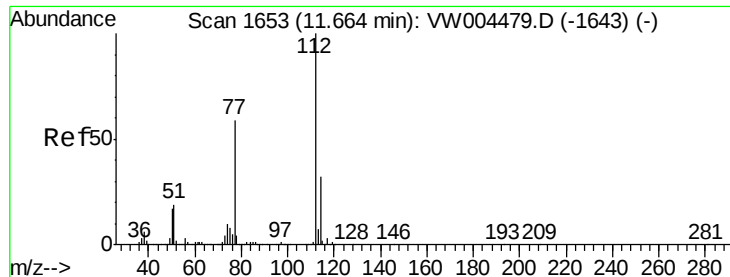
apatel
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#64
Tetrachloroethene
Concen: 49.21 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	98.4	147.6
129	93.1	73.6	110.4
131	91.4	73.1	109.7





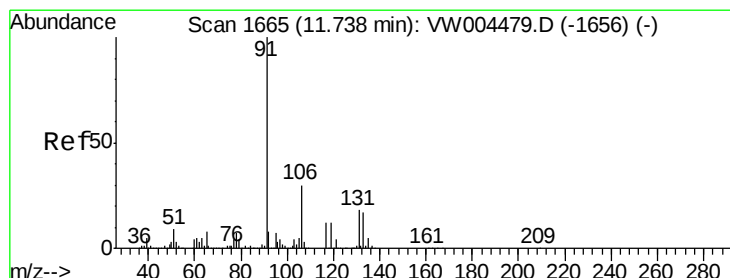
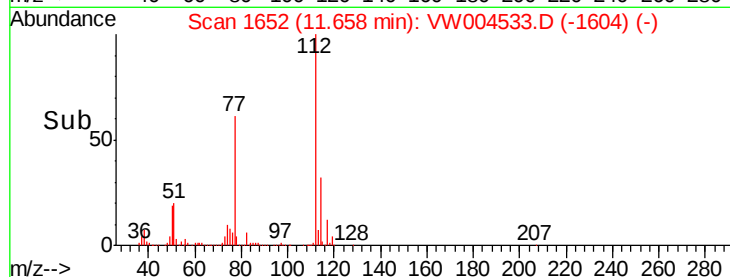
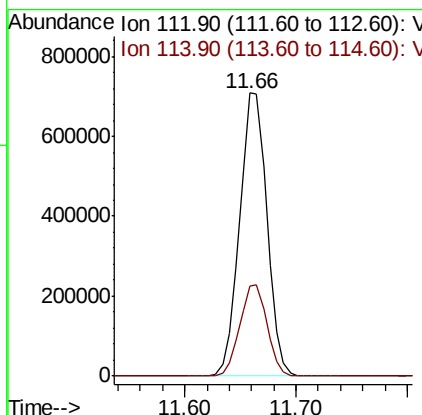
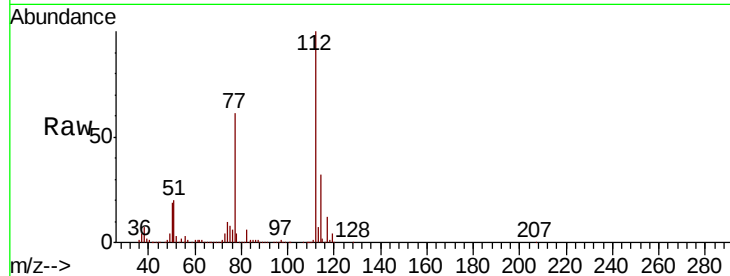
#65
Chlorobenzene
Concen: 50.61 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1205760
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

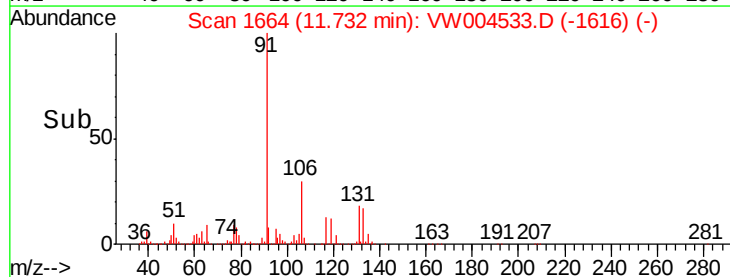
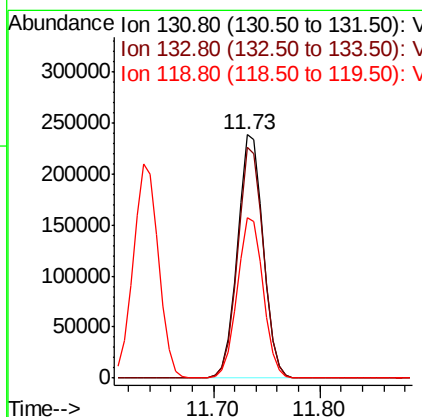
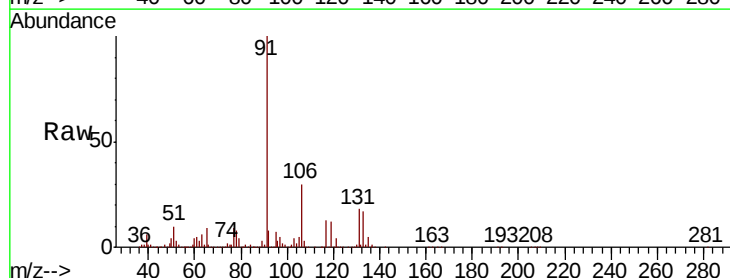
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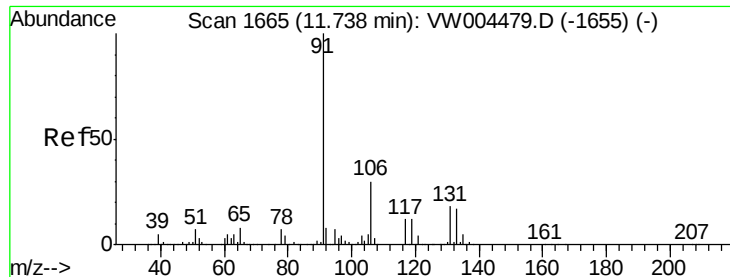
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.75 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion:131 Resp: 403491
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 66.8 33.9 101.7





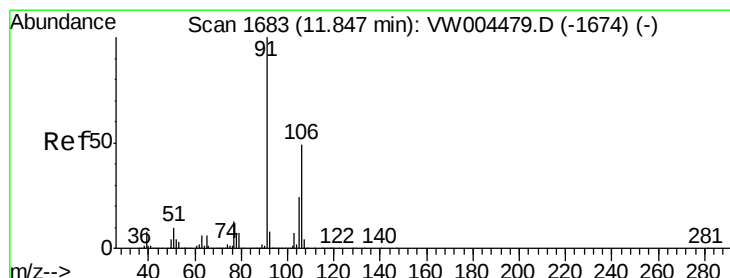
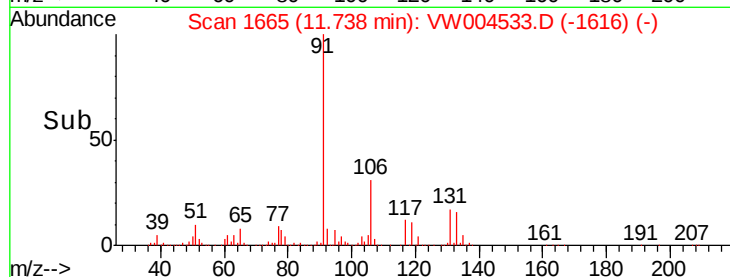
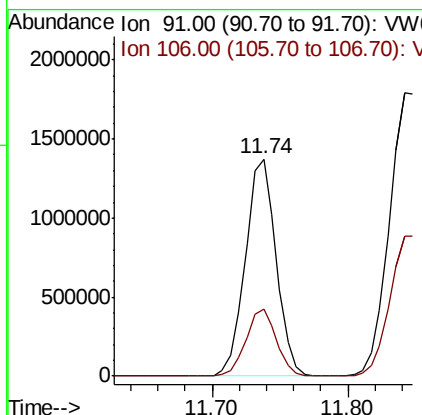
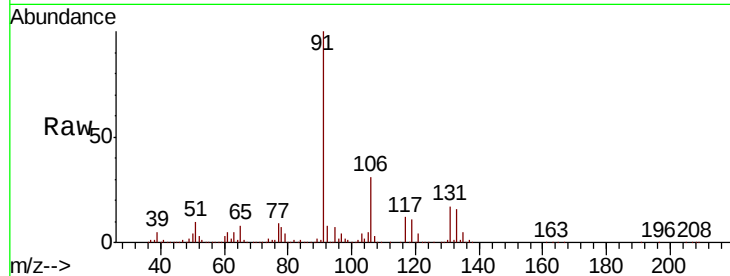
#67
Ethyl Benzene
Concen: 53.73 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 2169882
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.2

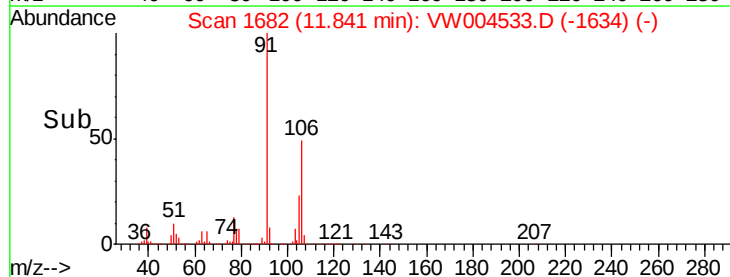
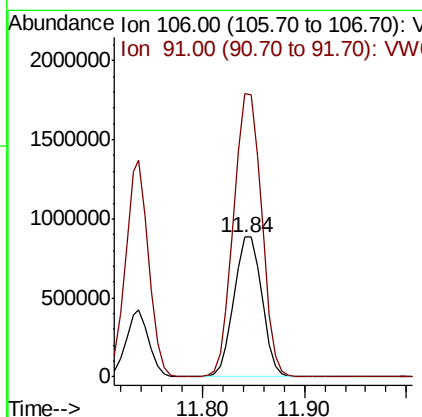
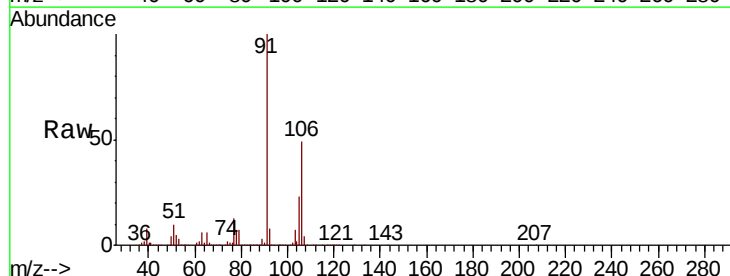
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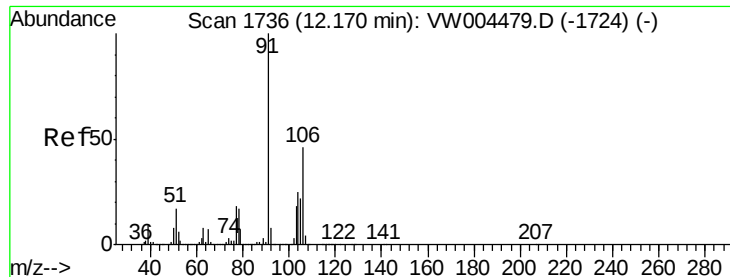
apatel
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#68
m/p-Xylenes
Concen: 107.62 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion: 106 Resp: 1679664
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2





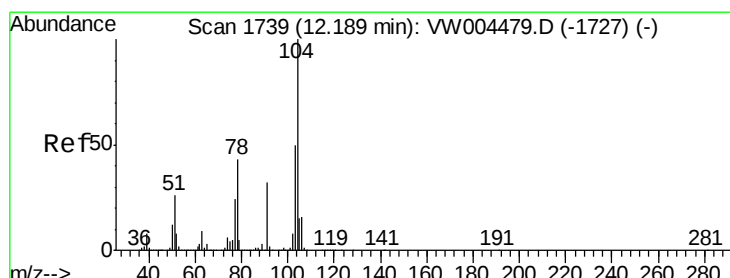
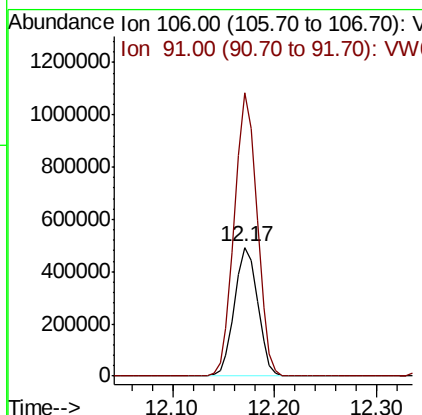
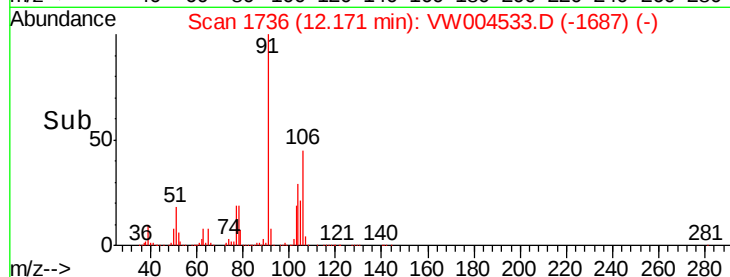
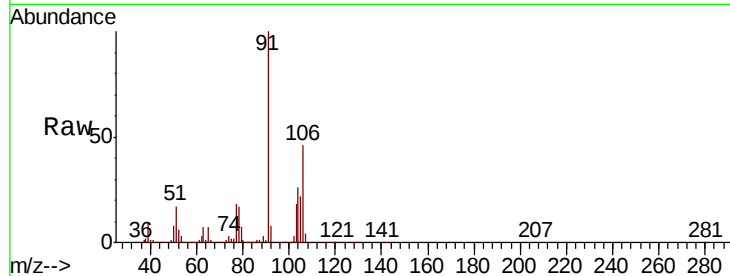
#69
o-Xylene
Concen: 53.63 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	215.9	106.7	320.2	

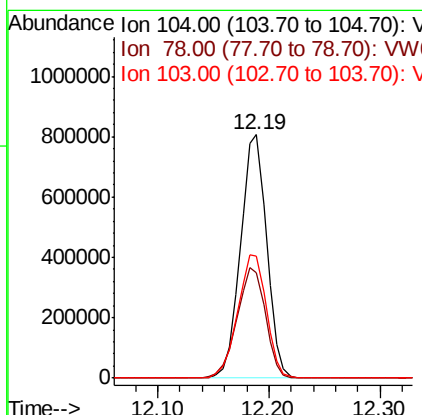
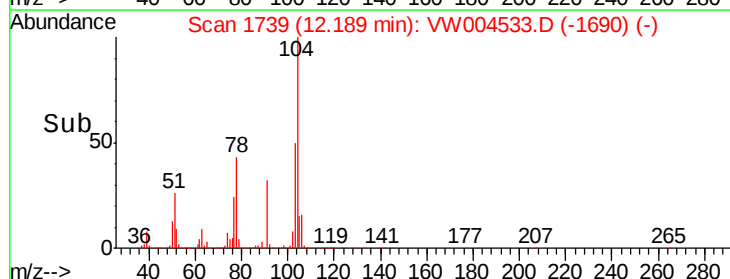
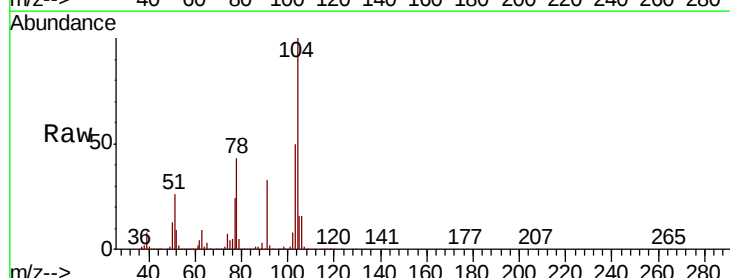
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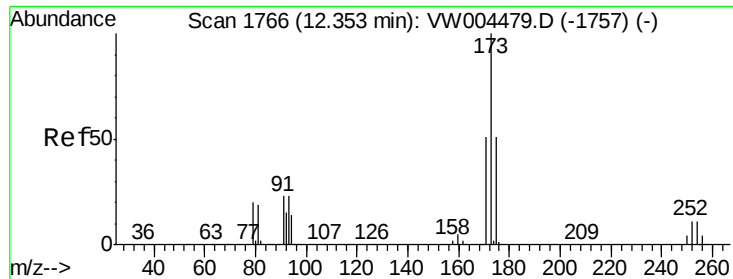
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#70
Styrene
Concen: 53.65 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	49.4	39.0	58.4	
103	55.4	44.2	66.2	





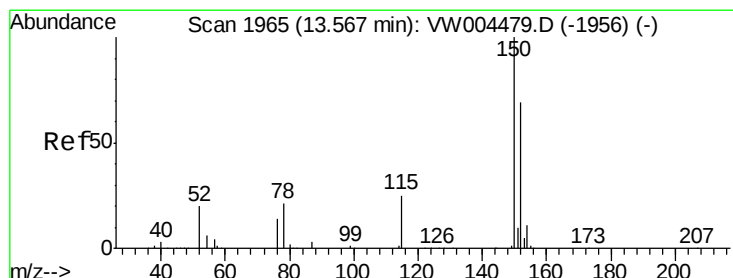
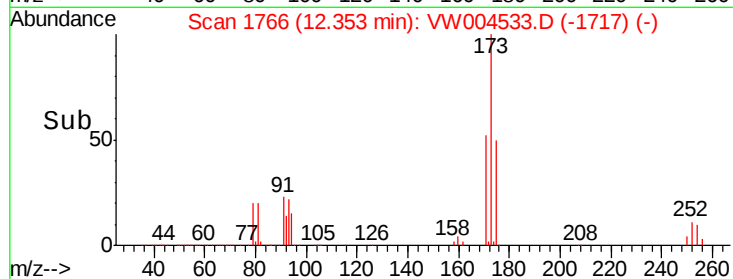
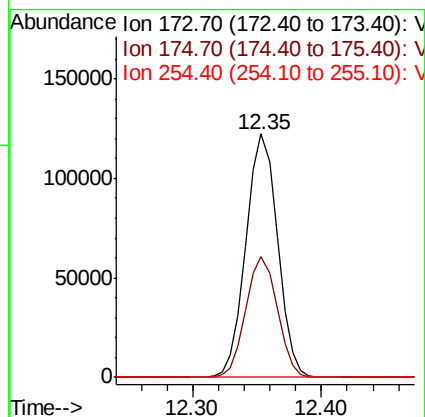
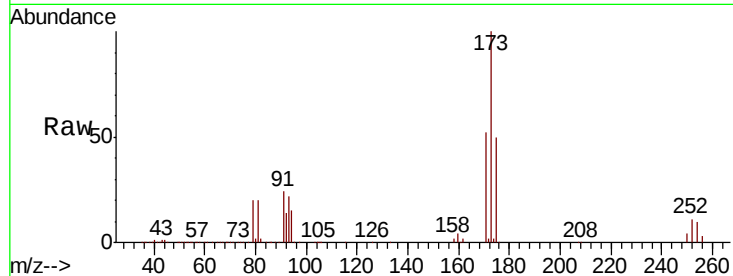
#71
Bromoform
Concen: 46.54 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.5	73.5
254	0.1	0.2	0.2

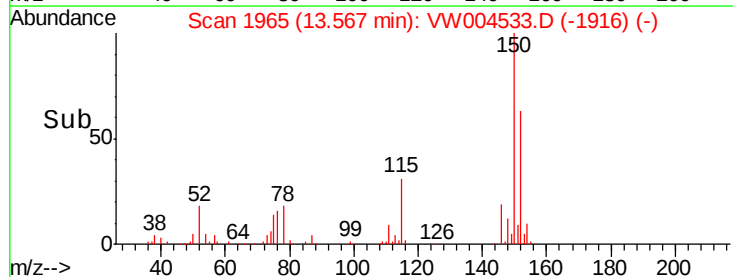
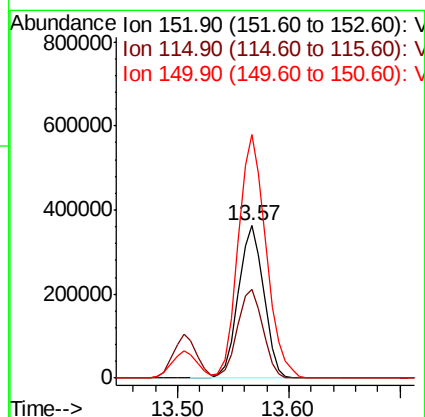
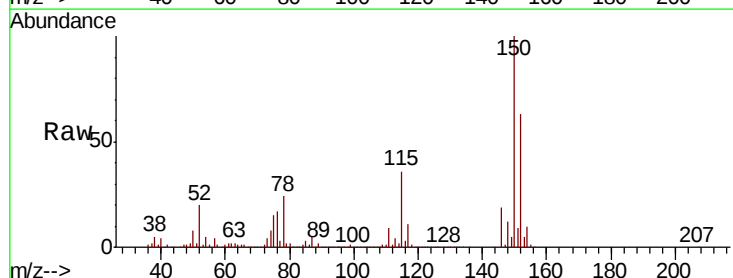
Manual Integrations
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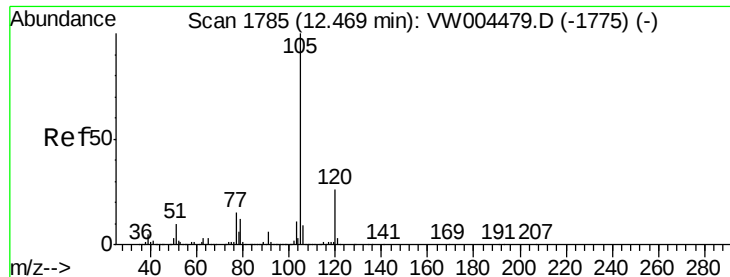
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.1	87.3
150	174.6	0.0	349.6





#73

Isopropylbenzene

Concen: 54.74 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2162423

Ion Ratio Lower Upper

105 100

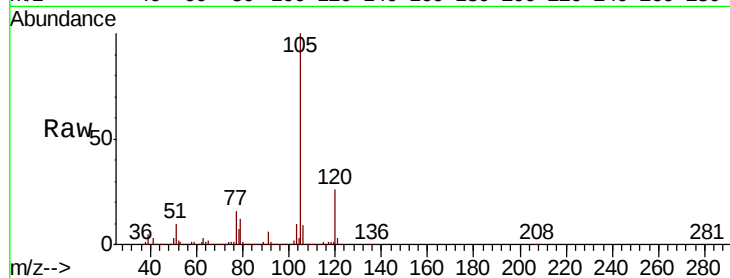
120 26.3 13.2 39.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

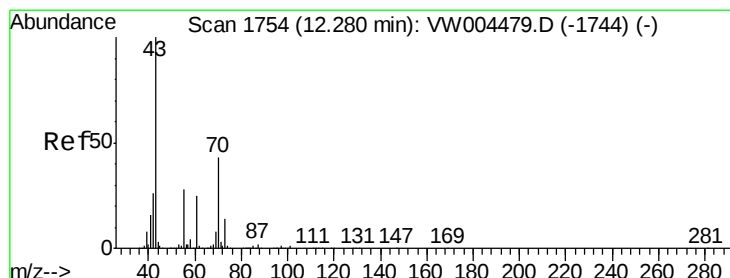
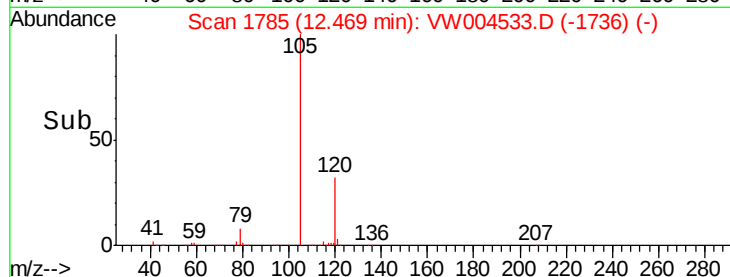
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 45.86 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion: 43 Resp: 439282

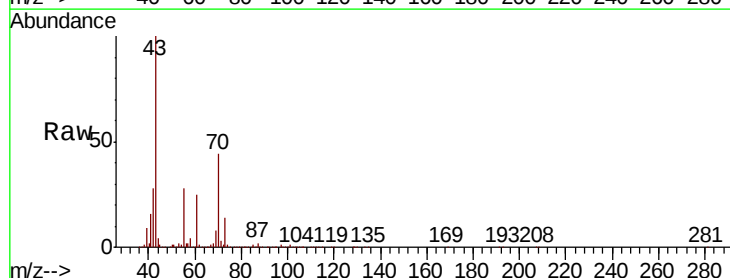
Ion Ratio Lower Upper

43 100

70 44.4 35.3 52.9

55 29.2 22.9 34.3

61 24.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

400000

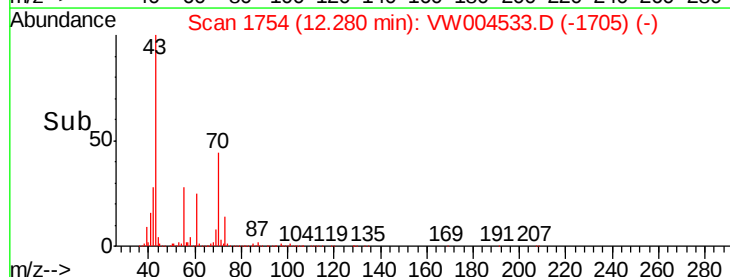
300000

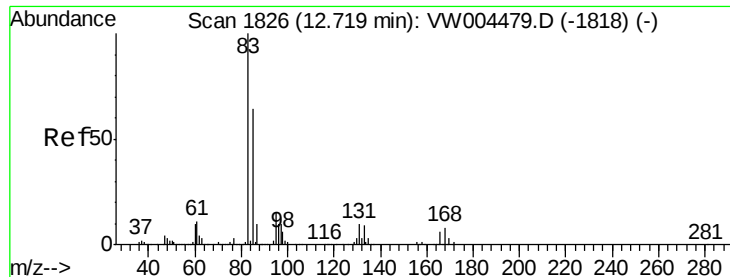
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.79 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

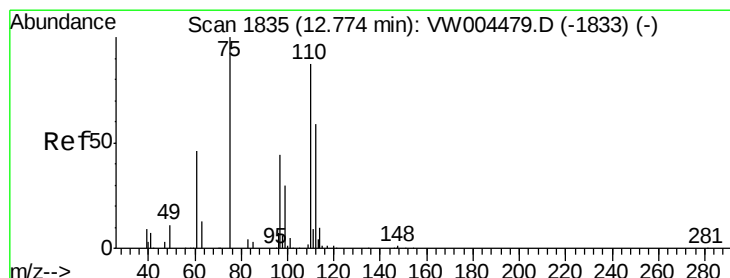
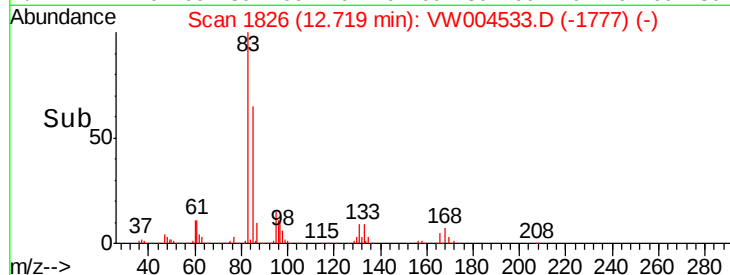
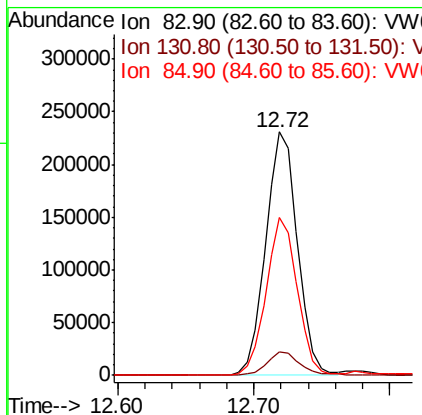
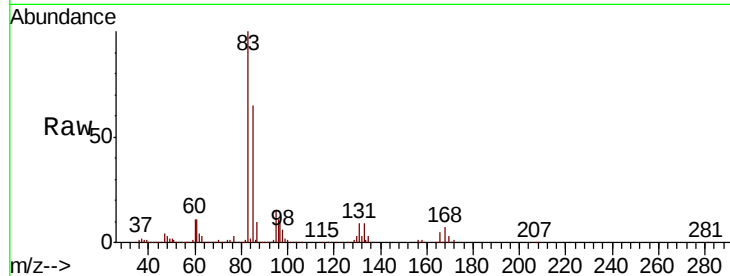
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	377621
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	63.6	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 42.35 ug/l m

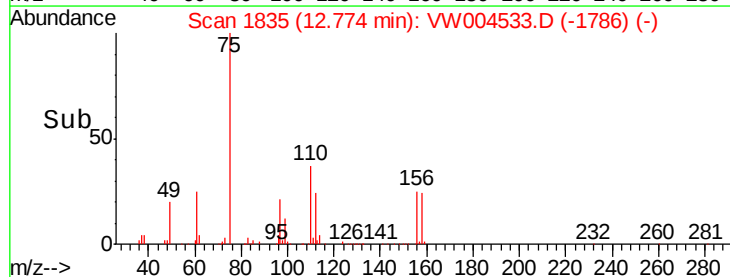
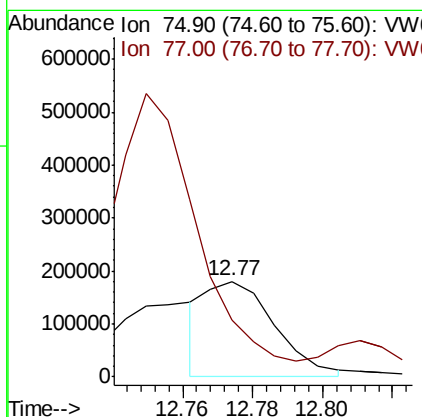
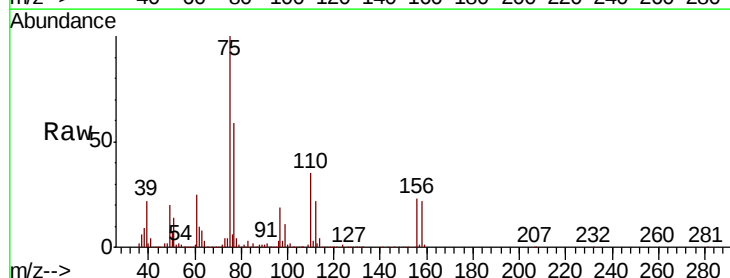
RT: 12.77 min Scan# 1835

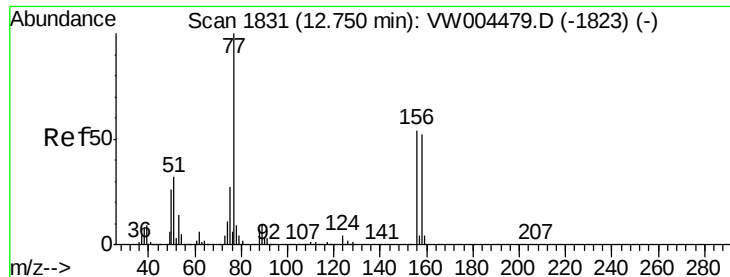
Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion:	75	Resp:	250300
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.71 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

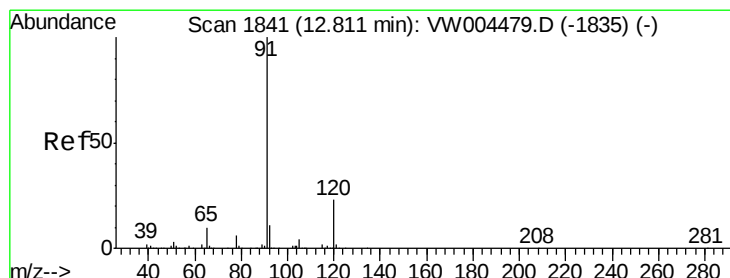
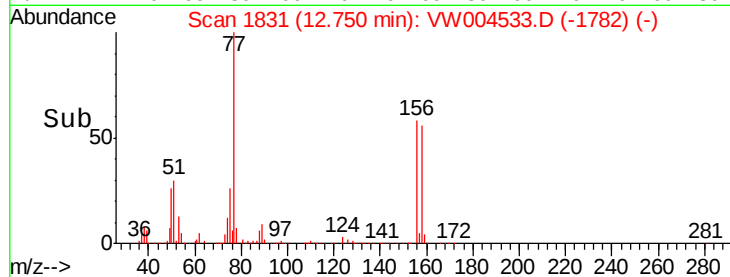
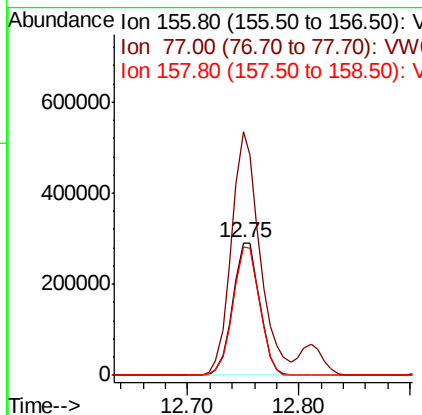
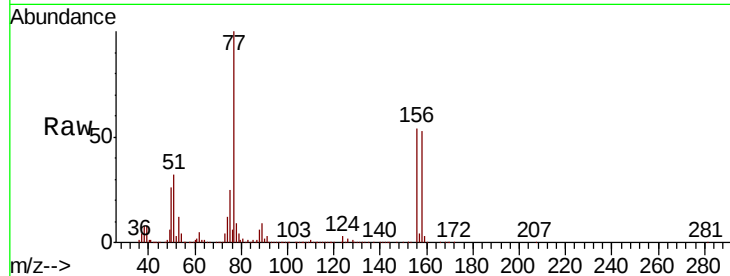
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	194.9	98.7	296.1	
158	96.5	48.7	146.1	

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#78

n-propylbenzene

Concen: 55.11 ug/l

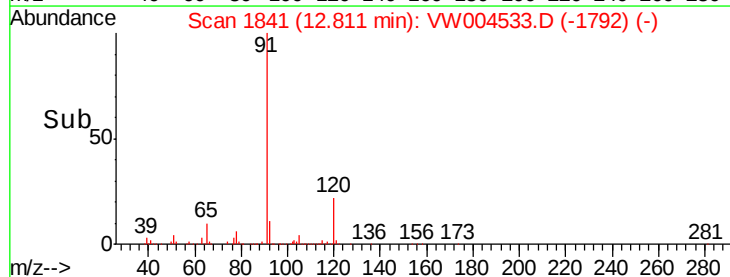
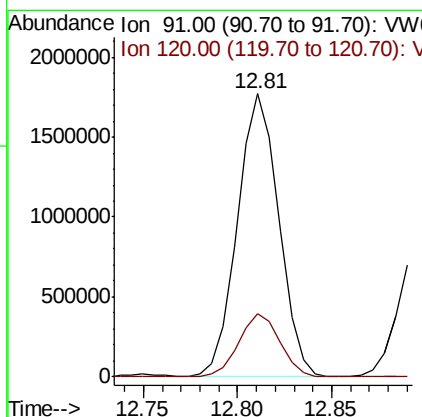
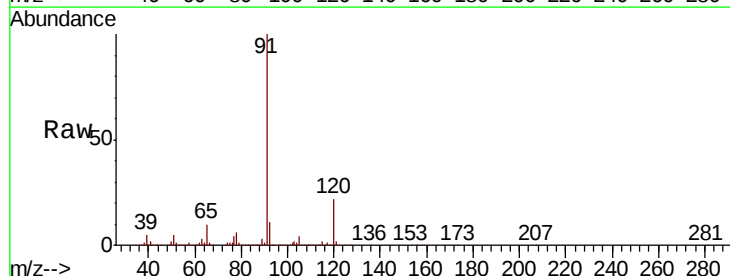
RT: 12.81 min Scan# 1841

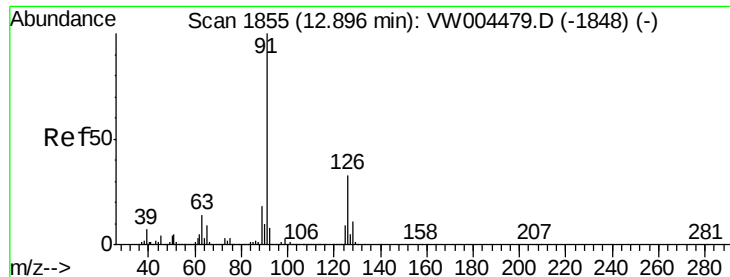
Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.2	11.3	33.9	





#79

2-Chlorotoluene

Concen: 53.58 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004533.D

Acq: 08 Aug 2018 17:33

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1511443

Ion Ratio Lower Upper

91 100

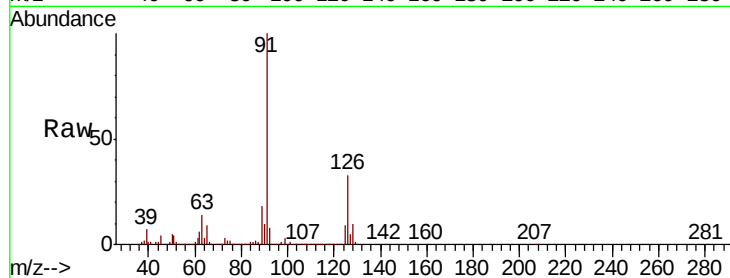
126 32.9 16.6 49.8

Manual Integrations

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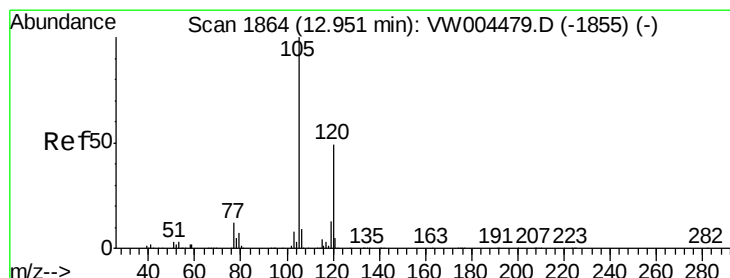
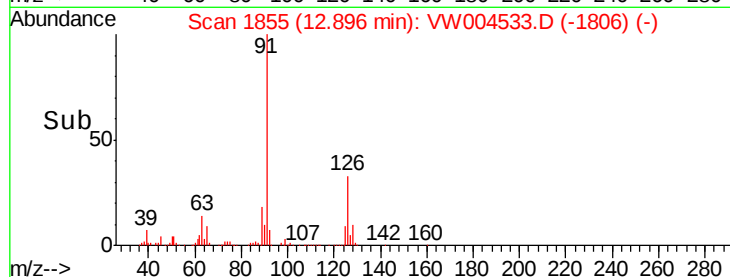
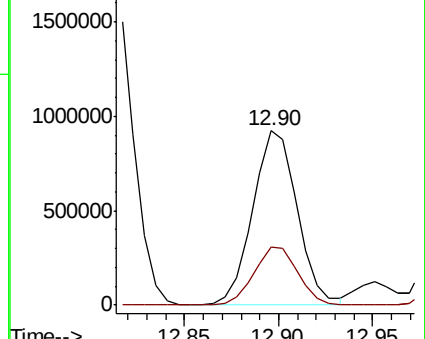
apatel

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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: 55.07 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004533.D

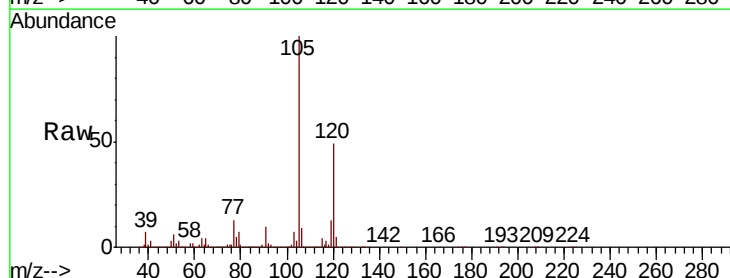
Acq: 08 Aug 2018 17:33

Tgt Ion:105 Resp: 1855792

Ion Ratio Lower Upper

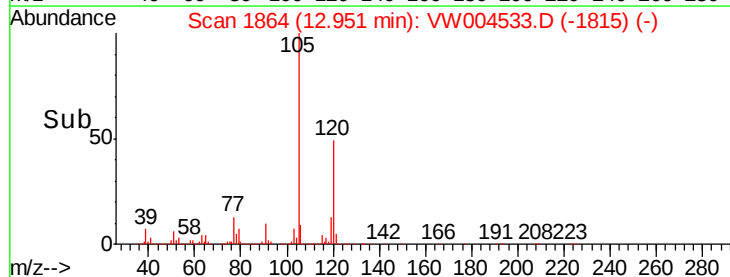
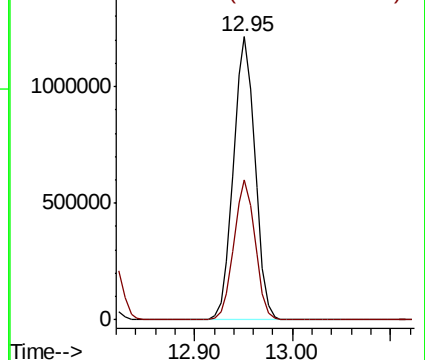
105 100

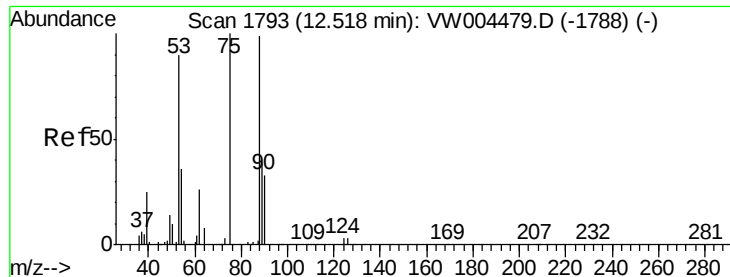
120 48.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





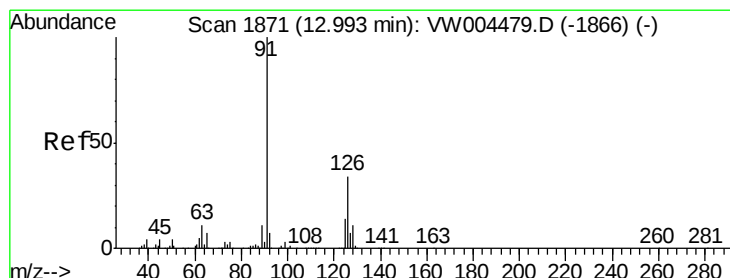
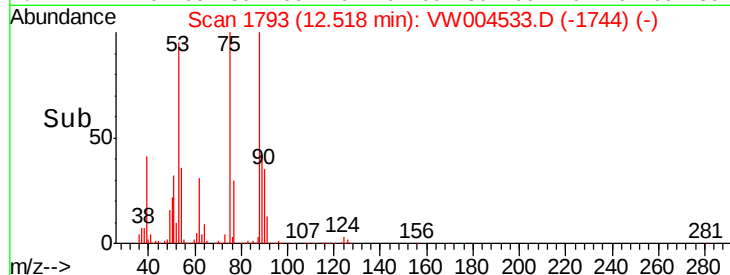
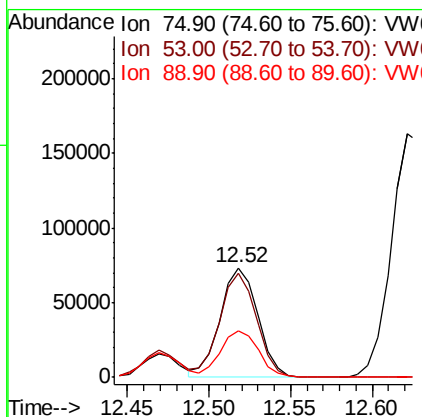
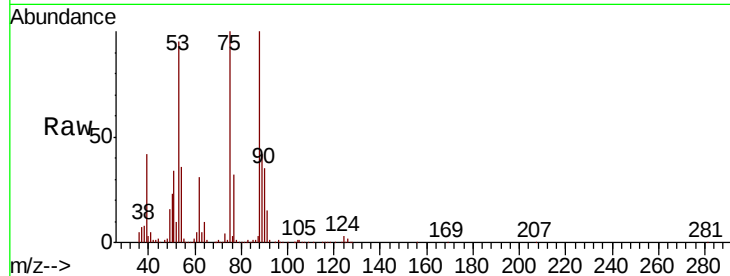
#81
trans-1,4-Dichloro-2-butene
Concen: 47.65 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.5	74.4	111.6
89	42.7	35.9	53.9

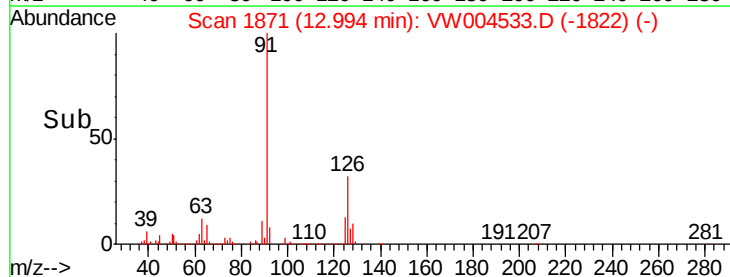
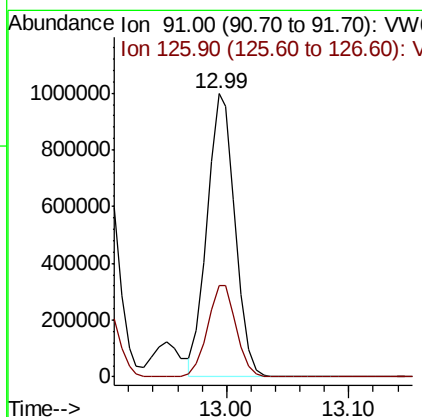
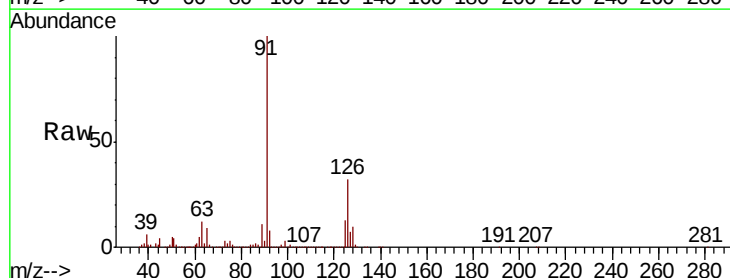
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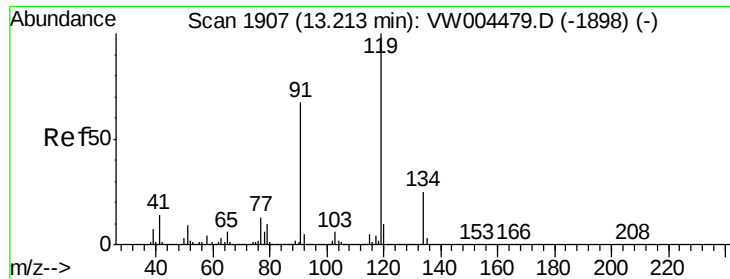
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#82
4-Chlorotoluene
Concen: 52.85 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.5	49.5





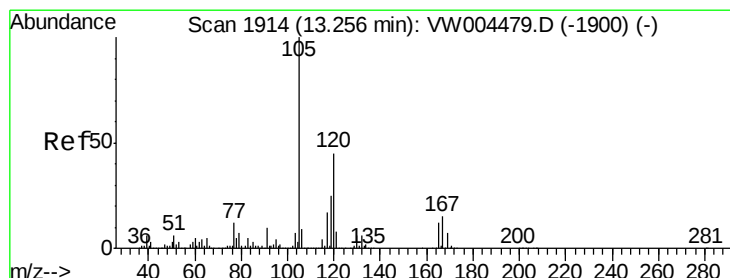
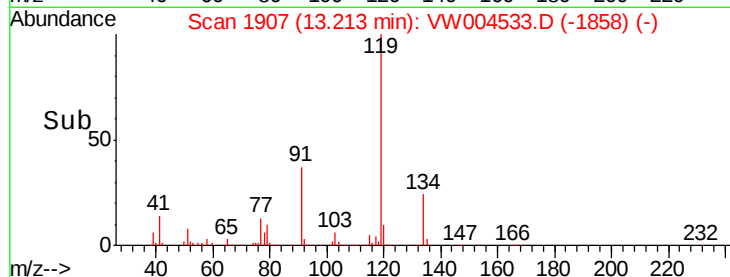
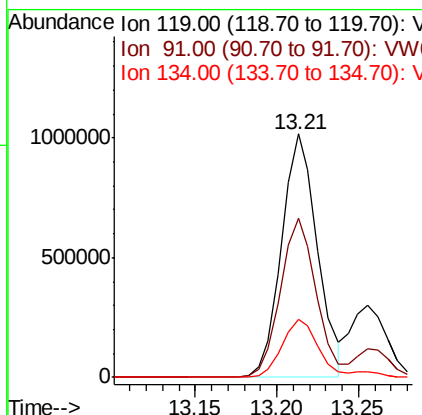
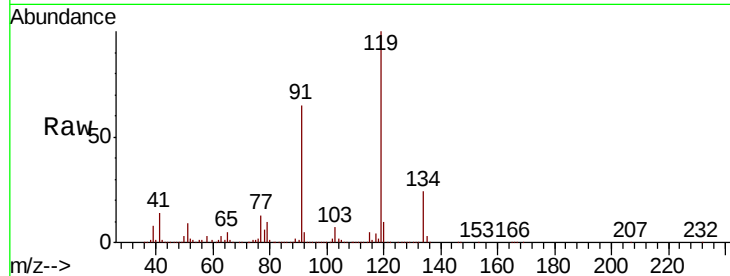
#83
tert-Butylbenzene
Concen: 55.06 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	33.3	99.8
134	26.0	12.2	36.6

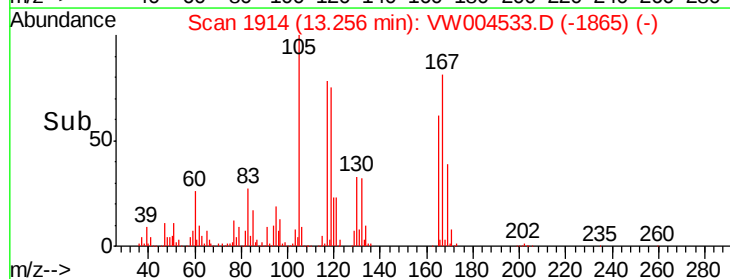
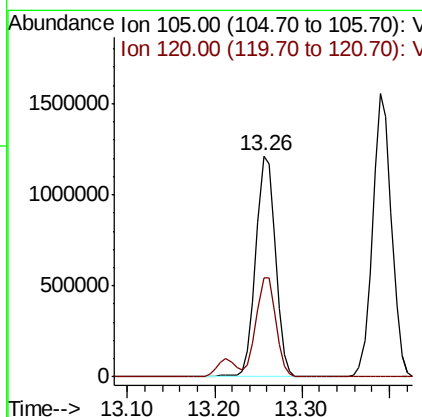
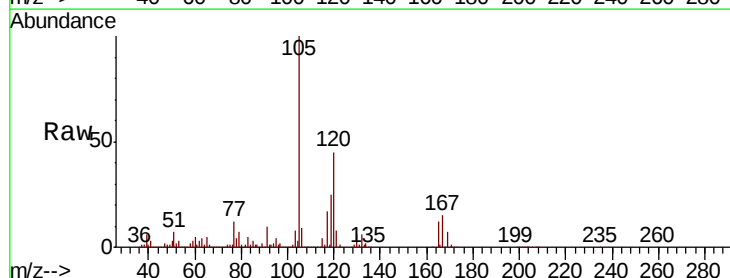
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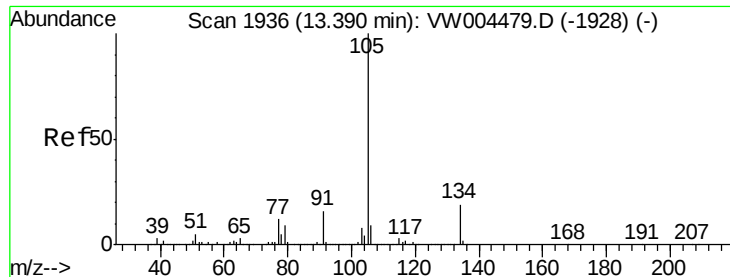
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#84
1,2,4-Trimethylbenzene
Concen: 54.28 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.8





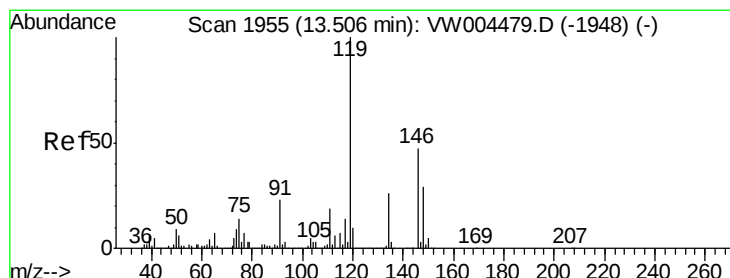
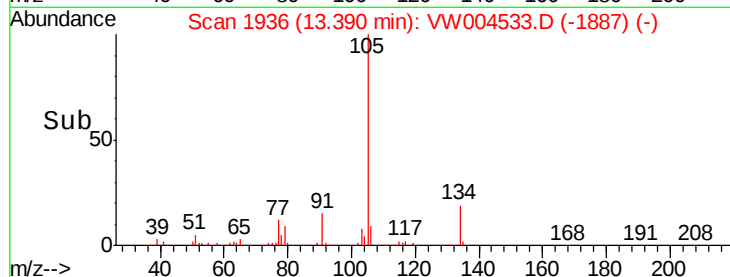
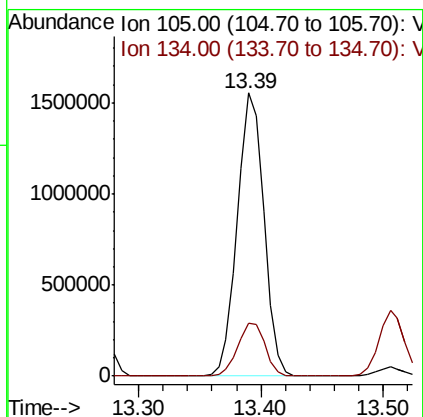
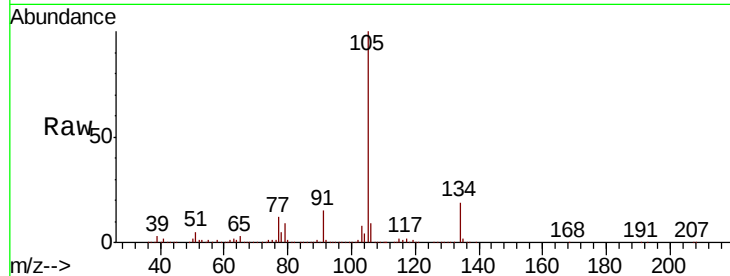
#85
 sec-Butylbenzene
 Concen: 54.84 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

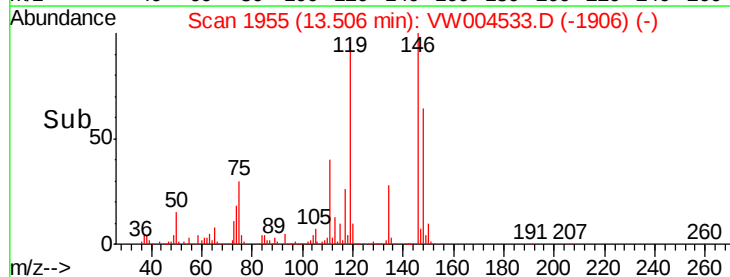
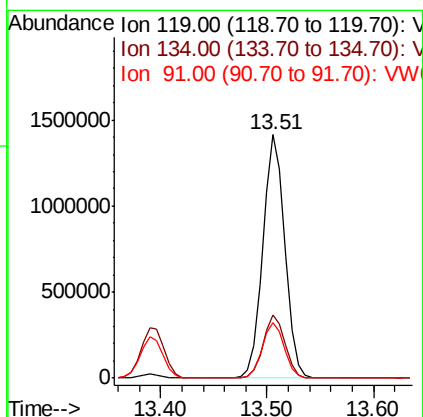
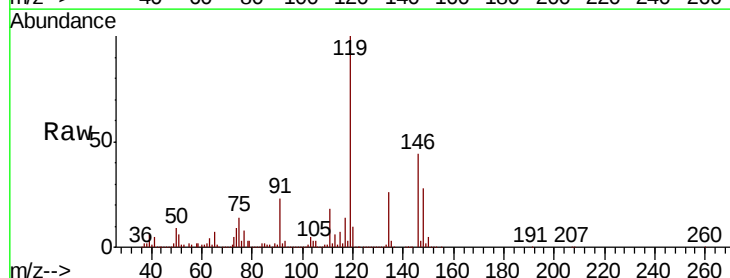
Manual Integrations
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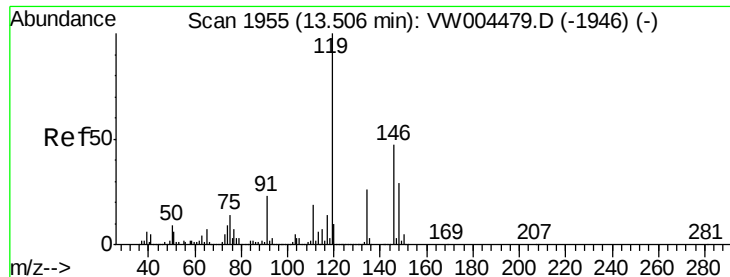
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#86
 p-Isopropyltoluene
 Concen: 55.22 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	22.9	11.4	34.1





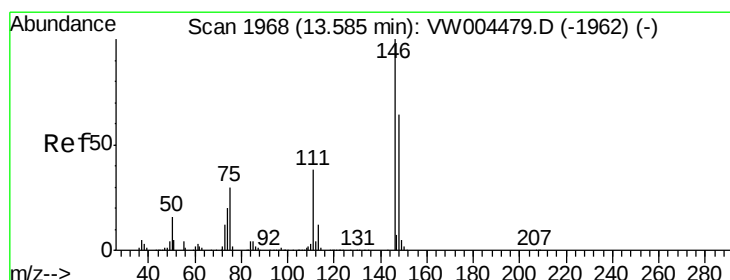
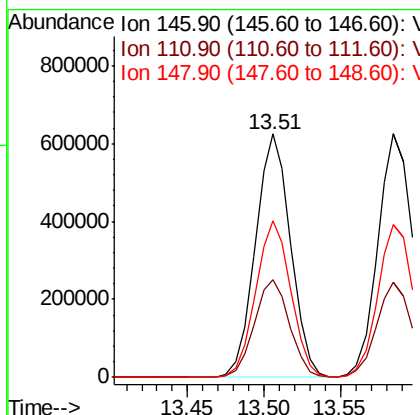
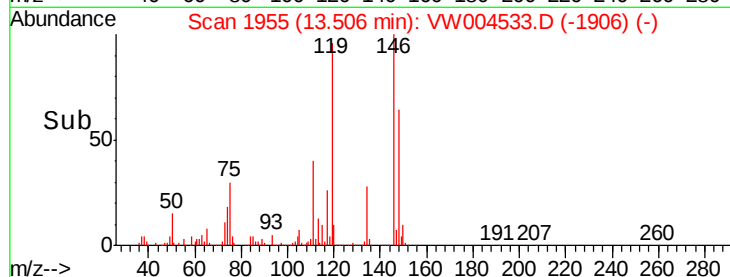
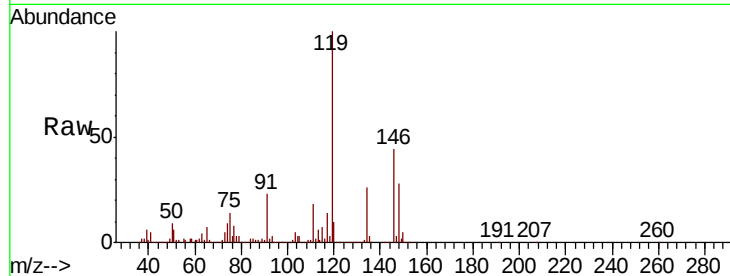
#87
 1,3-Dichlorobenzene
 Concen: 50.53 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	995180		
111	40.1	20.0	59.9	
148	64.2	31.7	95.1	

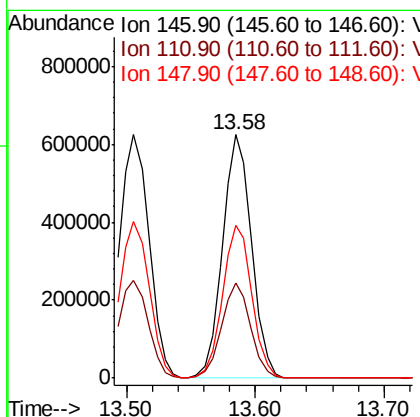
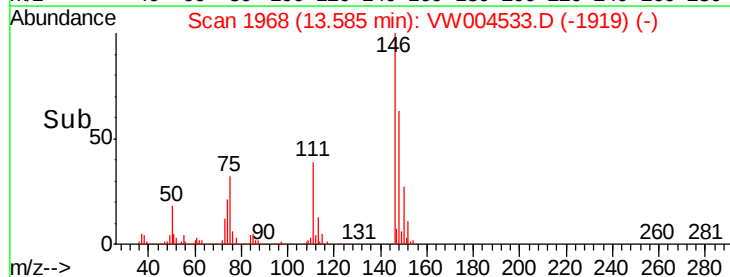
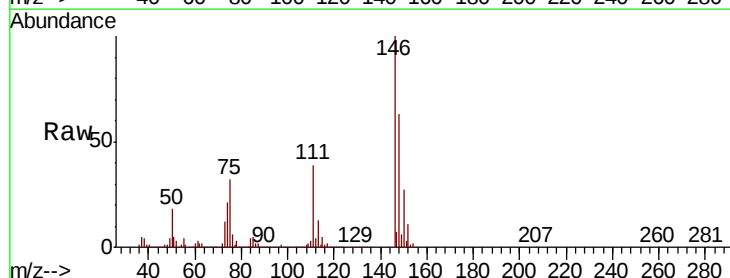
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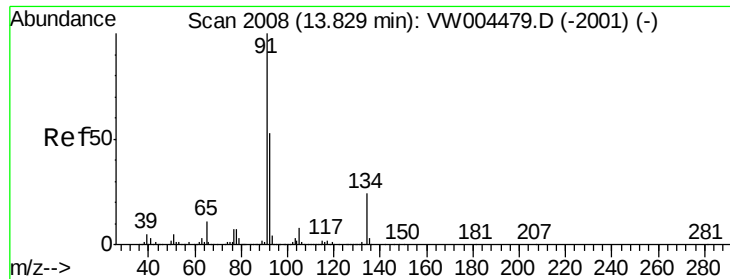
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#88
 1,4-Dichlorobenzene
 Concen: 50.19 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	984045		
111	39.1	19.6	58.8	
148	63.4	31.9	95.5	





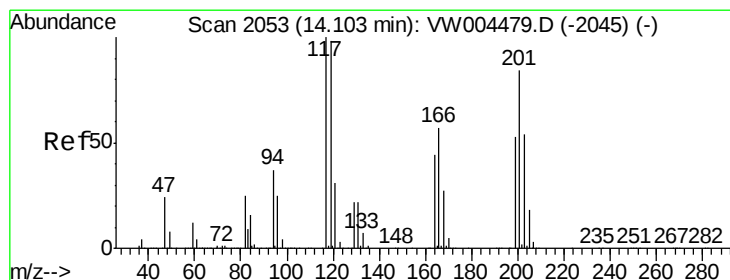
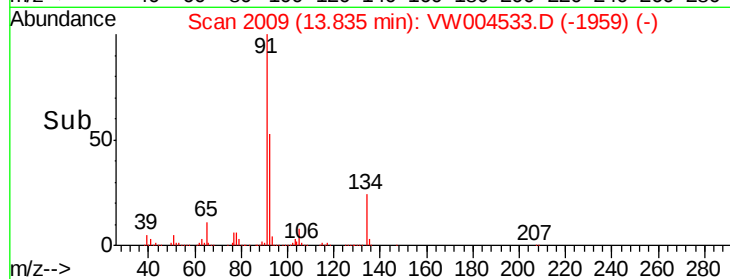
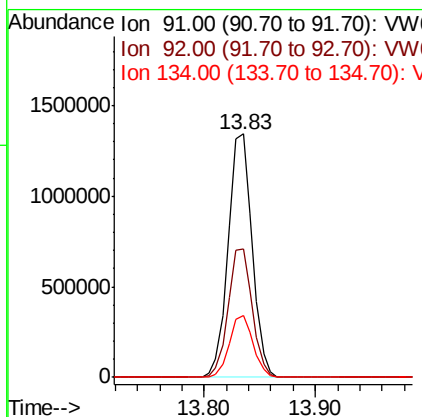
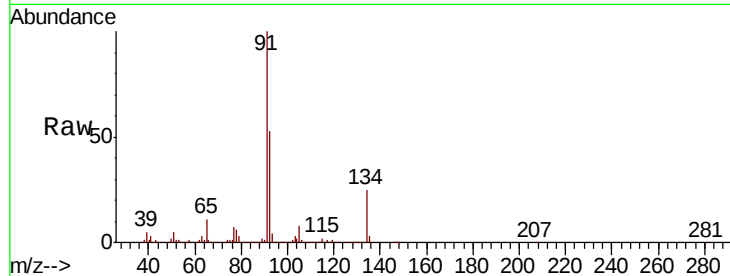
#89
n-Butylbenzene
Concen: 54.99 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.0
134	24.9	12.4	37.2

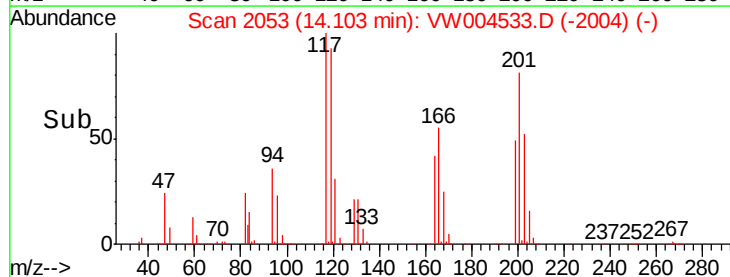
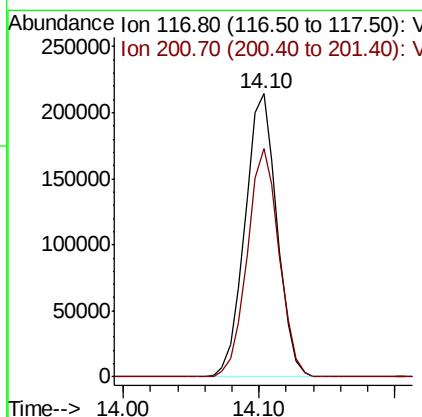
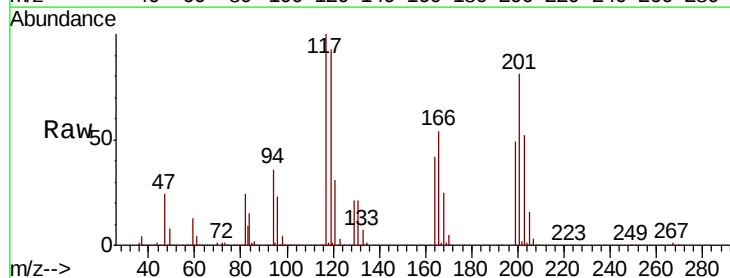
Manual Integrations
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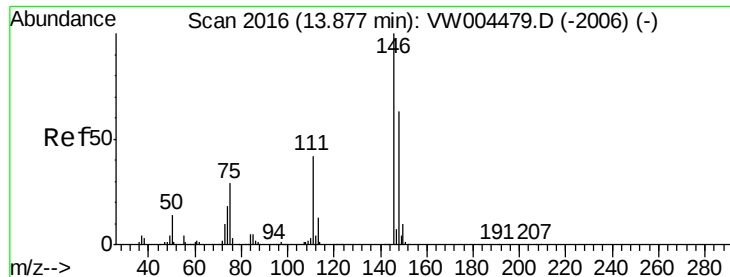
apatel
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#90
Hexachloroethane
Concen: 51.62 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	40.1	120.3





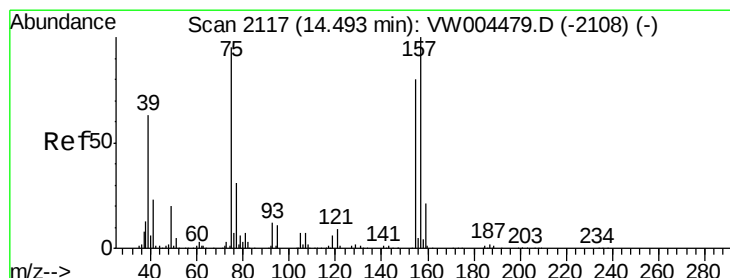
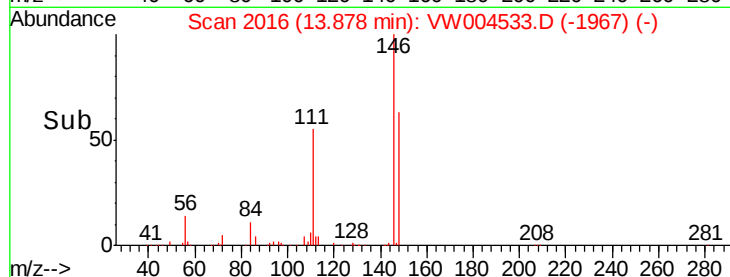
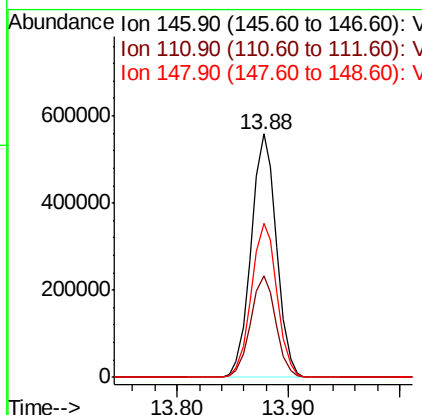
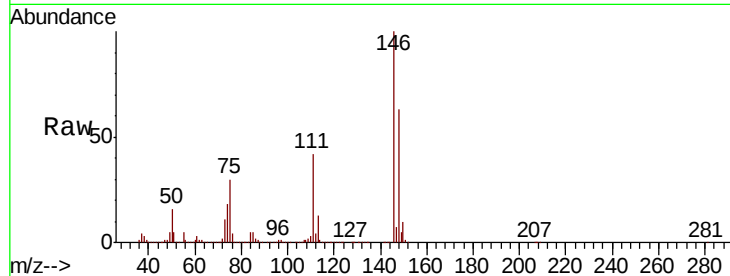
#91
 1,2-Dichlorobenzene
 Concen: 49.56 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.2
148	64.1	31.8	95.4

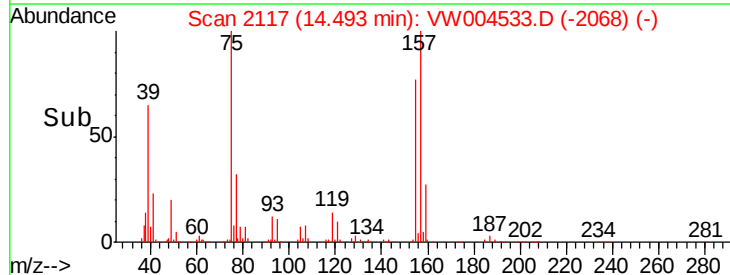
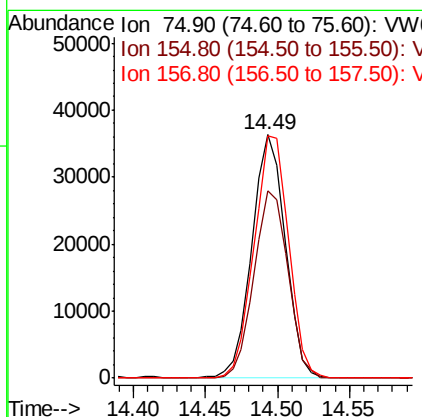
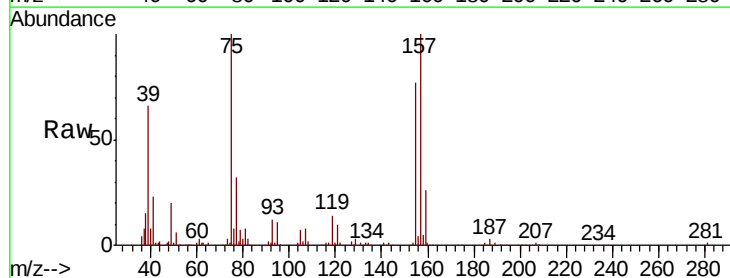
Manual Integrations
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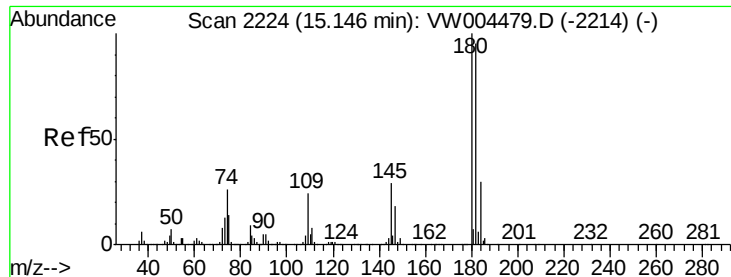
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.76 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	41.3	123.7
157	103.8	52.6	157.8





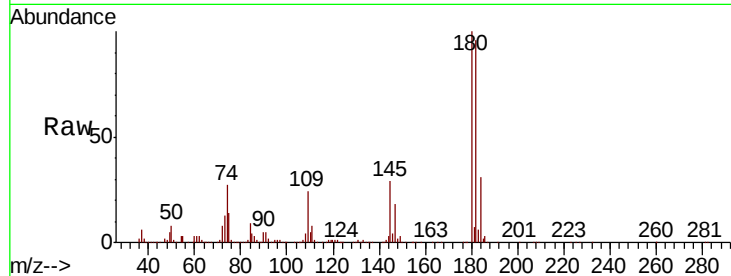
#93
 1,2,4-Trichlorobenzene
 Concen: 50.40 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

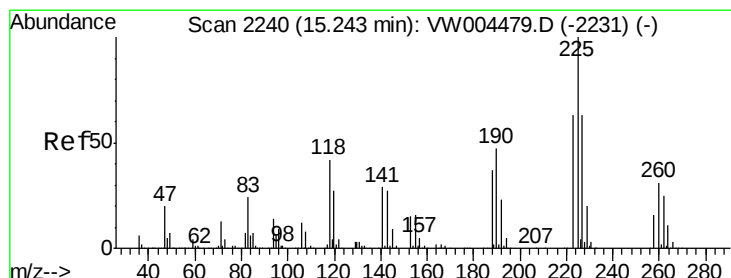
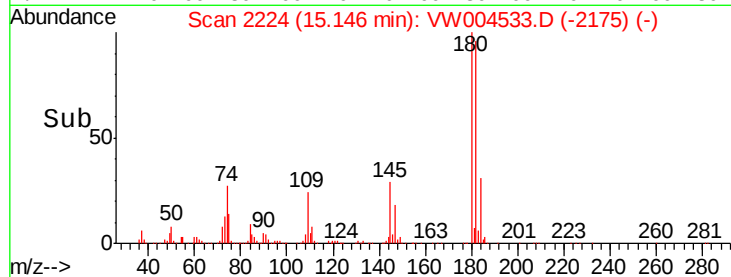
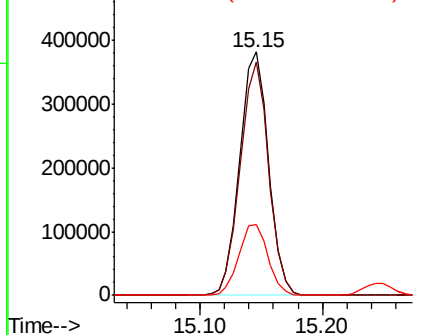
Tot Ion:	180	Resp:	623406
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.6
145	29.7	14.9	44.9

Manual Integrations
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 8/9/2018 10:23:06 AM

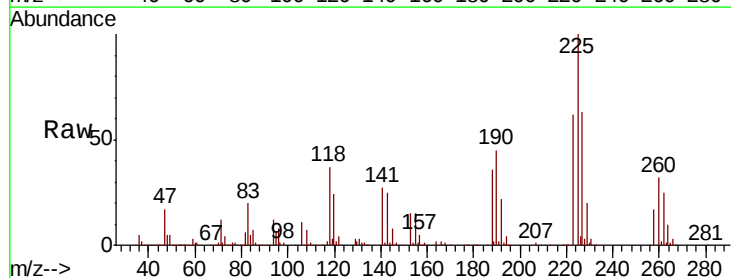


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

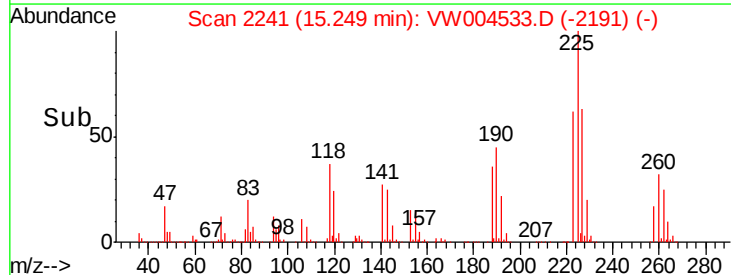
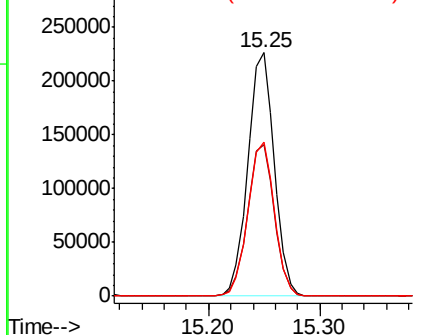


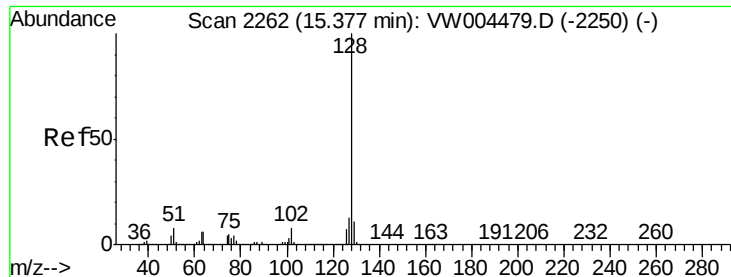
#94
 Hexachlorobutadiene
 Concen: 51.95 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004533.D
 Acq: 08 Aug 2018 17:33

Tgt Ion:	225	Resp:	374190
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.8
227	63.2	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





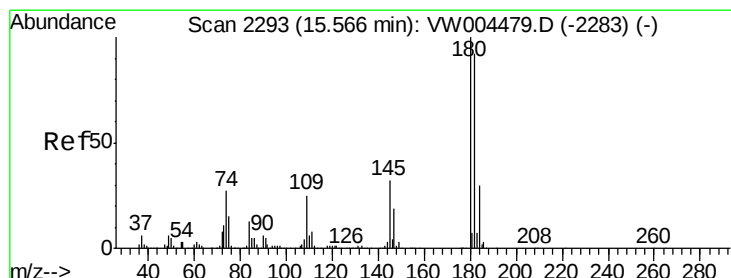
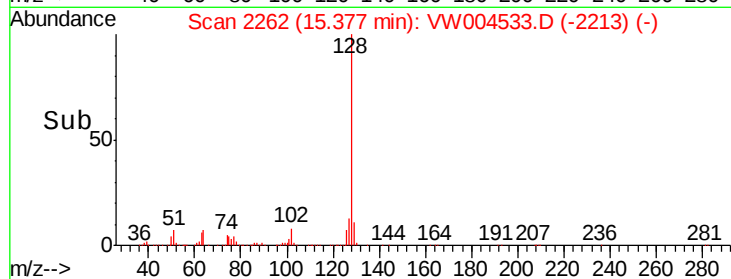
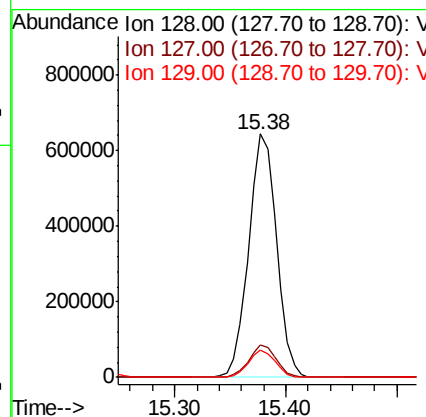
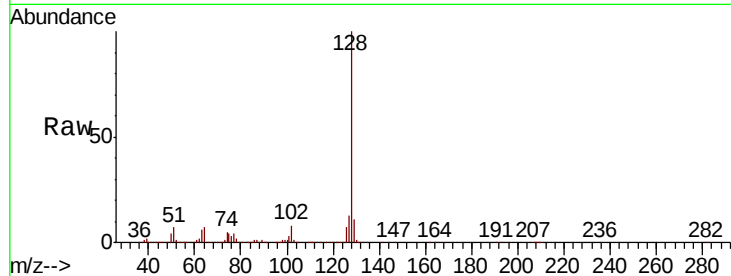
#95
Naphthalene
Concen: 44.33 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.88 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004533.D
Acq: 08 Aug 2018 17:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.0	141.2
145	31.6	15.9	47.6

