

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007061.D
 Acq On : 26 Nov 2018 21:30
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 11/27/2018 3:03:04 PM

Quant Time: Nov 27 07:18:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	106585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51282	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.88	113	46535	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.32	98	203841	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.62	95	82365	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48428	46.02	ug/l	99
3) Chloromethane	2.21	50	43449	49.54	ug/l	99
4) Vinyl Chloride	2.35	62	41842	48.49	ug/l	100
5) Bromomethane	2.78	94	25493	55.35	ug/l	90
6) Chloroethane	2.92	64	23146	48.66	ug/l	99
7) Trichlorofluoromethane	3.26	101	81565	48.07	ug/l	100
8) Diethyl Ether	3.69	74	28623	52.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	49845	45.31	ug/l	98
10) Methyl Iodide	4.28	142	65933	52.36	ug/l	99
11) Tert butyl alcohol	5.22	59	22387	329.56	ug/l	98
12) 1,1-Dichloroethene	4.04	96	47656	49.40	ug/l	98
13) Acrolein	3.90	56	19994	286.60	ug/l	99
14) Allyl chloride	4.67	41	80471	50.29	ug/l	100
15) Acrylonitrile	5.38	53	59818	291.11	ug/l	99
16) Acetone	4.15	43	45666	301.42	ug/l	97
17) Carbon Disulfide	4.38	76	160166	51.35	ug/l	98
18) Methyl Acetate	4.68	43	29757	55.15	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	143651	57.03	ug/l	97
20) Methylene Chloride	4.92	84	64622	53.95	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	55171	49.09	ug/l	97
22) Diisopropyl ether	6.31	45	161936	51.99	ug/l	95
23) Vinyl Acetate	6.26	43	475574	287.54	ug/l	100
24) 1,1-Dichloroethane	6.22	63	94932	50.10	ug/l	98
25) 2-Butanone	7.18	43	75353	290.40	ug/l	96
26) 2,2-Dichloropropane	7.17	77	82405	48.36	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	60932	50.91	ug/l	99
28) Bromochloromethane	7.51	49	35997	50.83	ug/l	100
29) Tetrahydrofuran	7.53	42	48314	287.49	ug/l	99
30) Chloroform	7.68	83	100221	49.79	ug/l	100
31) Cyclohexane	7.96	56	89733	44.65	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	90821	50.09	ug/l	100
36) 1,1-Dichloropropene	8.09	75	80596	49.02	ug/l	99
37) Ethyl Acetate	7.26	43	35187	59.06	ug/l	99
38) Carbon Tetrachloride	8.07	117	78508	49.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	100410	48.80	ug/l	97
40) Benzene	8.32	78	228339	51.45	ug/l	97
41) Methacrylonitrile	7.49	41	20598	55.67	ug/l	100
42) 1,2-Dichloroethane	8.40	62	68008	52.78	ug/l	100
43) Isopropyl Acetate	8.43	43	69912	61.58	ug/l	96
44) Trichloroethene	9.09	130	64089	51.51	ug/l	96
45) 1,2-Dichloropropane	9.37	63	56434	51.58	ug/l	99
46) Dibromomethane	9.46	93	29863	54.51	ug/l	99
47) Bromodichloromethane	9.65	83	76539	53.03	ug/l	98
48) Methyl methacrylate	9.44	41	33540	61.27	ug/l	98
49) 1,4-Dioxane	9.48	88	10184	1250.66	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	169302	295.07	ug/l	100
52) Toluene	10.39	92	157760	52.23	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	80142	57.31	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	92007	54.46	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44636	55.38	ug/l	97
56) Ethyl methacrylate	10.65	69	58216	62.22	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74824	55.39	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	135416	276.97	ug/l	100
59) 2-Hexanone	10.97	43	120917	307.75	ug/l	100
60) Dibromochloromethane	11.13	129	53685	58.45	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42585	57.75	ug/l	100
64) Tetrachloroethene	10.87	164	55324	52.43	ug/l	98
65) Chlorobenzene	11.66	112	178267	52.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	55906	53.99	ug/l	99
67) Ethyl Benzene	11.73	91	319445	50.80	ug/l	100
68) m/p-Xylenes	11.84	106	253034	102.56	ug/l	99
69) o-Xylene	12.17	106	120117	51.63	ug/l	99
70) Styrene	12.18	104	197316	53.29	ug/l	100
71) Bromoform	12.35	173	29371	60.21	ug/l #	99
73) Isopropylbenzene	12.47	105	327923	50.29	ug/l	99
74) N-amyl acetate	12.27	43	68456	62.64	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	47801	55.09	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30287m	45.94	ug/l	
77) Bromobenzene	12.75	156	73450	52.45	ug/l	98
78) n-propylbenzene	12.81	91	389514	49.32	ug/l	100
79) 2-Chlorotoluene	12.90	91	228701	50.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	289159	51.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14949	56.93	ug/l	98
82) 4-Chlorotoluene	12.99	91	242096	50.66	ug/l	100
83) tert-Butylbenzene	13.21	119	245084	50.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	288706	51.39	ug/l	99
85) sec-Butylbenzene	13.39	105	342356	49.64	ug/l	99
86) p-Isopropyltoluene	13.51	119	307629	50.56	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	147070	51.44	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	148975	52.26	ug/l	99
89) n-Butylbenzene	13.83	91	288714	50.43	ug/l	100
90) Hexachloroethane	14.10	117	45806	51.57	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	134176	53.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9159	62.50	ug/l	99

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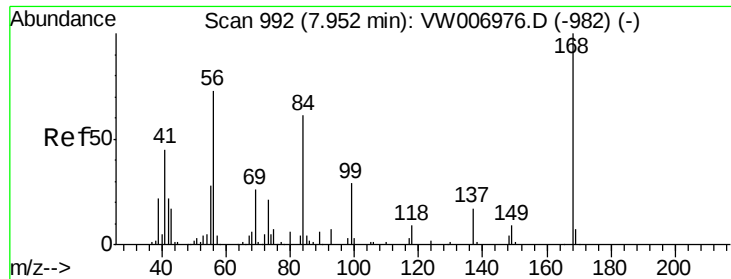
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89308	54.06	ug/l	99
94) Hexachlorobutadiene	15.24	225	46589	51.88	ug/l	98
95) Naphthalene	15.37	128	180895	60.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	77147	56.29	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 106585

Ion Ratio Lower Upper

168 100

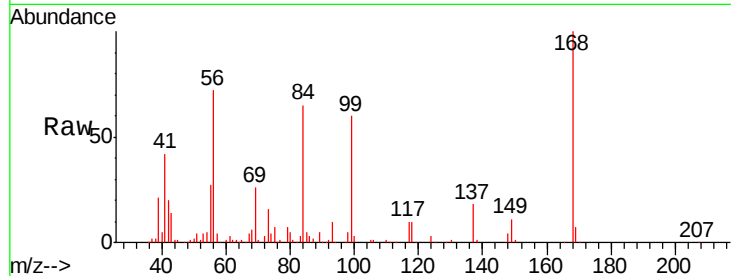
99 60.2 48.2 72.4

Manual Integrations

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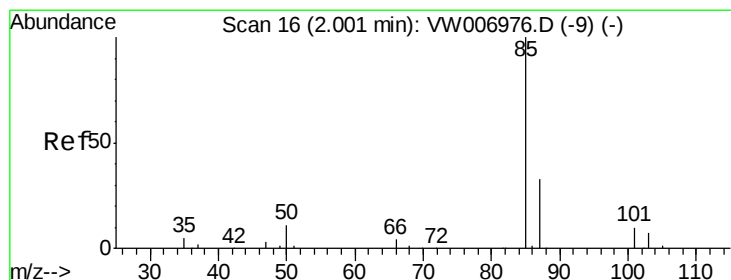
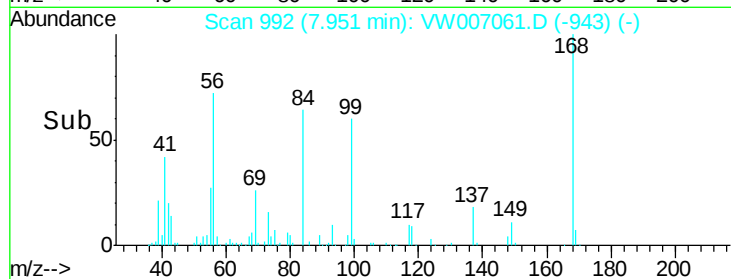
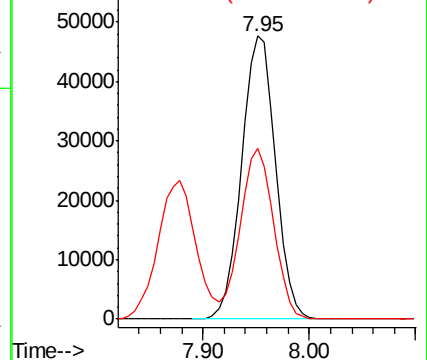
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.02 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007061.D

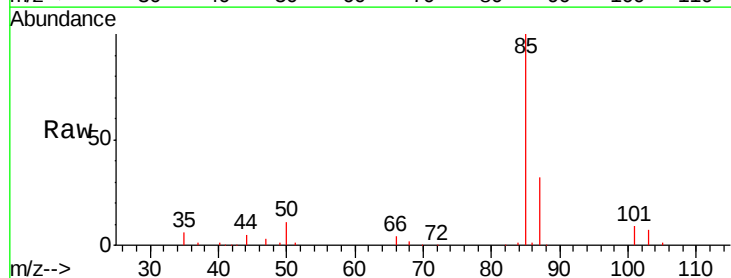
Acq: 26 Nov 2018 21:30

Tgt Ion: 85 Resp: 48428

Ion Ratio Lower Upper

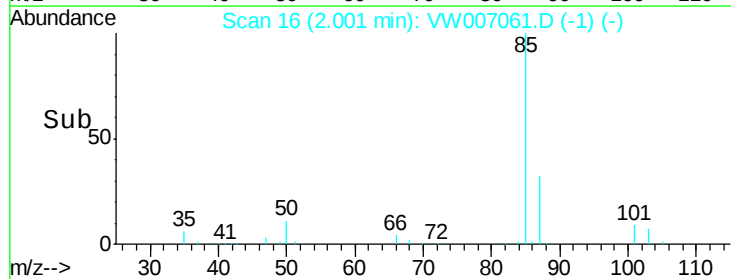
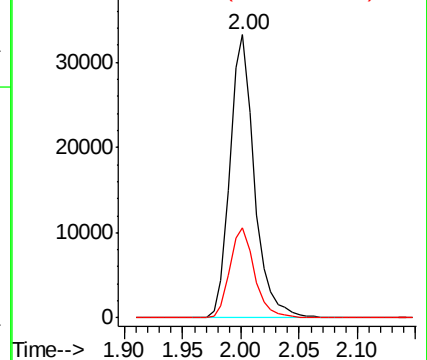
85 100

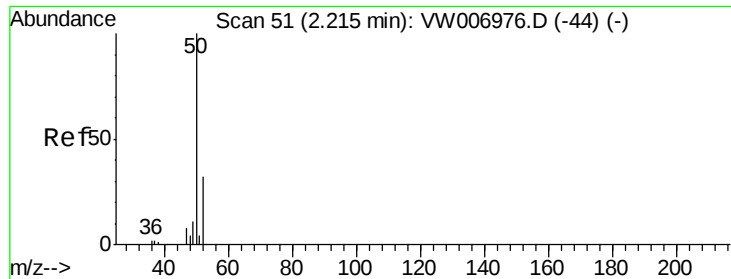
87 31.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.54 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 43449

Ion Ratio Lower Upper

50 100

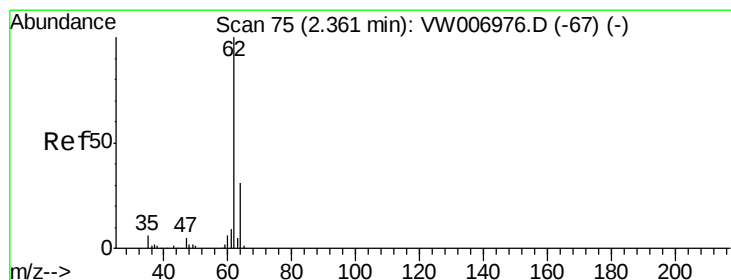
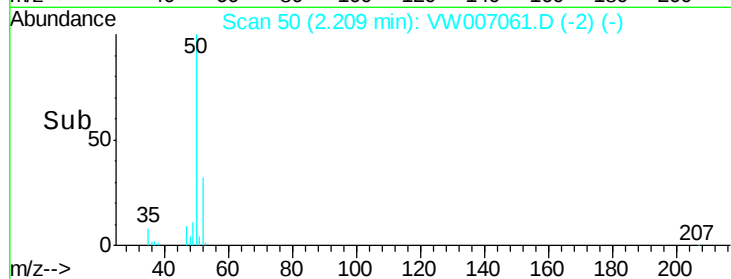
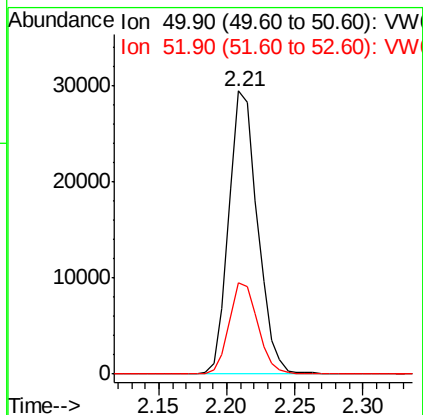
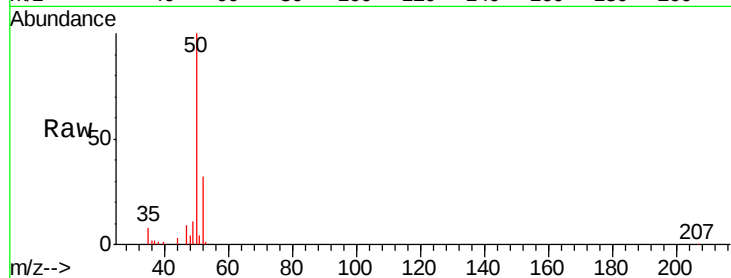
52 32.4 25.7 38.5

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#4

Vinyl Chloride

Concen: 48.49 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007061.D

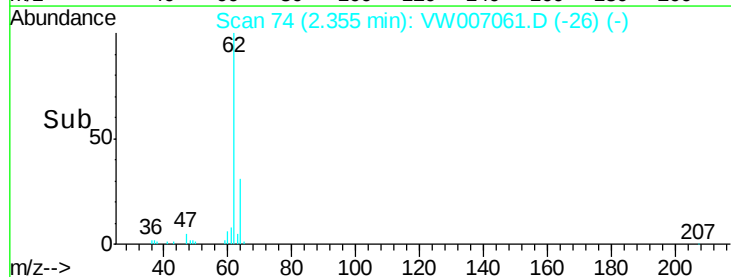
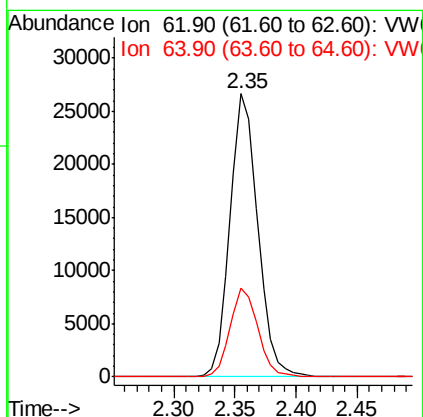
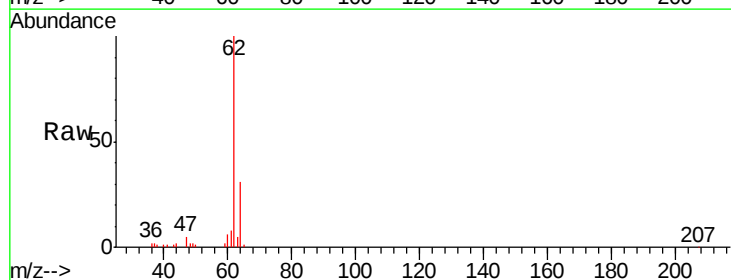
Acq: 26 Nov 2018 21:30

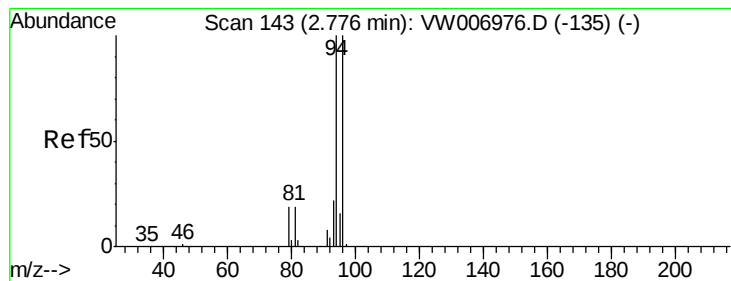
Tgt Ion: 62 Resp: 41842

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 55.35 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 25493

Ion Ratio Lower Upper

94 100

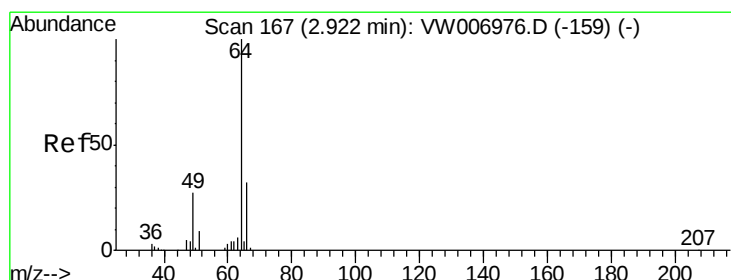
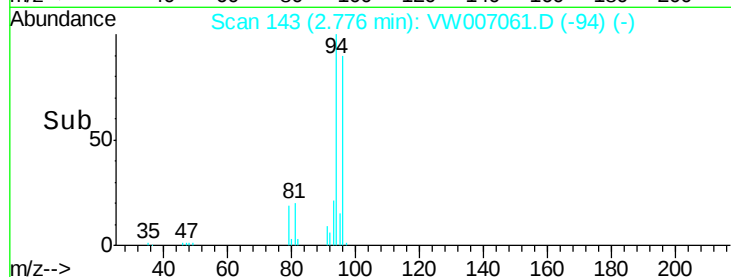
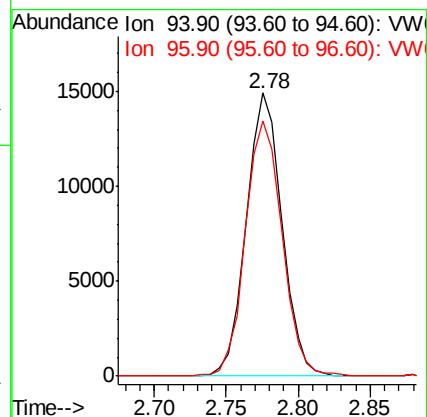
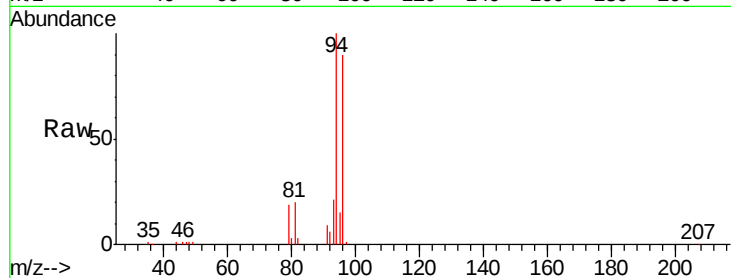
96 90.4 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 48.66 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007061.D

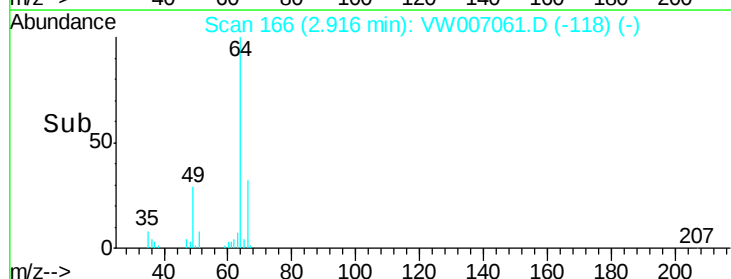
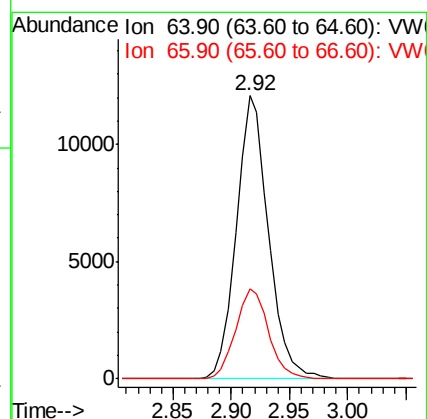
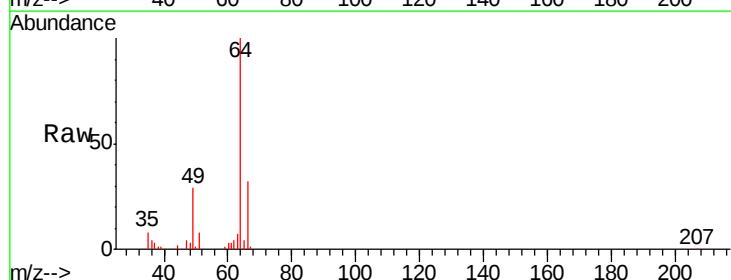
Acq: 26 Nov 2018 21:30

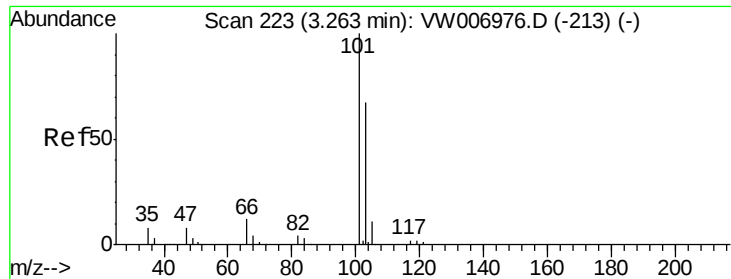
Tgt Ion: 64 Resp: 23146

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9





#7

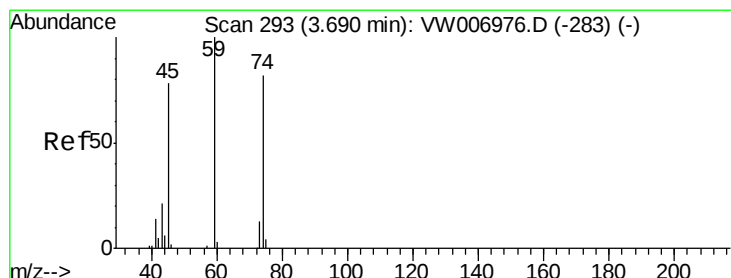
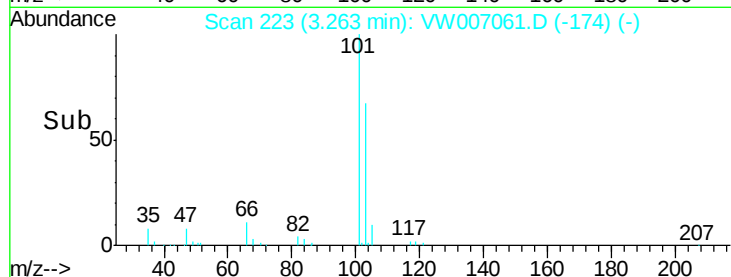
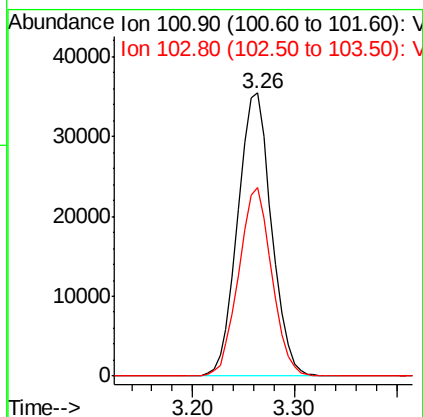
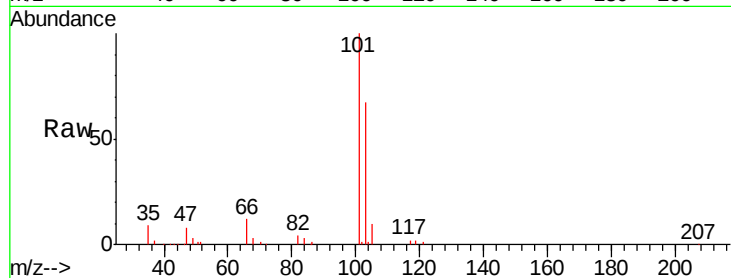
Trichlorofluoromethane
 Concen: 48.07 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

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 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.5	53.4	80.2

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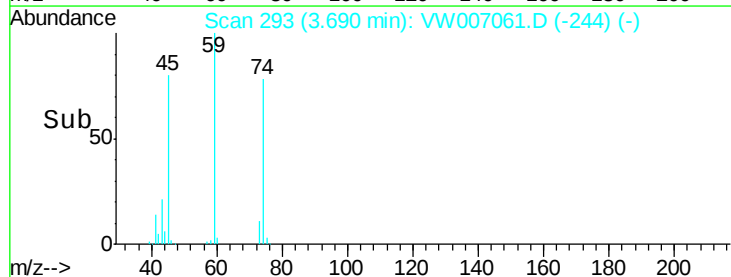
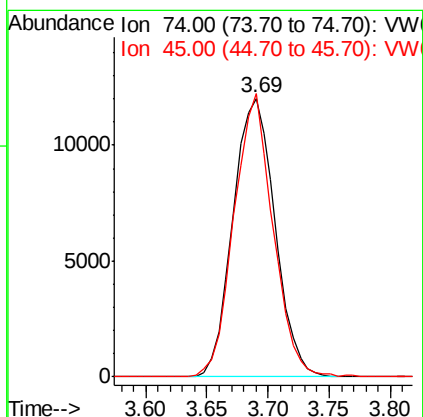
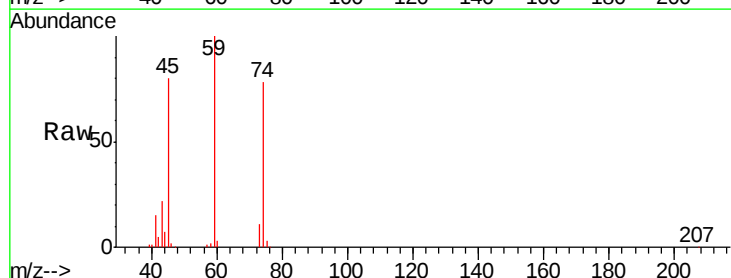
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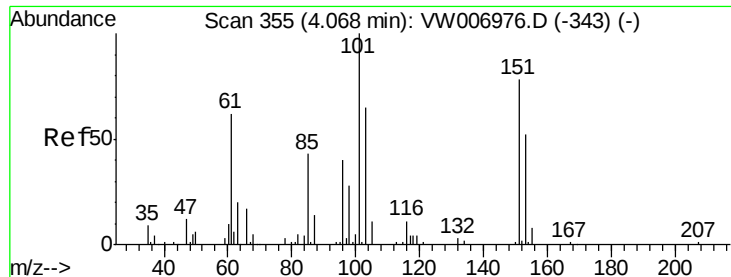


#8

Diethyl Ether
 Concen: 52.35 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.31 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007061.D

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Instrument :

MSVOA_W

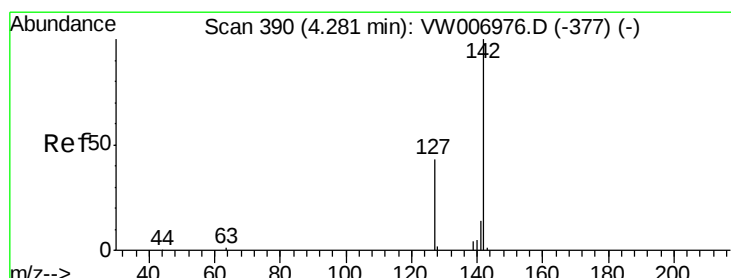
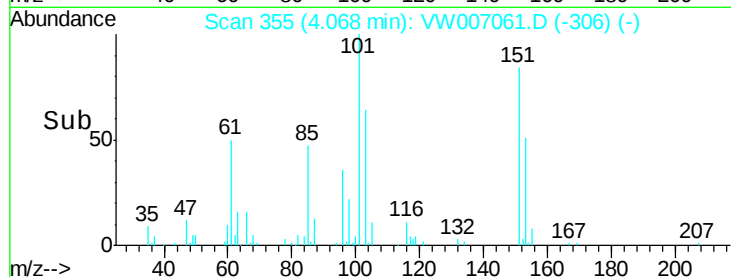
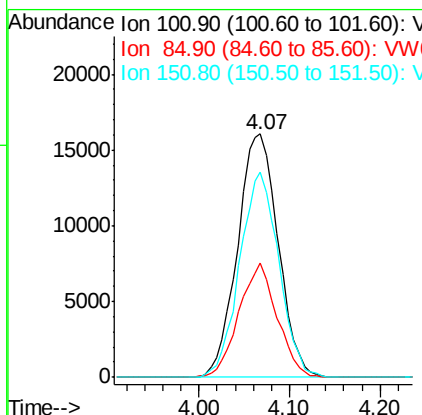
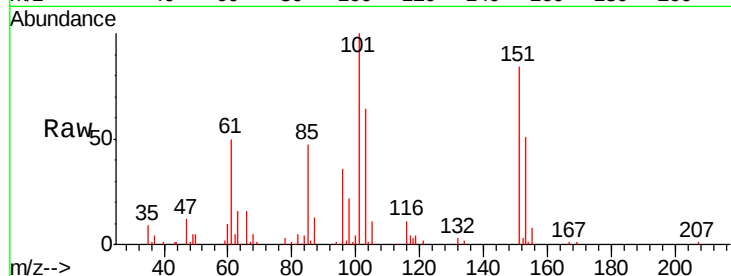
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	49845
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.3	51.5
151	81.4	63.4	95.2

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#10

Methyl Iodide

Concen: 52.36 ug/l

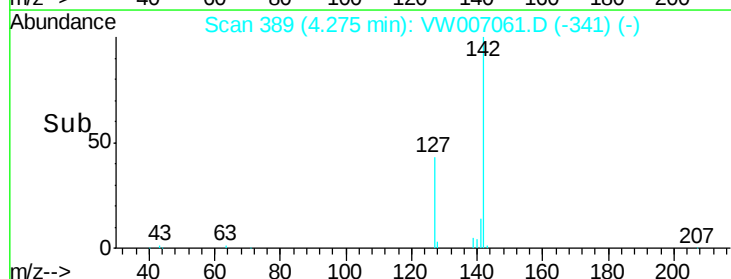
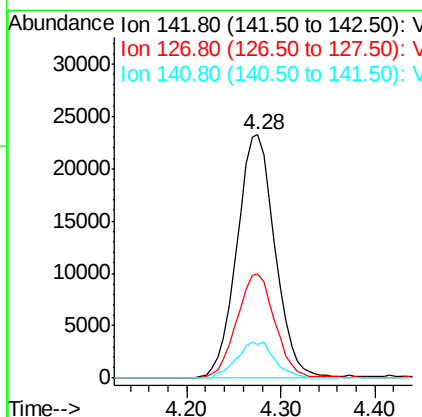
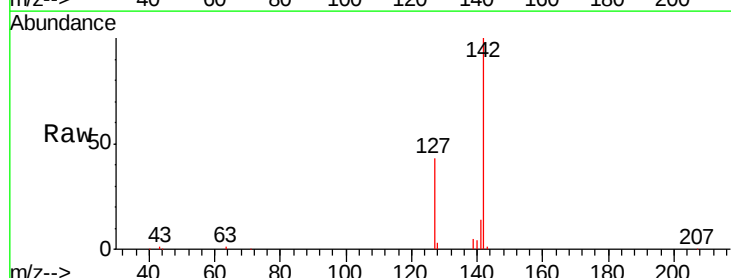
RT: 4.28 min Scan# 389

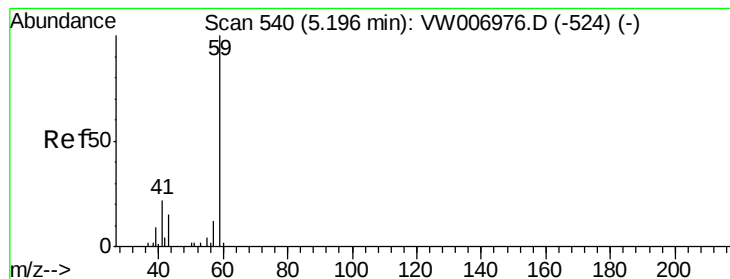
Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	142	Resp:	65933
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.3	52.9
141	15.0	11.7	17.5





#11

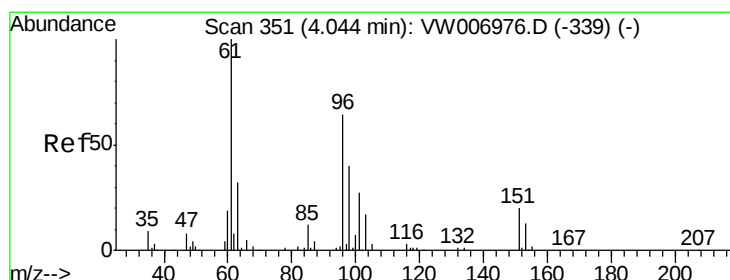
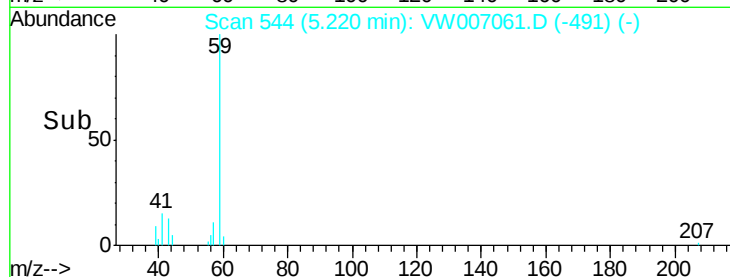
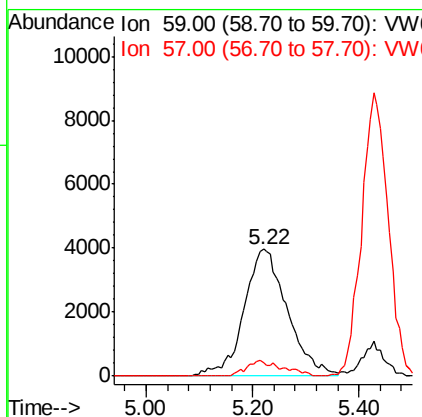
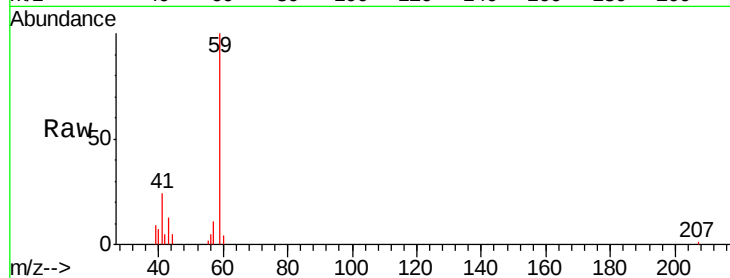
Tert butyl alcohol
Concen: 329.56 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 22387
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0

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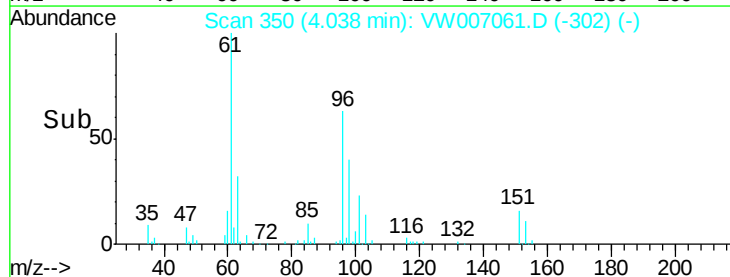
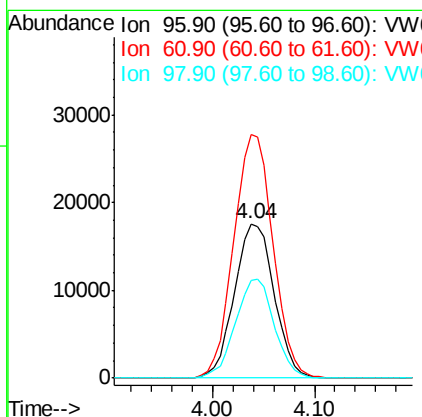
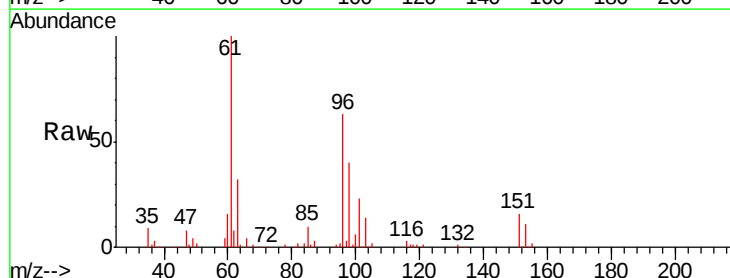
apatel
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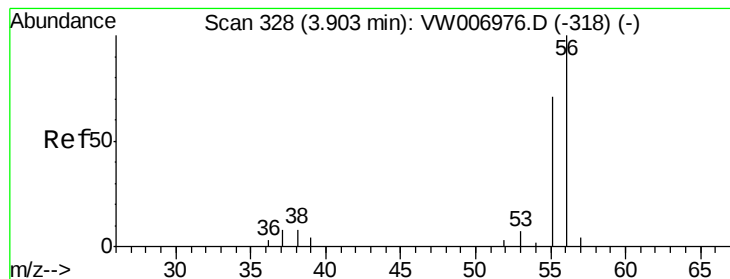


#12

1,1-Dichloroethene
Concen: 49.40 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion: 96 Resp: 47656
Ion Ratio Lower Upper
96 100
61 158.1 124.3 186.5
98 63.4 49.4 74.2





#13

Acrolein

Concen: 286.60 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 19994

Ion Ratio Lower Upper

56 100

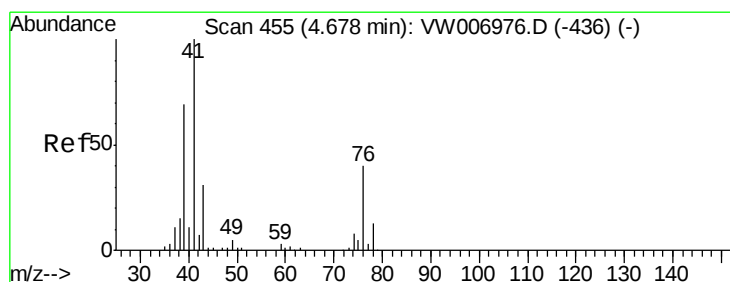
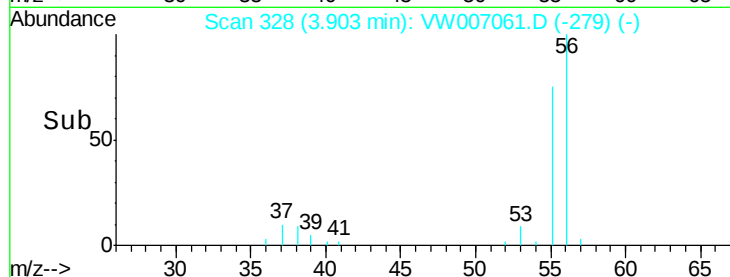
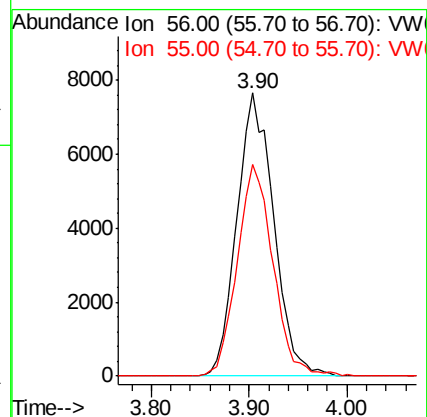
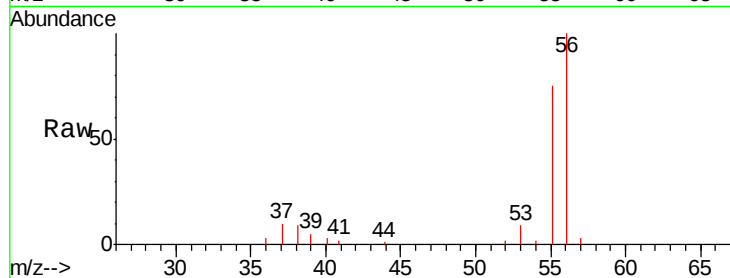
55 72.8 57.5 86.3

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#14

Allyl chloride

Concen: 50.29 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

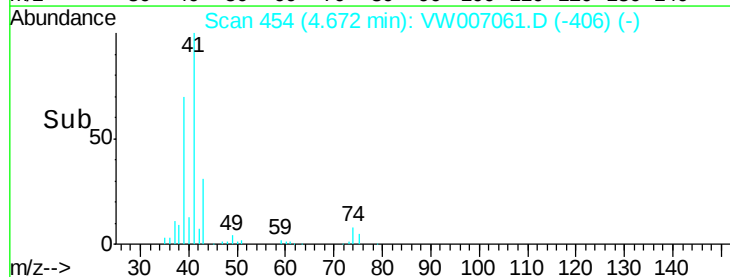
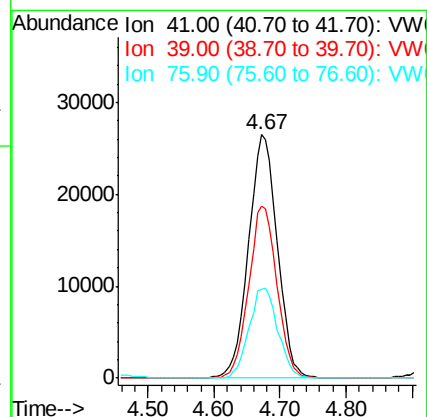
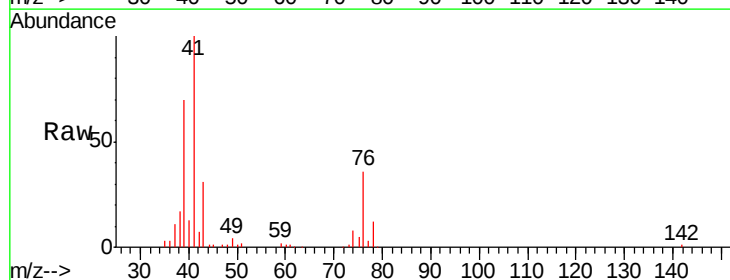
Tgt Ion: 41 Resp: 80471

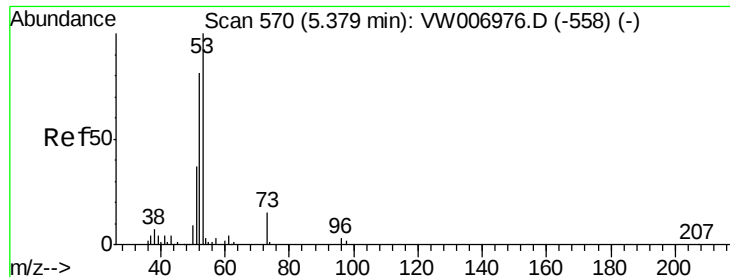
Ion Ratio Lower Upper

41 100

39 69.2 55.4 83.2

76 36.9 29.6 44.4





#15

Acrylonitrile

Concen: 291.11 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

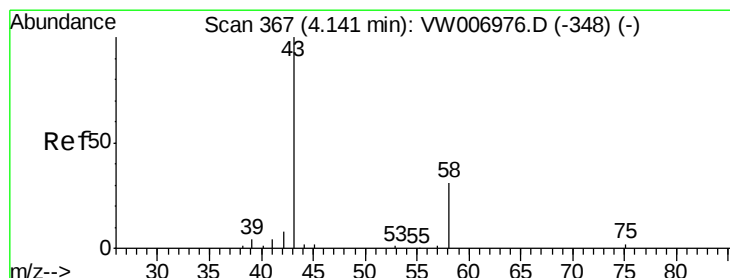
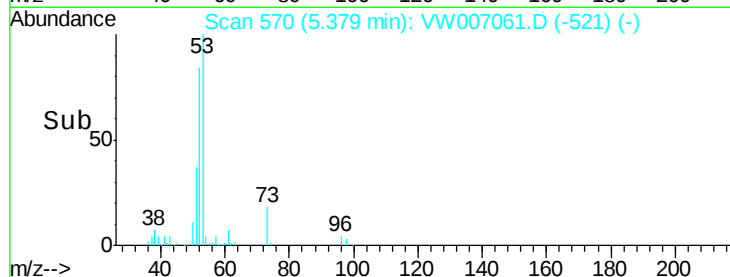
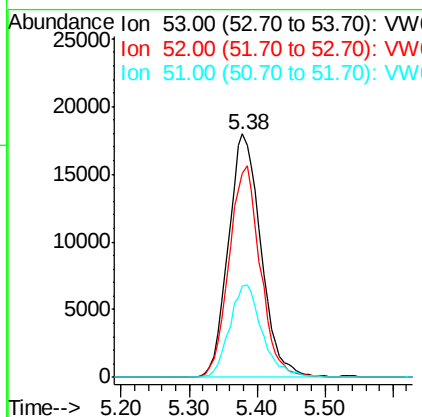
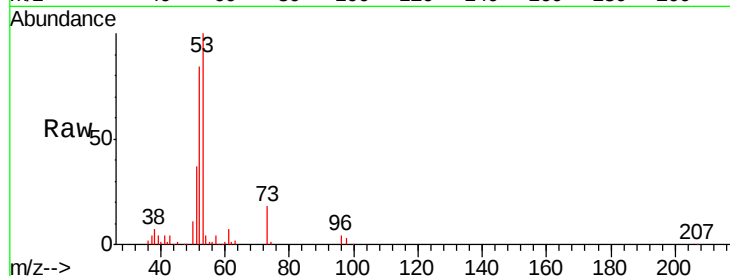
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	59818
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.7	98.5
51	37.9	29.9	44.9

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#16

Acetone

Concen: 301.42 ug/l

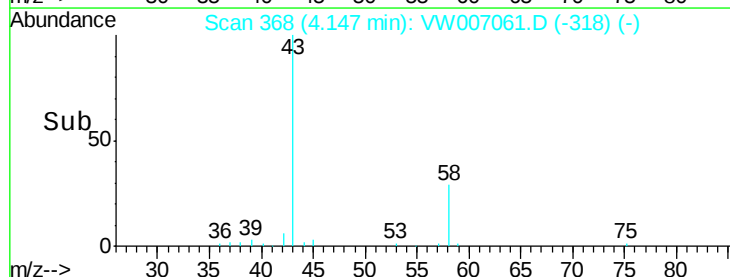
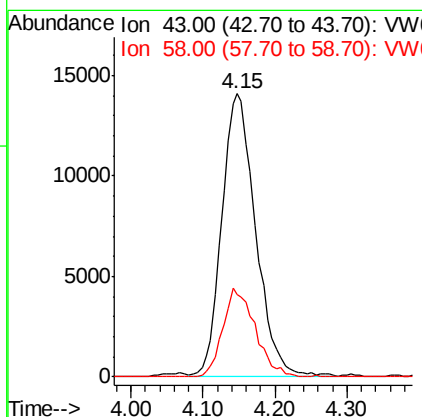
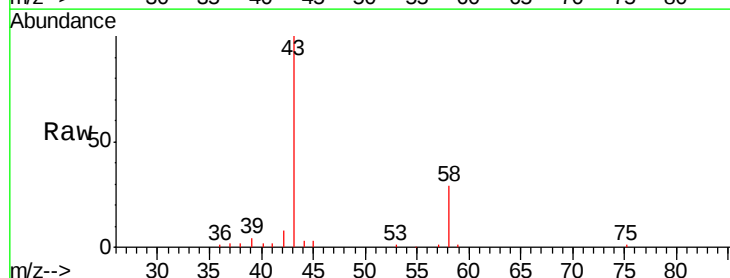
RT: 4.15 min Scan# 368

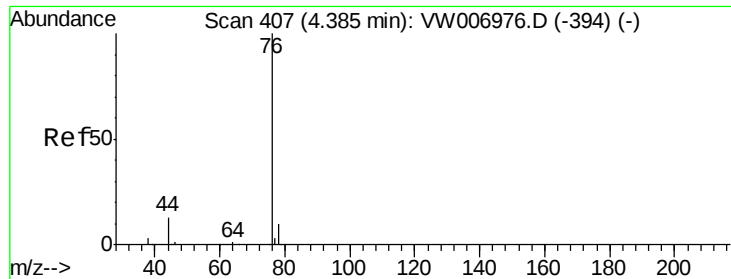
Delta R.T. 0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	43	Resp:	45666
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.8	37.2





#17

Carbon Disulfide

Concen: 51.35 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 160166

Ion Ratio Lower Upper

76 100

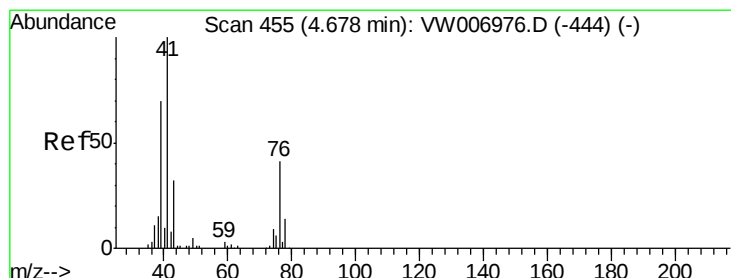
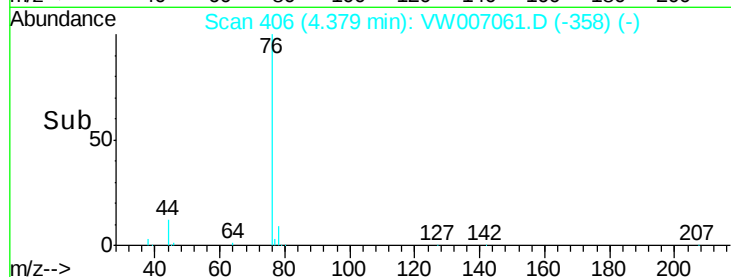
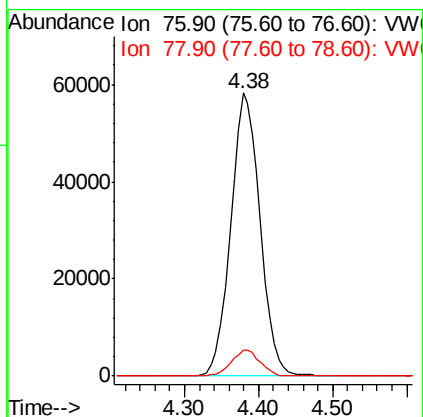
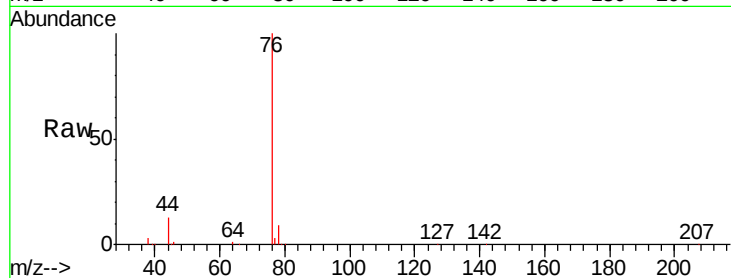
78 9.1 7.8 11.6

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#18

Methyl Acetate

Concen: 55.15 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007061.D

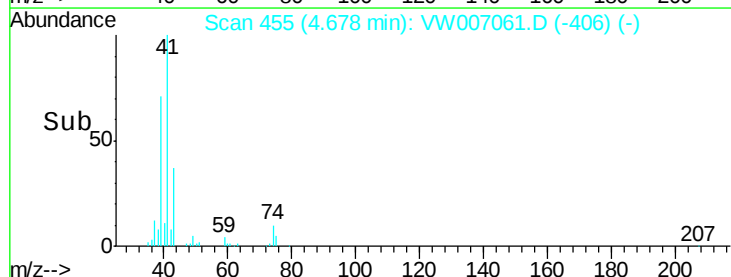
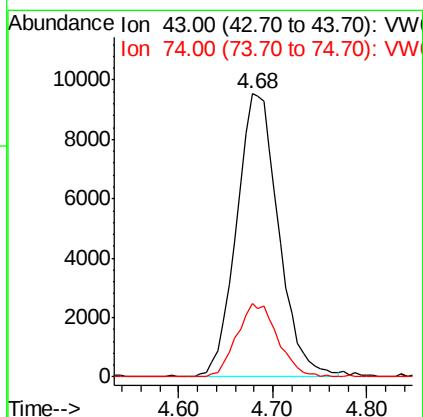
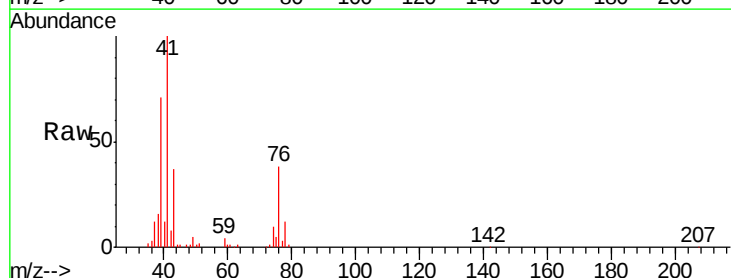
Acq: 26 Nov 2018 21:30

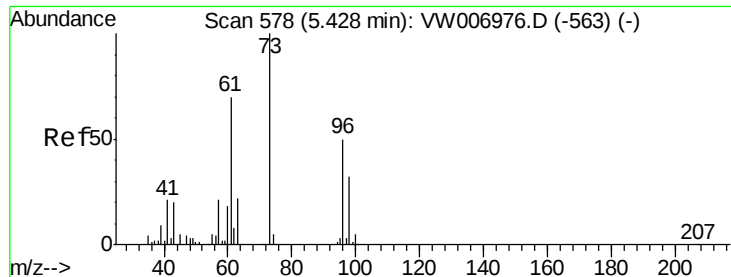
Tgt Ion: 43 Resp: 29757

Ion Ratio Lower Upper

43 100

74 25.2 20.1 30.1





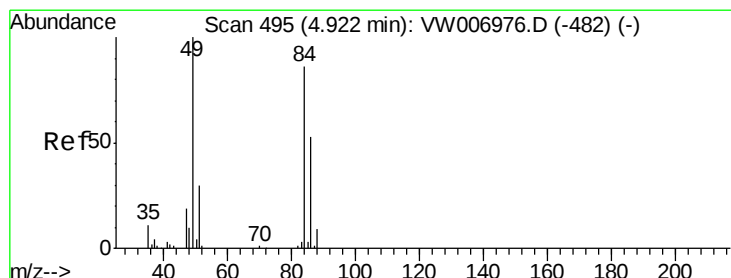
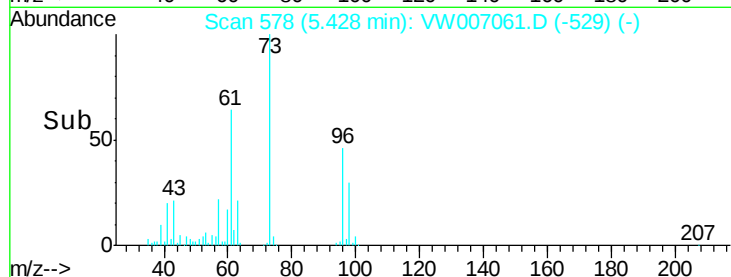
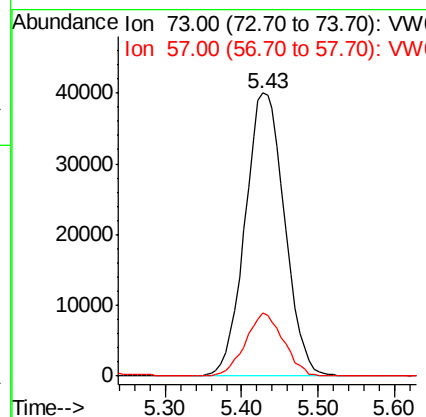
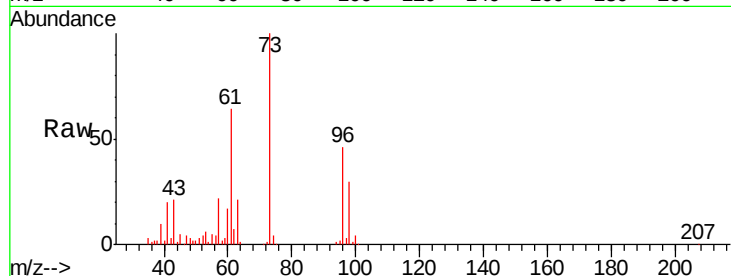
#19
Methyl tert-butyl Ether
Concen: 57.03 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 143651
Ion Ratio Lower Upper
73 100
57 22.1 16.7 25.1

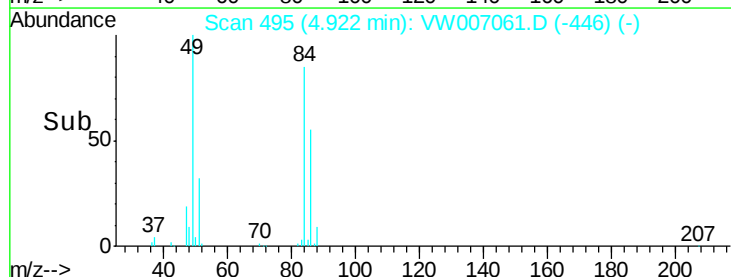
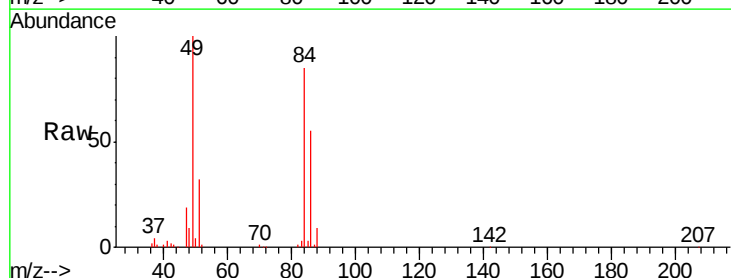
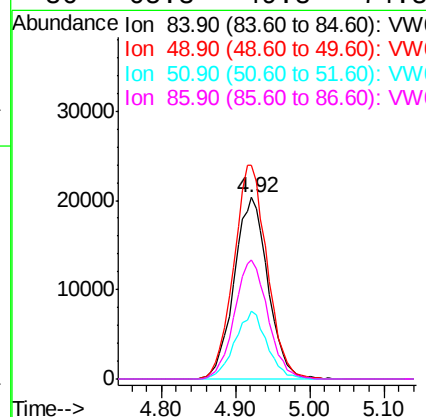
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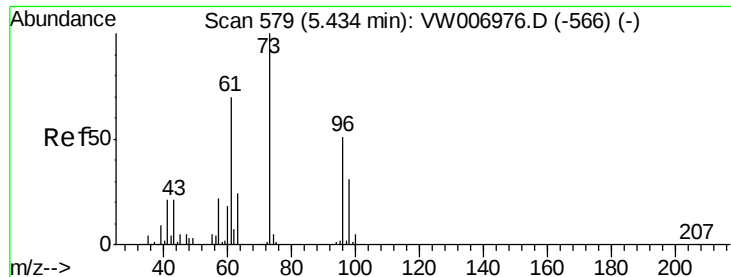
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#20
Methylene Chloride
Concen: 53.95 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion: 84 Resp: 64622
Ion Ratio Lower Upper
84 100
49 117.8 93.4 140.0
51 37.7 28.4 42.6
86 65.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 49.09 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

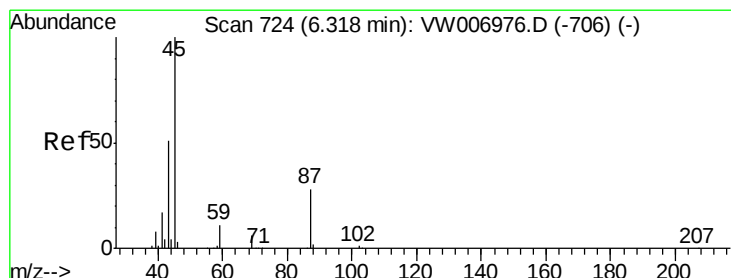
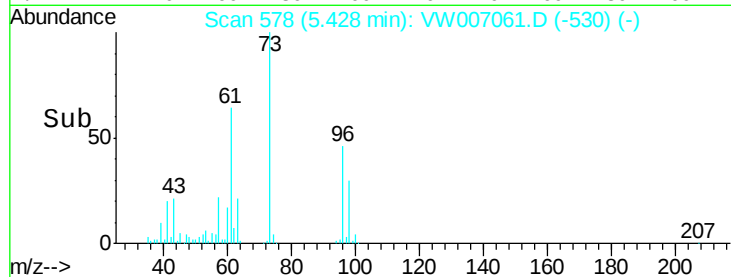
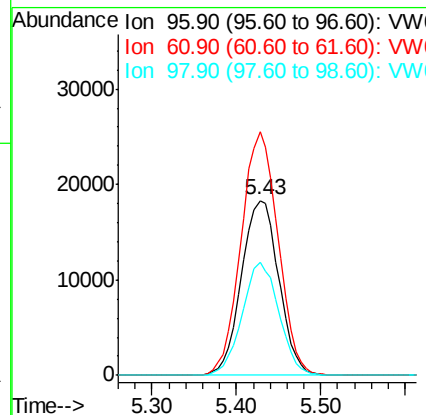
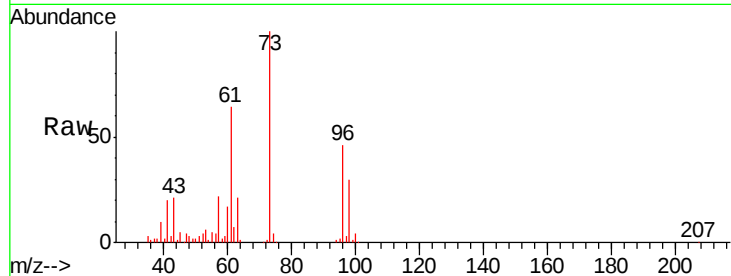
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	55171
Ion	Ratio	Lower	Upper
96	100		
61	139.3	109.4	164.0
98	64.8	48.3	72.5

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#22

Diisopropyl ether

Concen: 51.99 ug/l

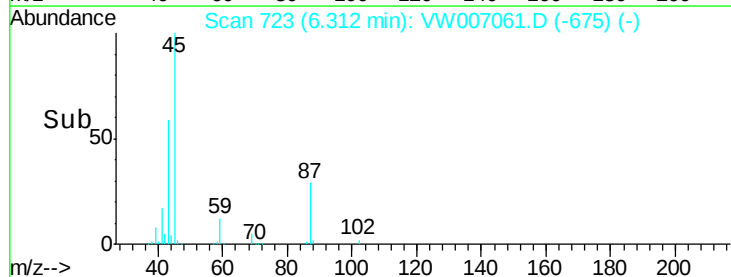
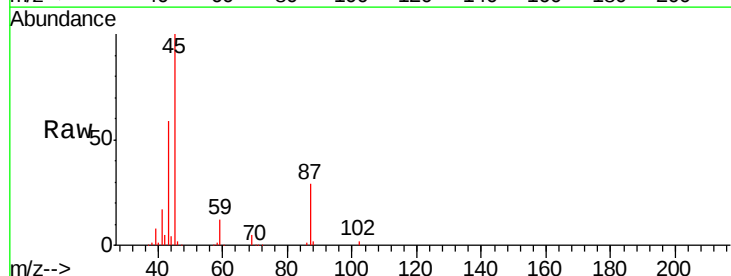
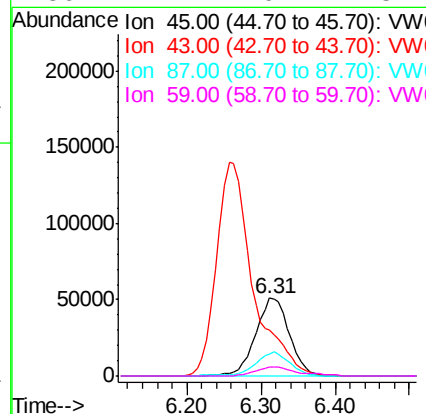
RT: 6.31 min Scan# 723

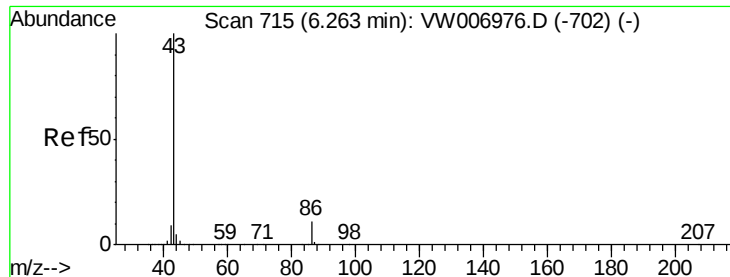
Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	45	Resp:	161936
Ion	Ratio	Lower	Upper
45	100		
43	58.5	42.5	63.7
87	28.8	22.8	34.2
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 287.54 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 475574

Ion Ratio Lower Upper

43 100

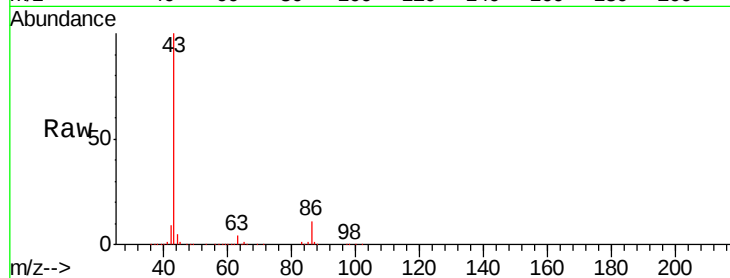
86 10.8 8.7 13.1

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

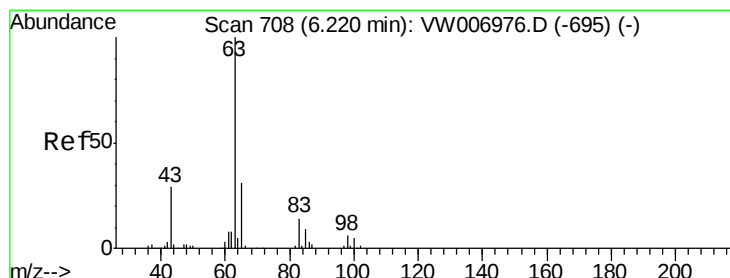
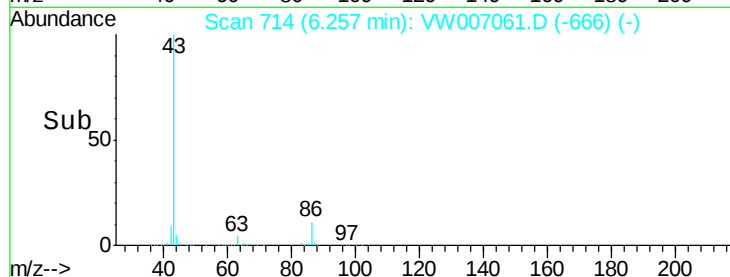
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.10 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

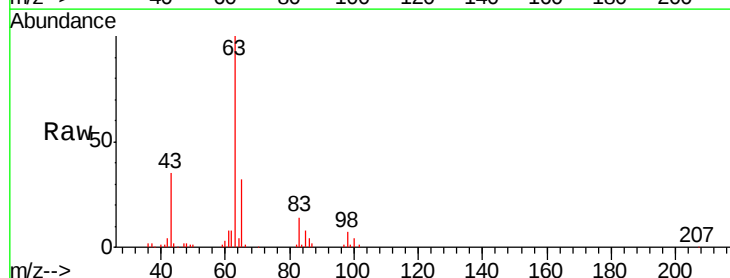
Tgt Ion: 63 Resp: 94932

Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

100 4.3 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

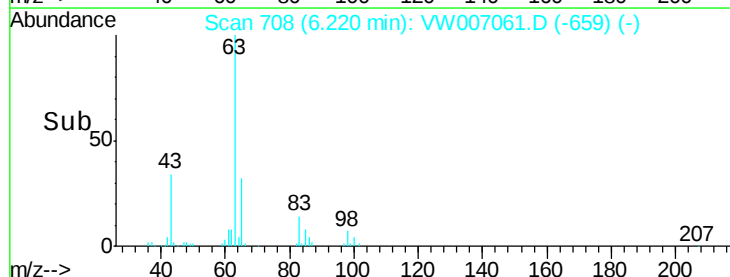
30000

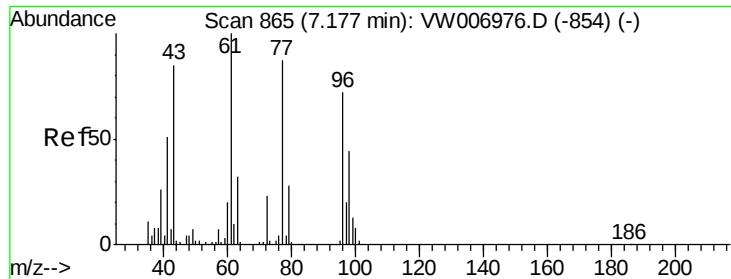
20000

10000

0

Time-->





#25

2-Butanone

Concen: 290.40 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 75353

Ion Ratio Lower Upper

43 100

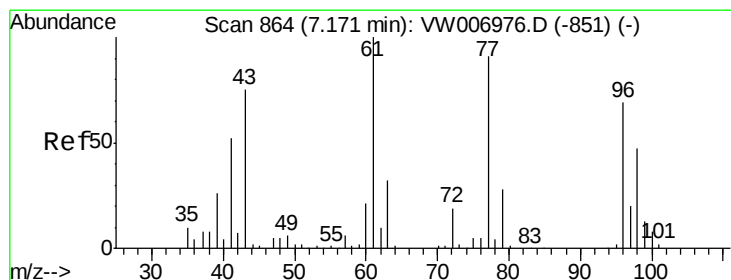
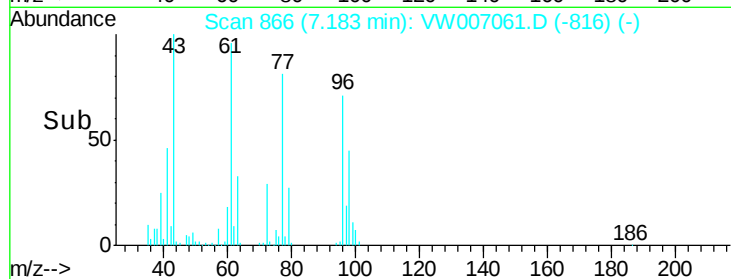
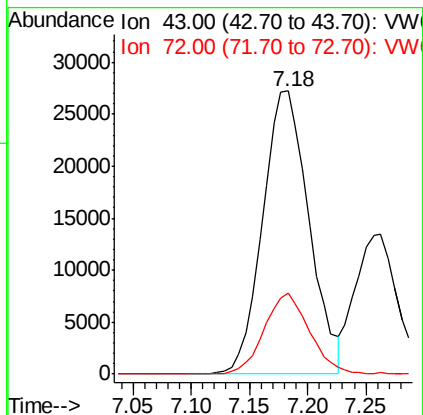
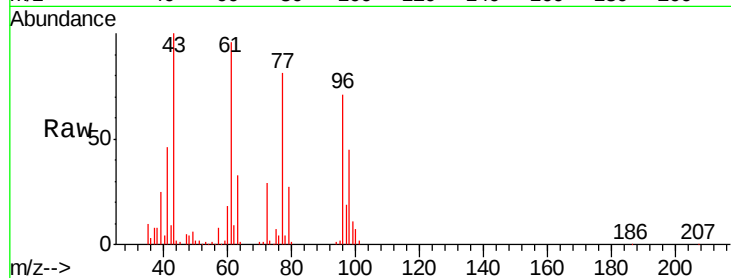
72 28.9 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 48.36 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007061.D

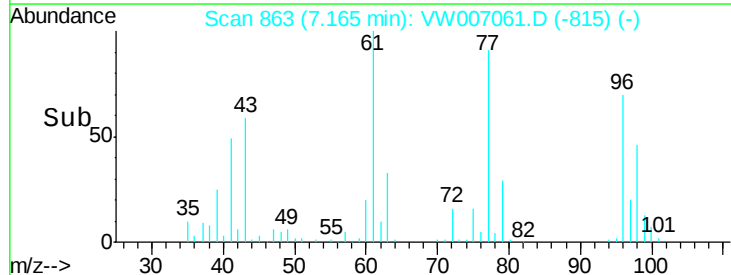
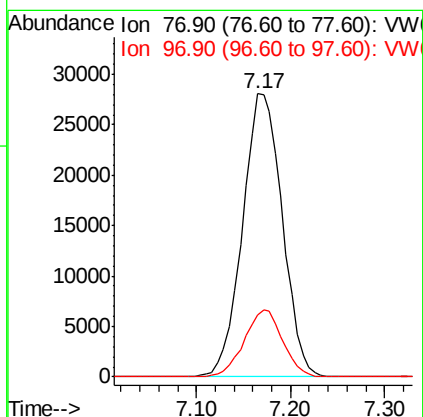
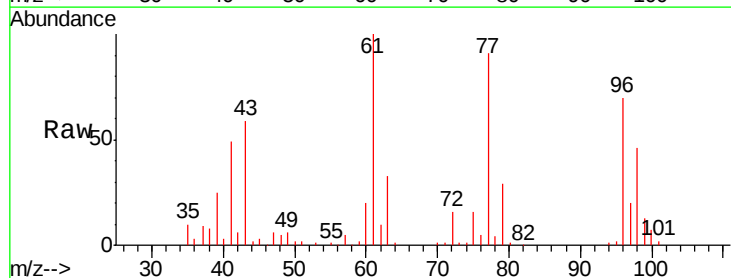
Acq: 26 Nov 2018 21:30

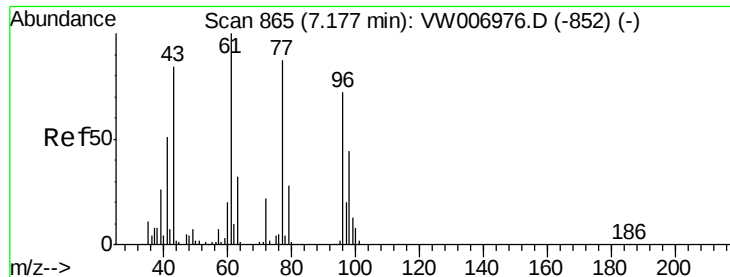
Tgt Ion: 77 Resp: 82405

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.91 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

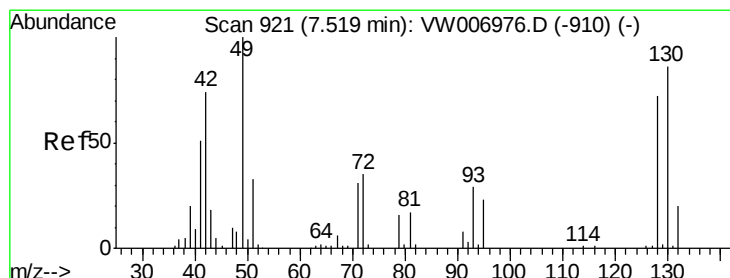
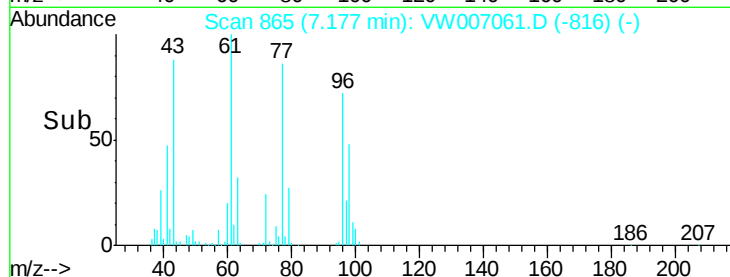
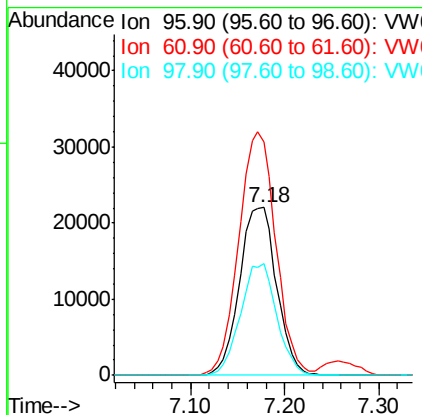
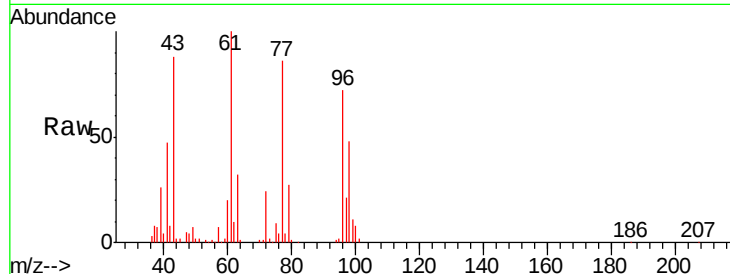
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	60932
Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	292.6
98	64.9	0.0	129.8

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#28

Bromochloromethane

Concen: 50.83 ug/l

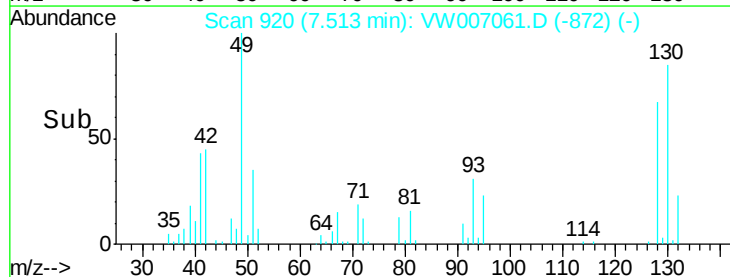
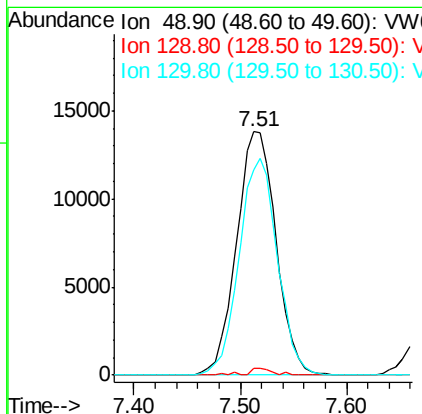
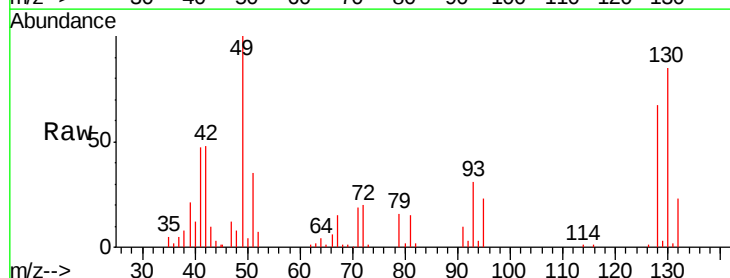
RT: 7.51 min Scan# 920

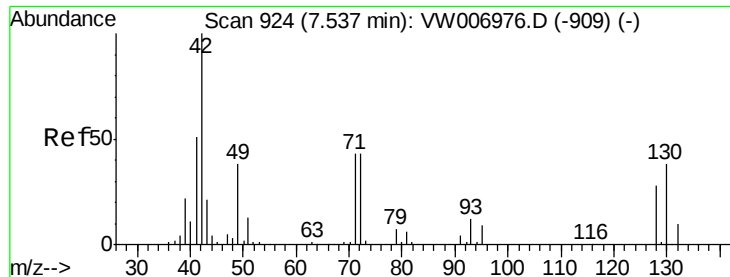
Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	49	Resp:	35997
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.0
130	86.2	69.0	103.4





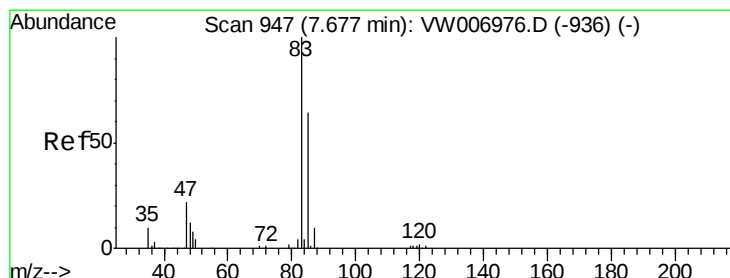
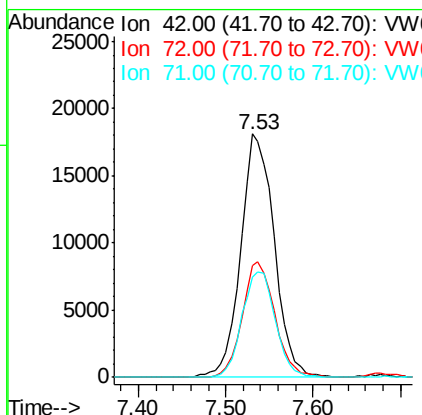
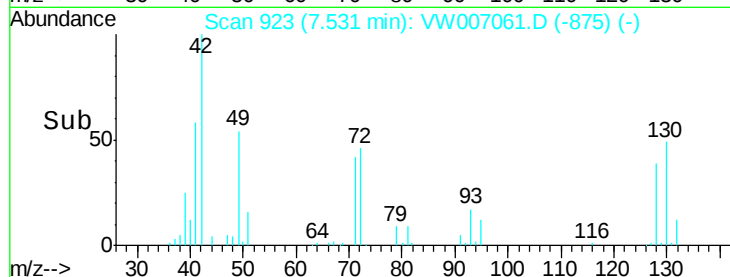
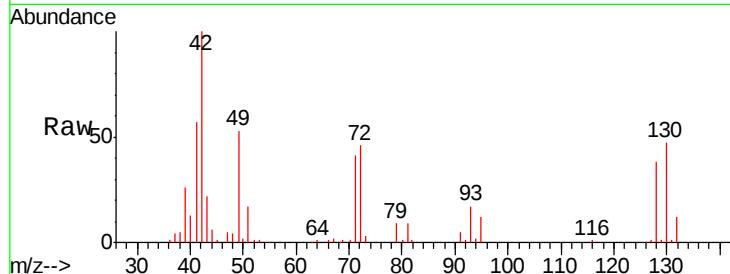
#29
Tetrahydrofuran
Concen: 287.49 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.2	54.4
71	42.9	33.8	50.8

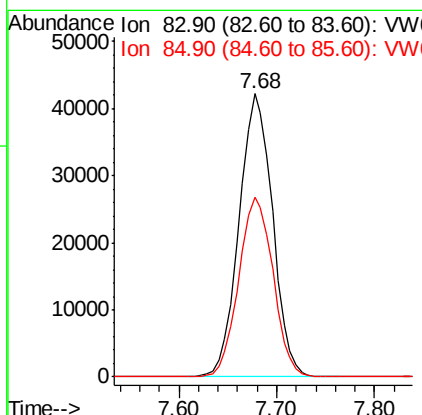
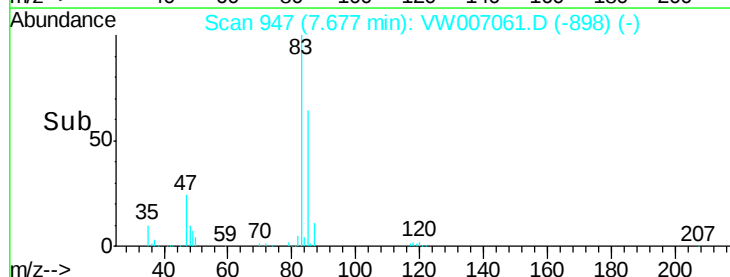
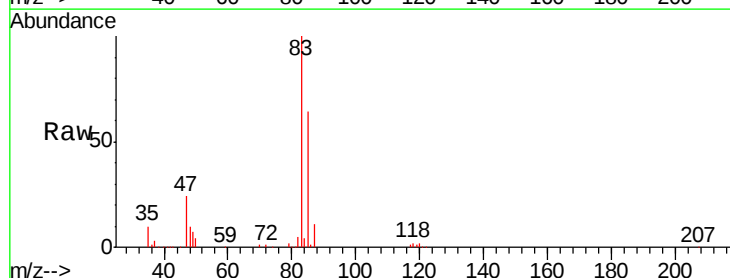
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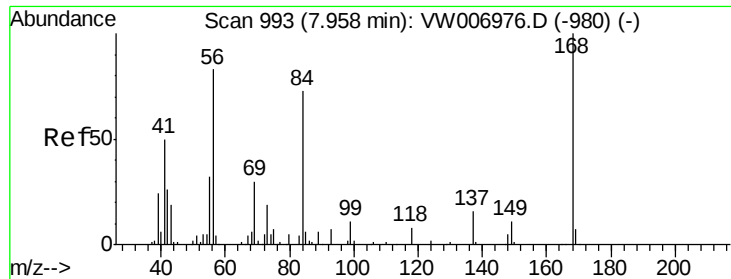
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#30
Chloroform
Concen: 49.79 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3





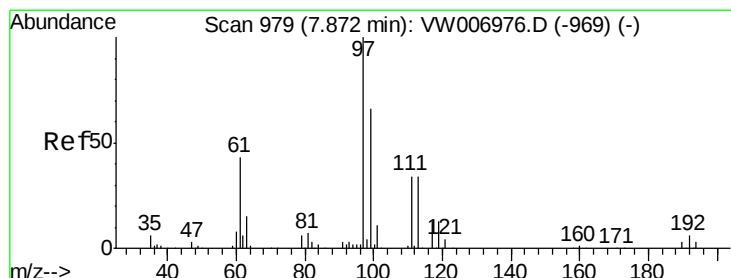
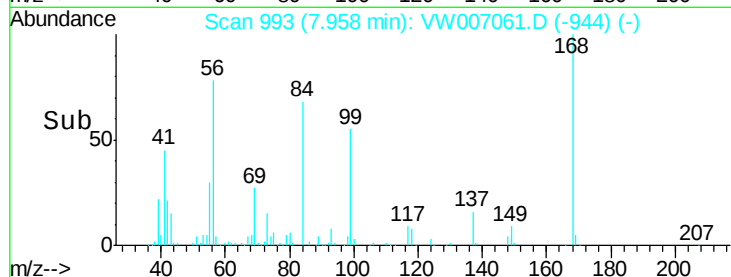
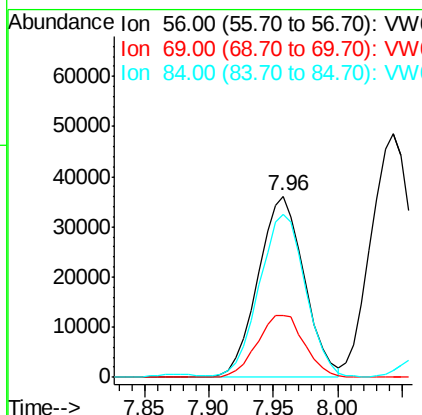
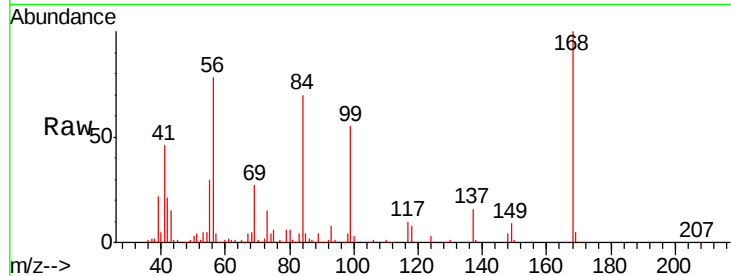
#31
Cyclohexane
Concen: 44.65 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.1	29.1	43.7
84	88.6	70.6	105.8

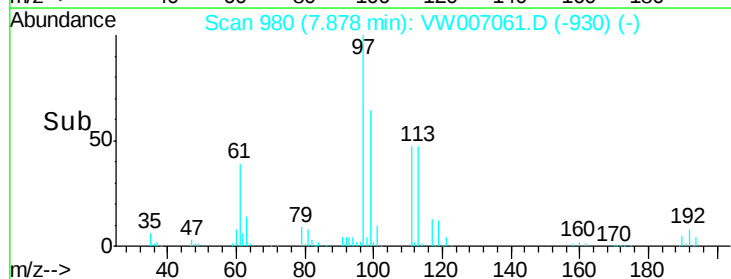
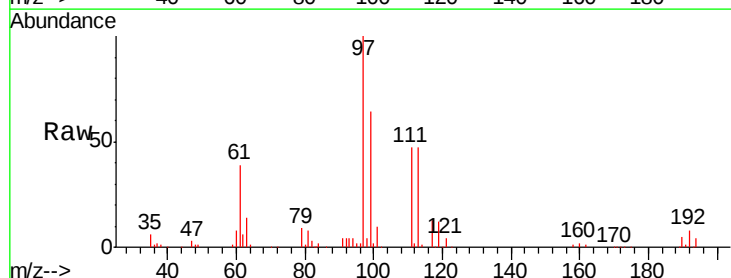
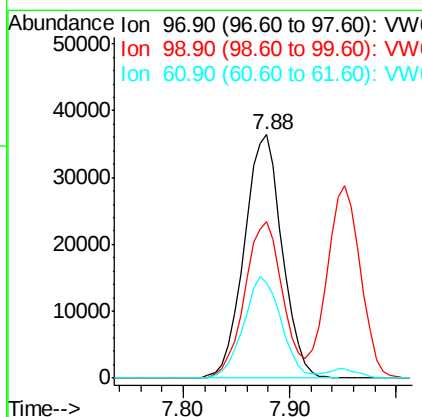
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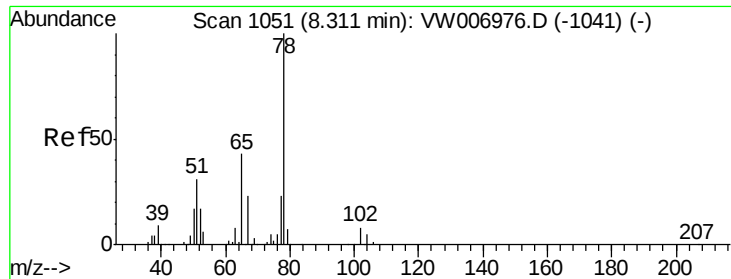
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#32
1,1,1-Trichloroethane
Concen: 50.09 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.9	77.9
61	41.7	33.4	50.2





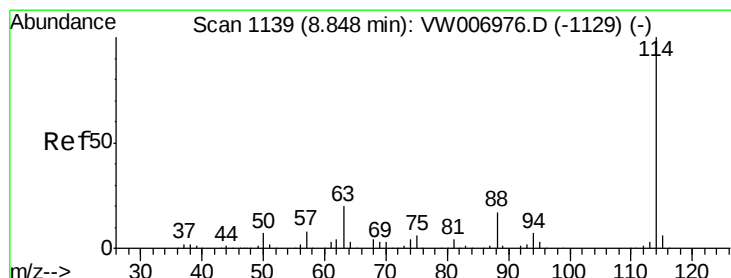
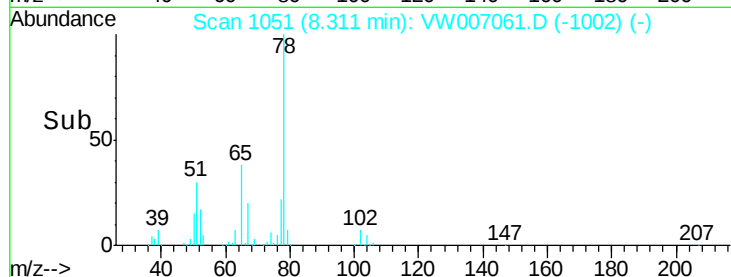
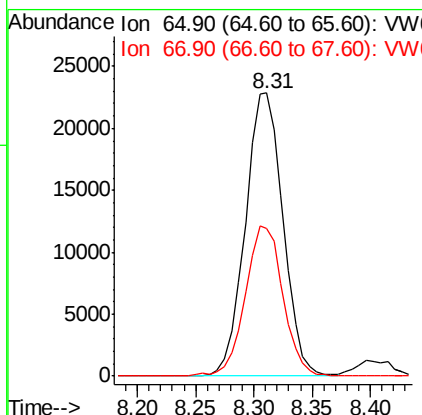
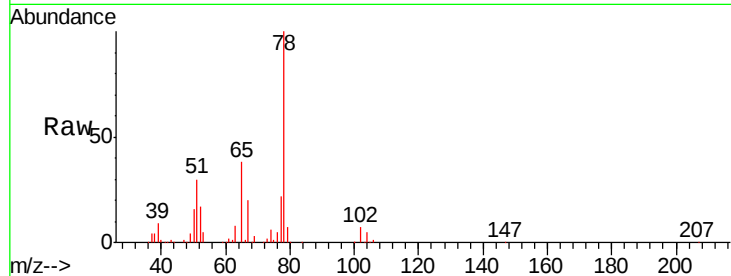
#33
 1,2-Dichloroethane-d4
 Concen: 49.14 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 51282
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2

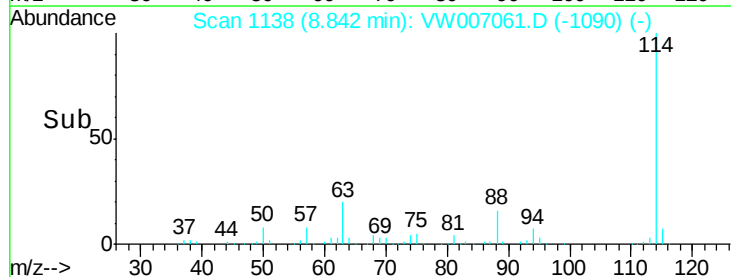
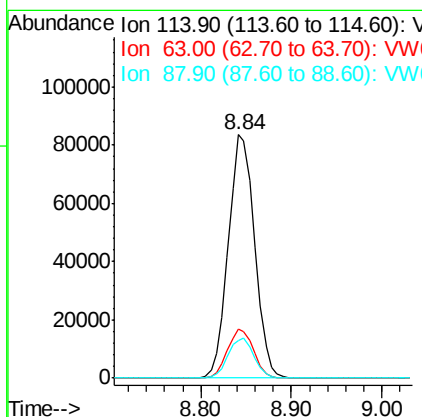
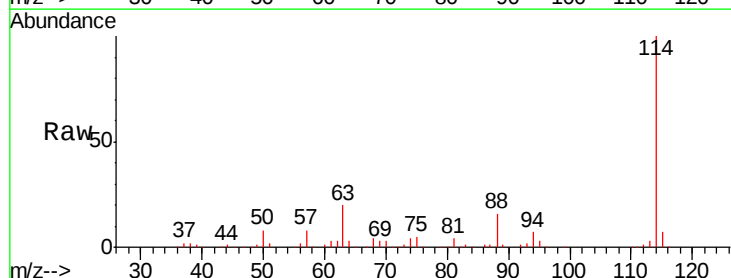
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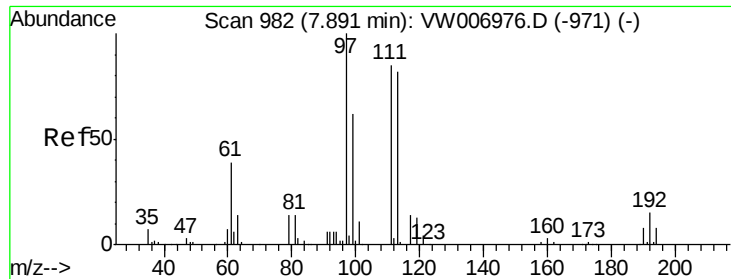
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion: 114 Resp: 168246
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 15.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.98 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

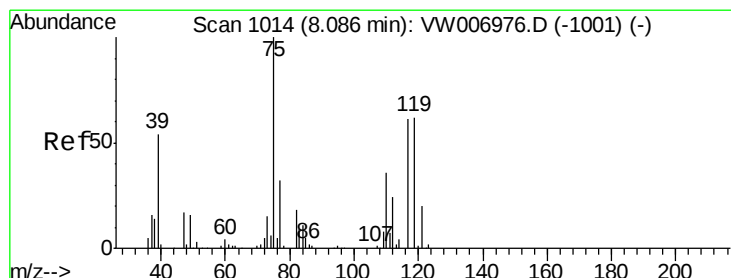
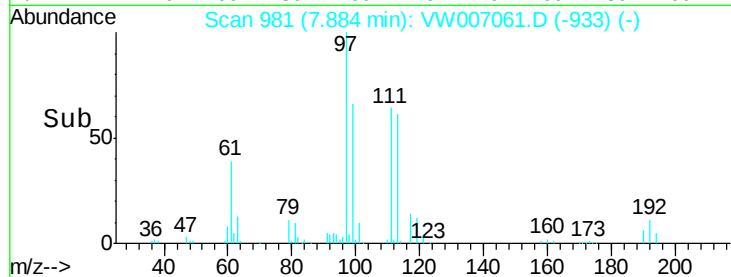
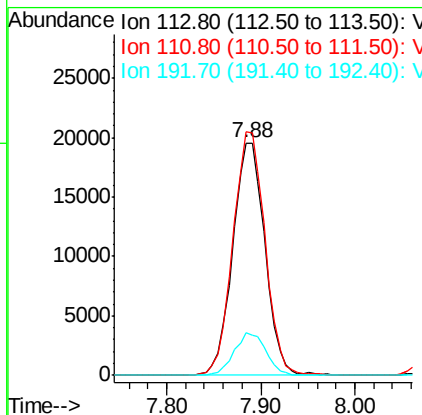
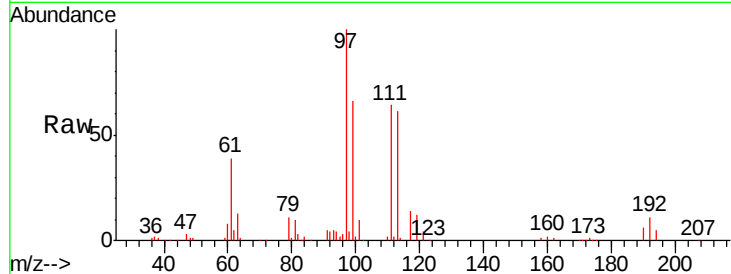
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	46535		
111	104.6	81.0	121.6	
192	18.2	15.0	22.6	

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#36

1,1-Dichloropropene

Concen: 49.02 ug/l

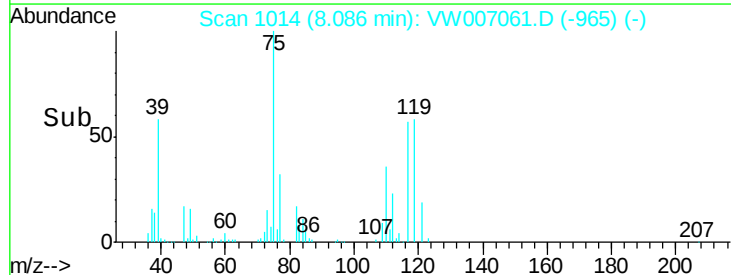
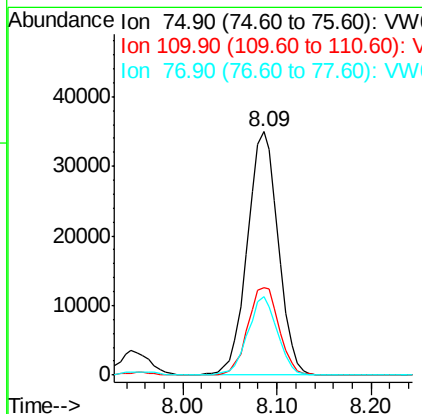
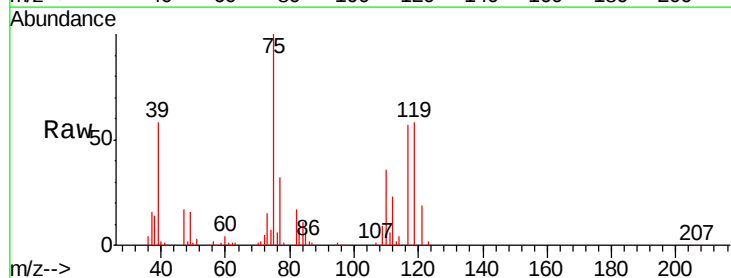
RT: 8.09 min Scan# 1014

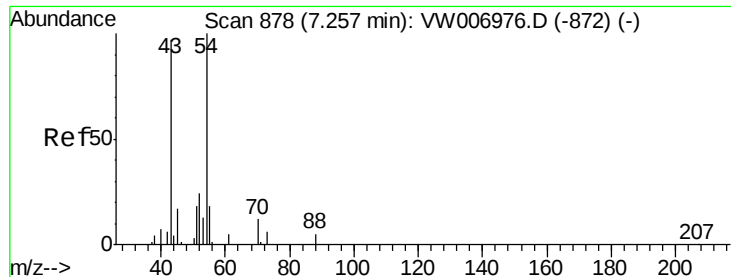
Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80596		
110	36.5	18.0	54.0	
77	31.0	24.9	37.3	





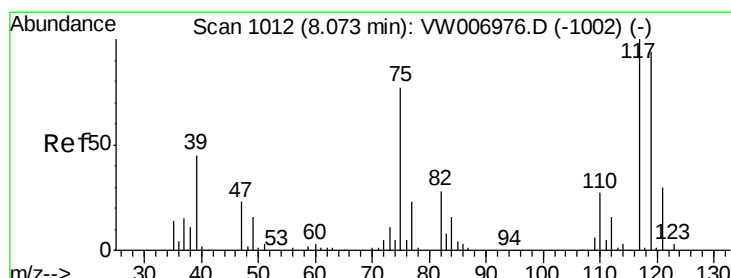
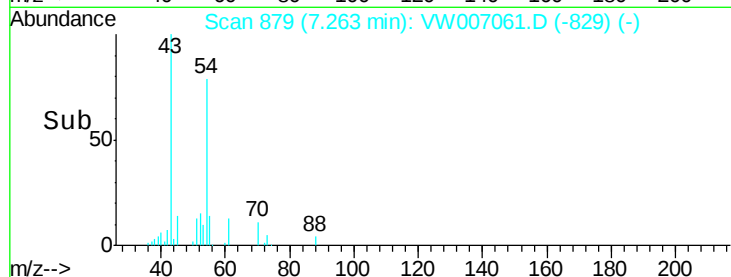
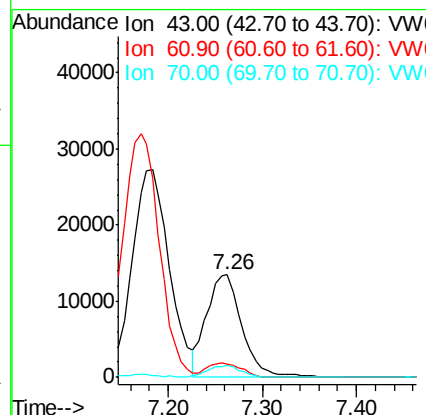
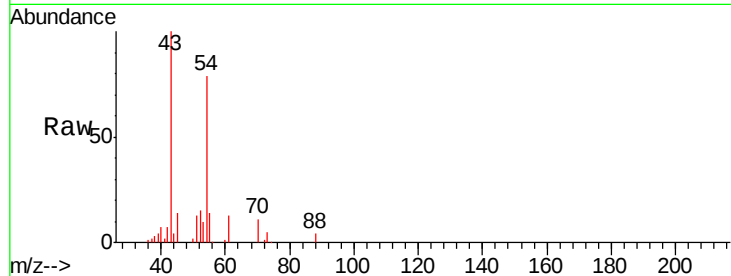
#37
Ethyl Acetate
Concen: 59.06 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	11.3	8.8	13.2

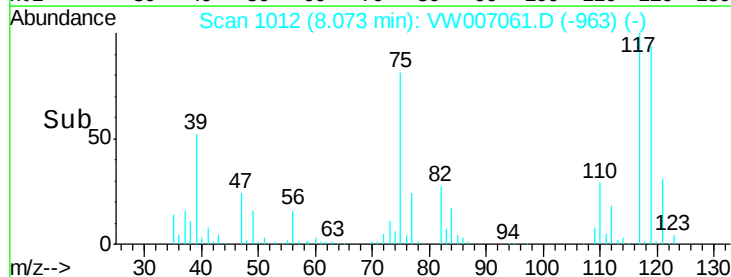
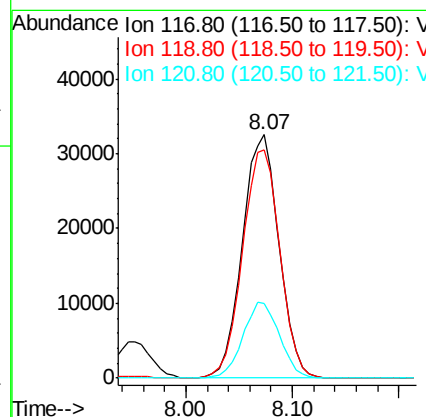
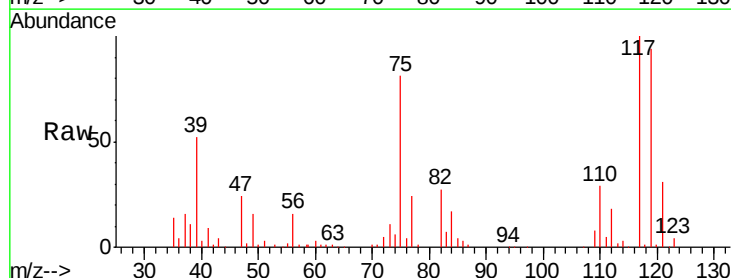
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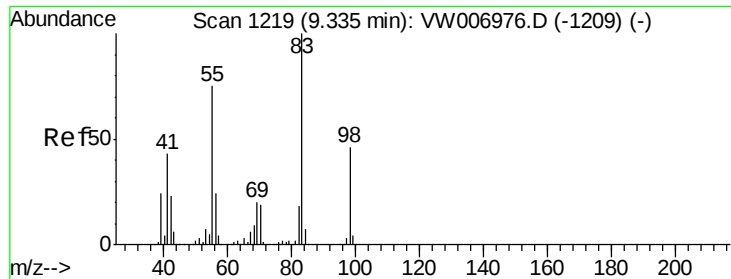
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#38
Carbon Tetrachloride
Concen: 49.87 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.9	112.3
121	30.8	23.6	35.4





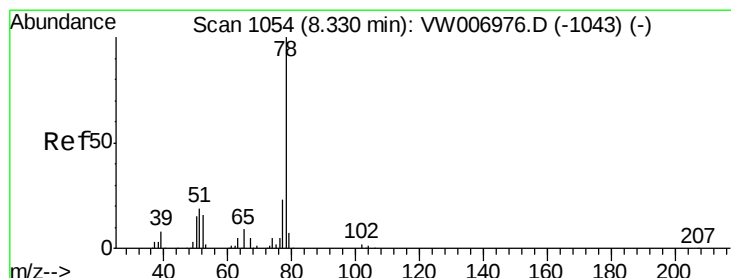
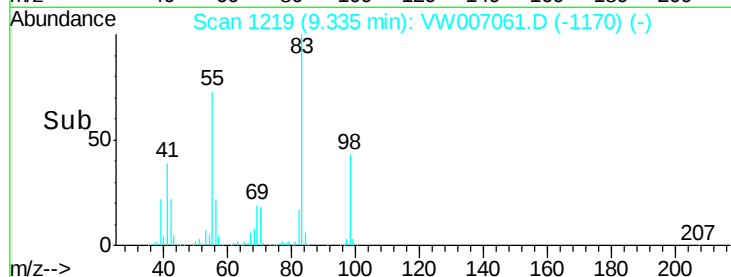
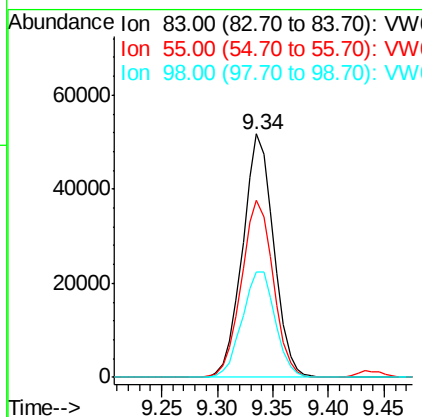
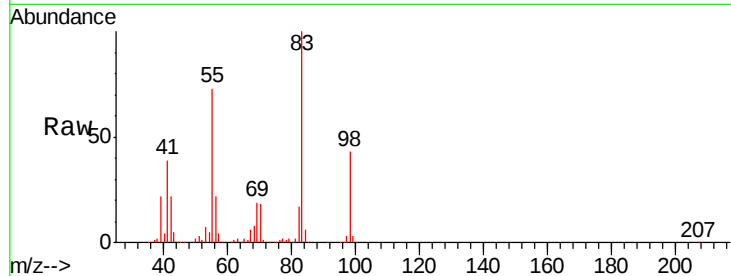
#39
Methylcyclohexane
Concen: 48.80 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.6	89.4
98	43.1	37.1	55.7

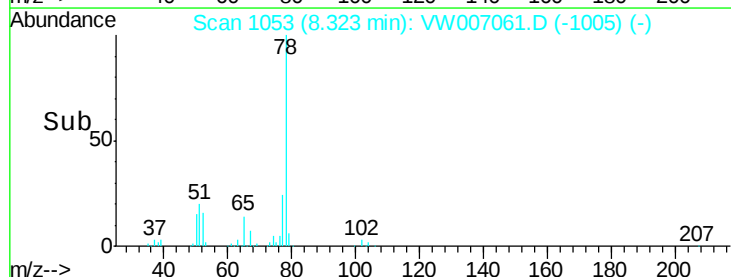
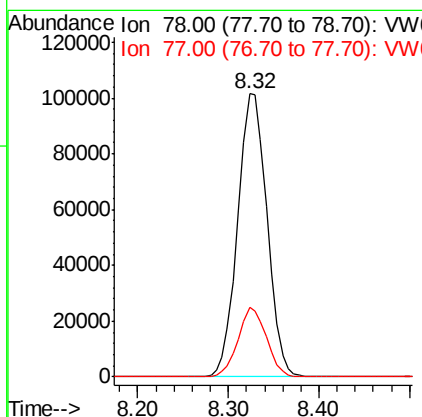
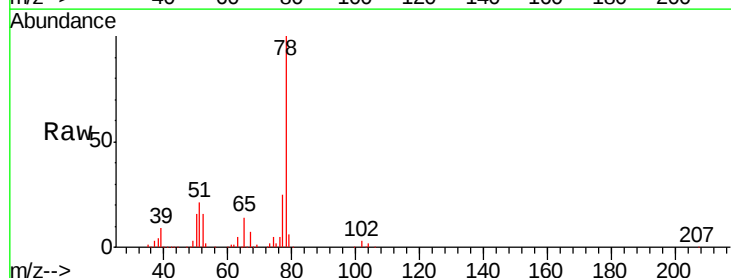
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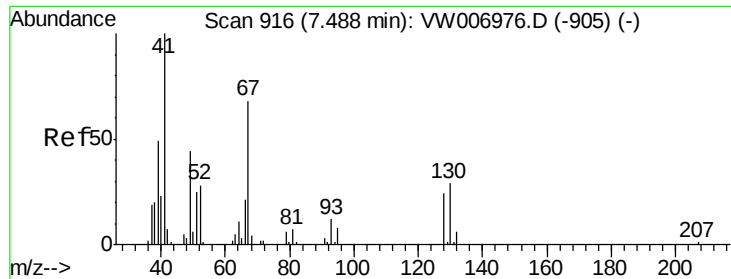
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#40
Benzene
Concen: 51.45 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.6	28.0





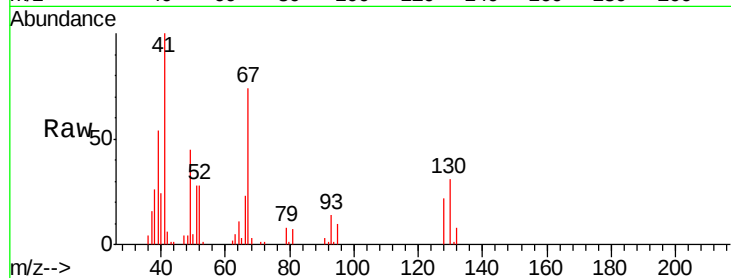
#41
Methacrylonitrile
Concen: 55.67 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

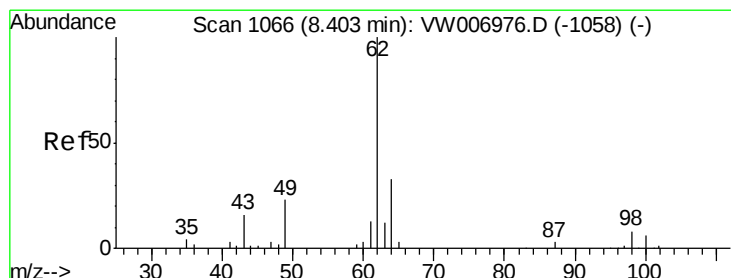
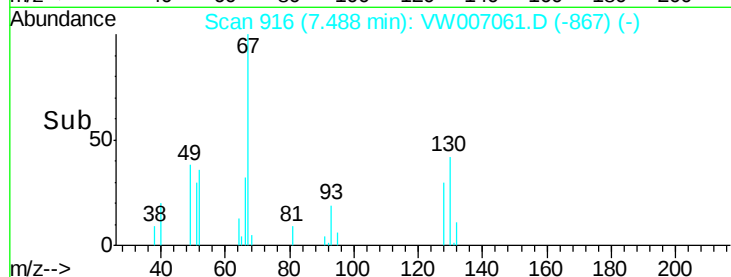
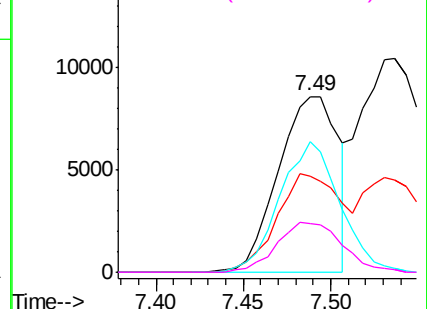
Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.8	48.6	73.0
67	74.4	59.8	89.8
52	30.9	24.8	37.2

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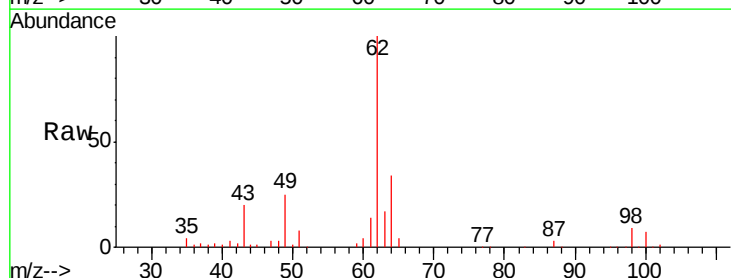


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

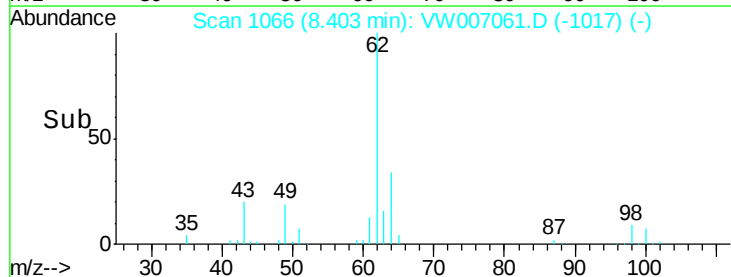
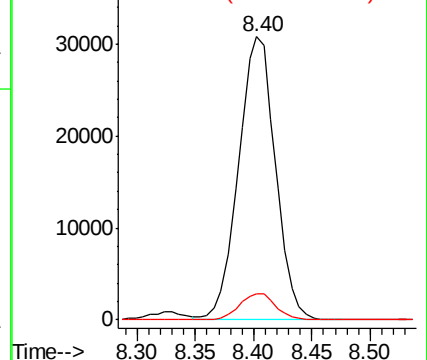


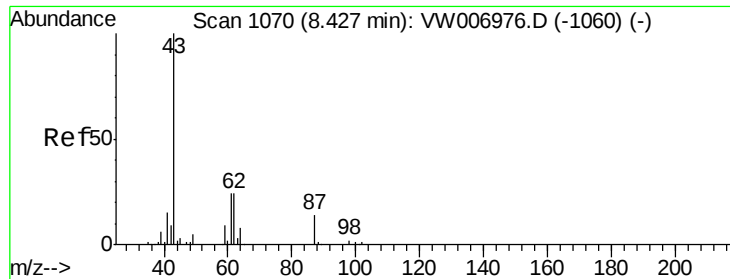
#42
1,2-Dichloroethane
Concen: 52.78 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 61.58 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

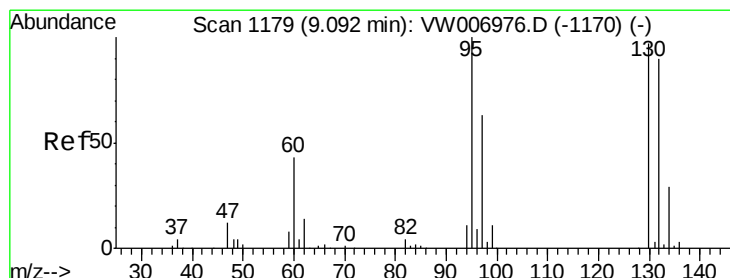
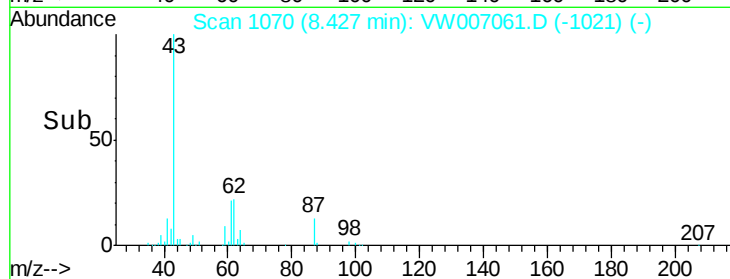
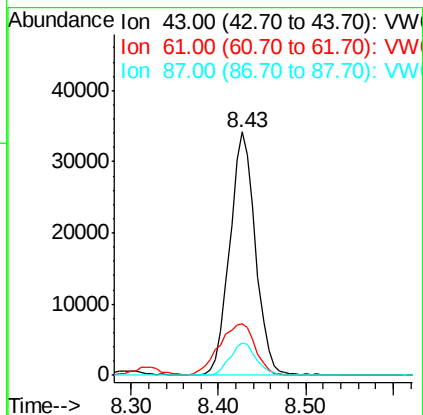
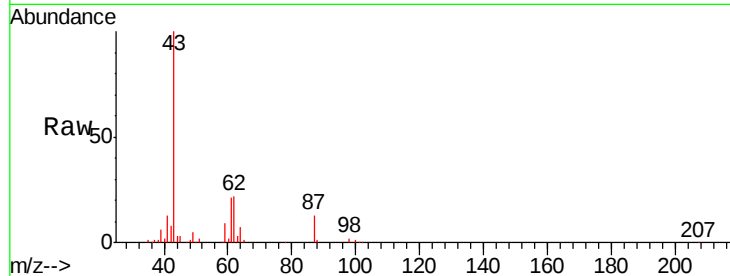
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	69912
Ion	Ratio	Lower	Upper
43	100		
61	29.9	26.1	39.1
87	13.8	11.2	16.8

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#44

Trichloroethene

Concen: 51.51 ug/l

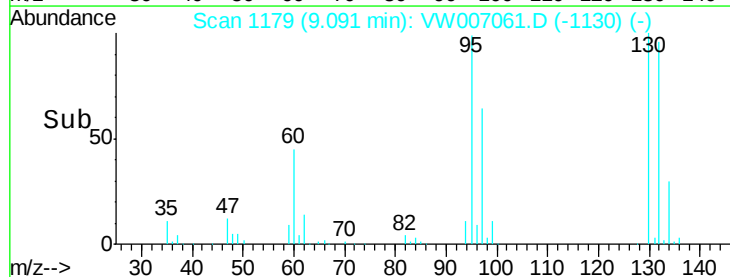
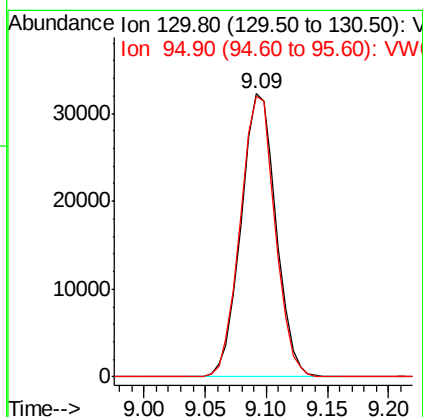
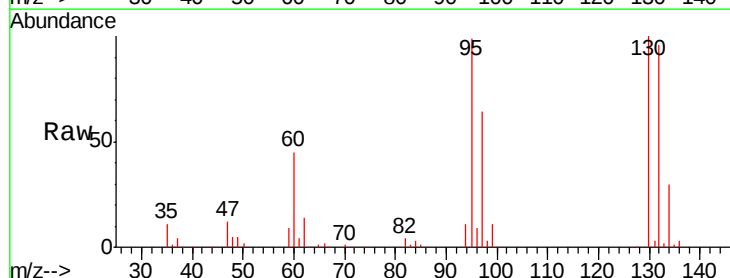
RT: 9.09 min Scan# 1179

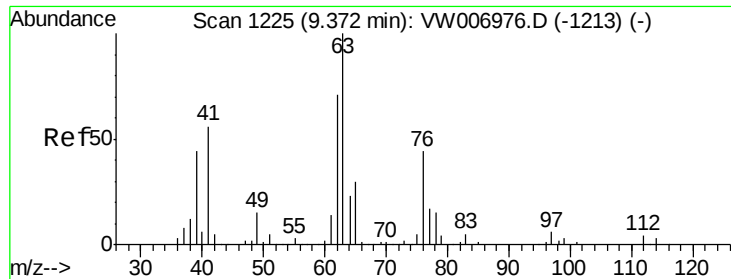
Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	130	Resp:	64089
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	206.4





#45

1,2-Dichloropropane

Concen: 51.58 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 56434

Ion Ratio Lower Upper

63 100

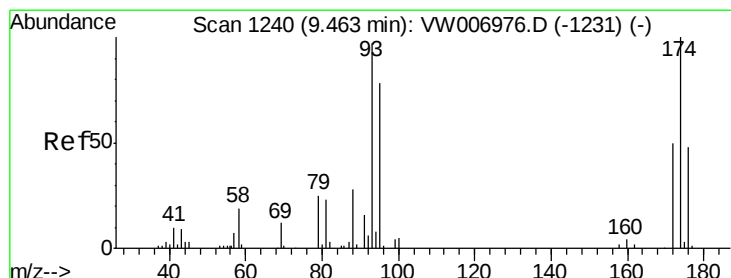
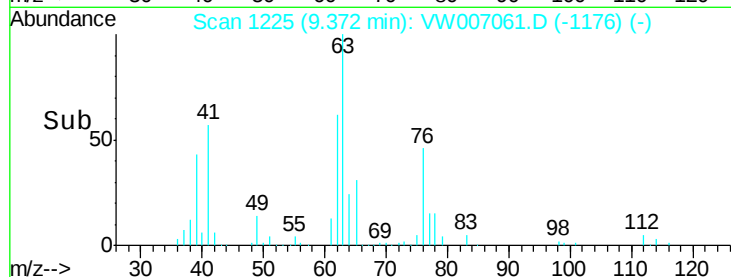
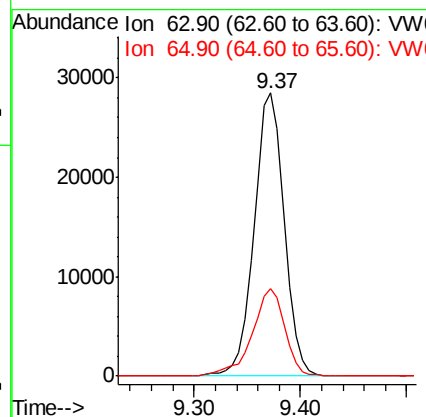
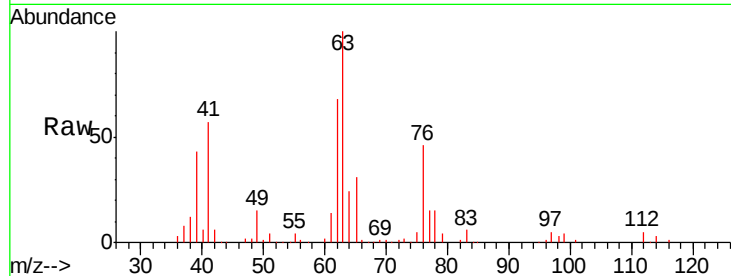
65 31.1 24.4 36.6

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#46

Dibromomethane

Concen: 54.51 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

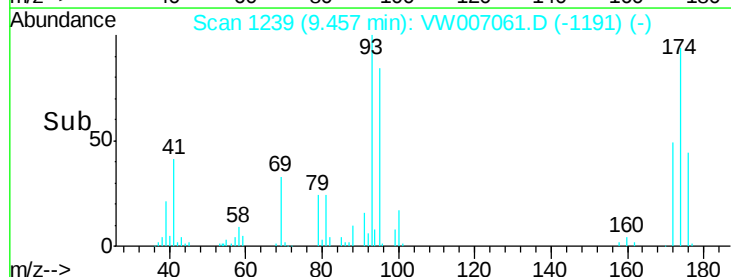
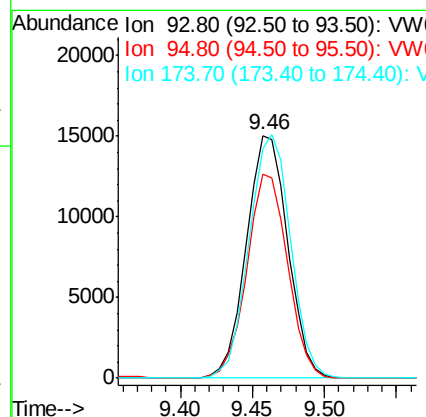
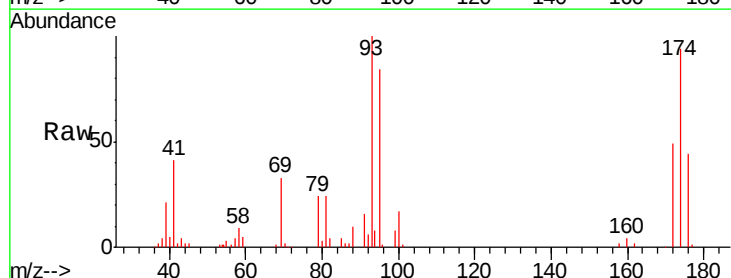
Tgt Ion: 93 Resp: 29863

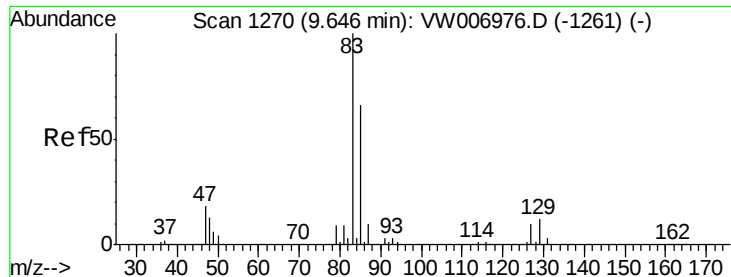
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 100.6 79.7 119.5





#47

Bromodichloromethane

Concen: 53.03 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

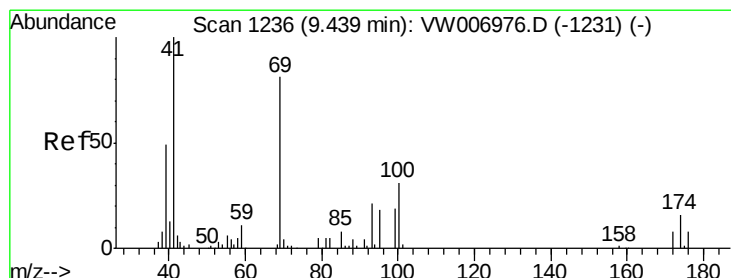
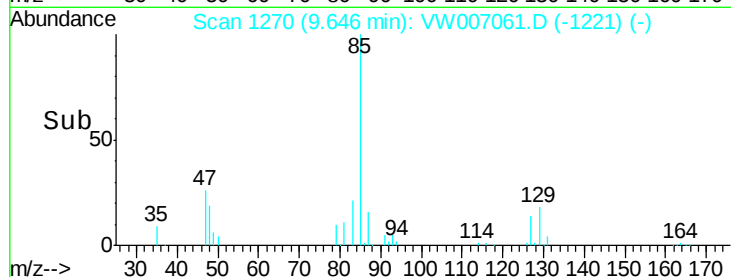
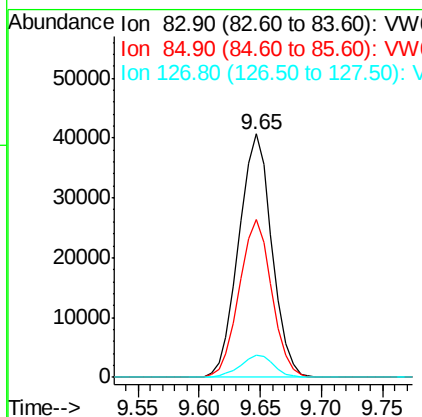
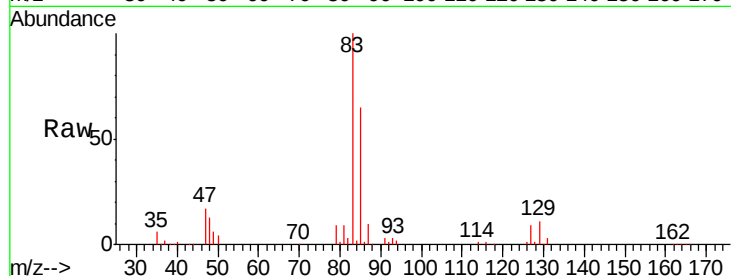
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	76539
Ion Ratio	Lower	Upper	
83	100		
85	64.7	52.9	79.3
127	9.1	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 61.27 ug/l

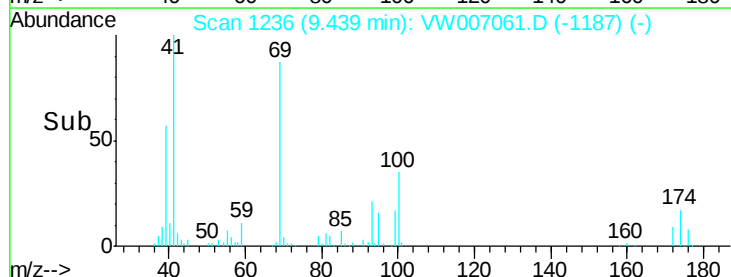
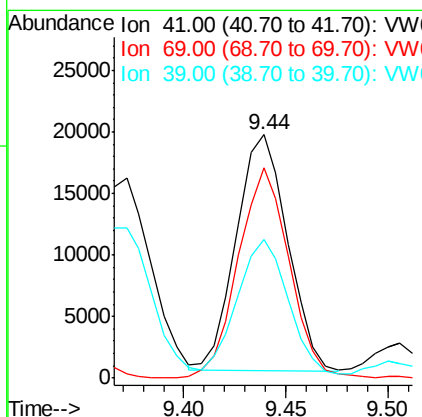
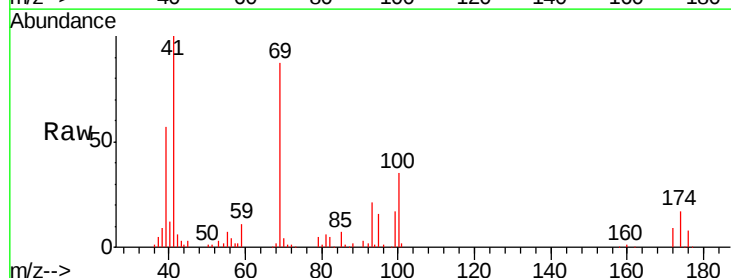
RT: 9.44 min Scan# 1236

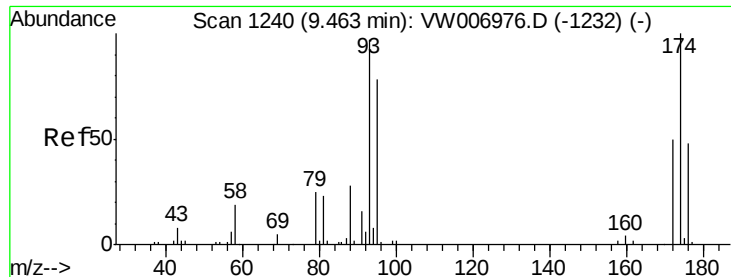
Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	41	Resp:	33540
Ion Ratio	Lower	Upper	
41	100		
69	89.1	71.4	107.0
39	60.0	44.8	67.2





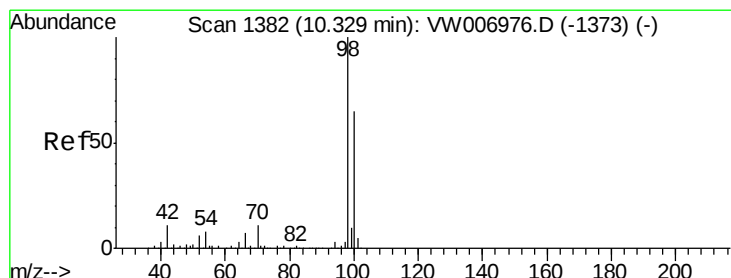
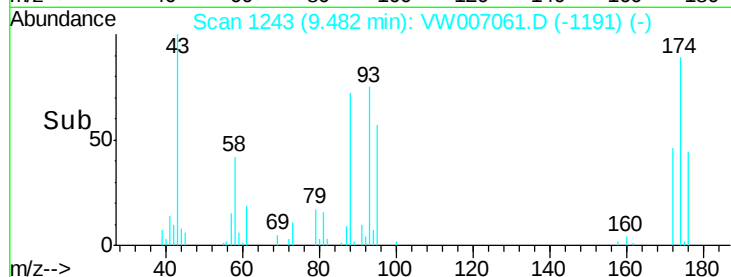
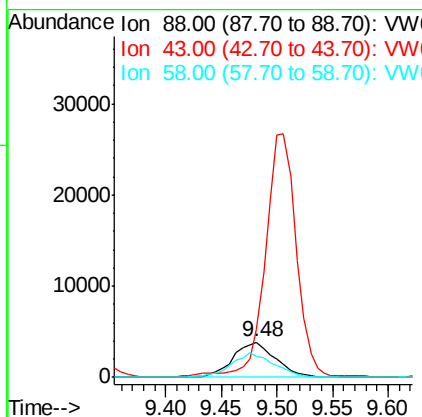
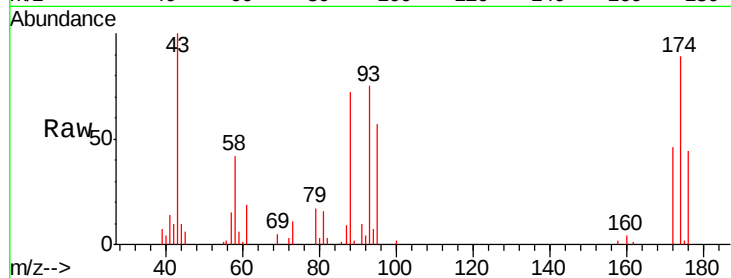
#49
1,4-Dioxane
Concen: 1250.66 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.8	59.0	88.6

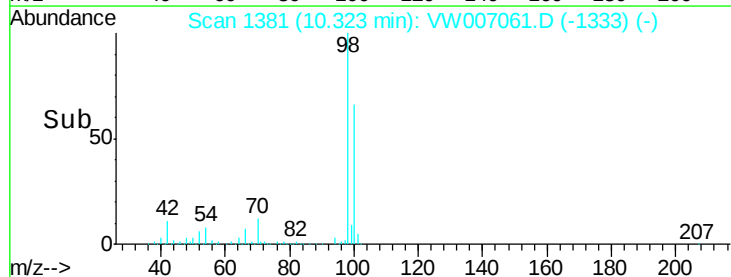
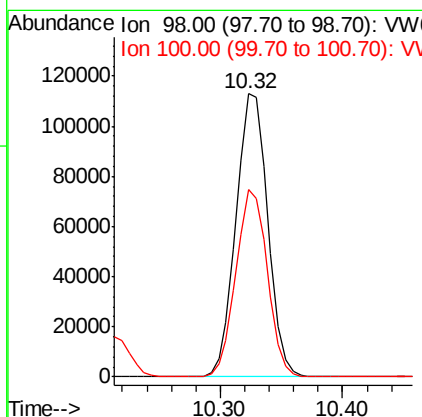
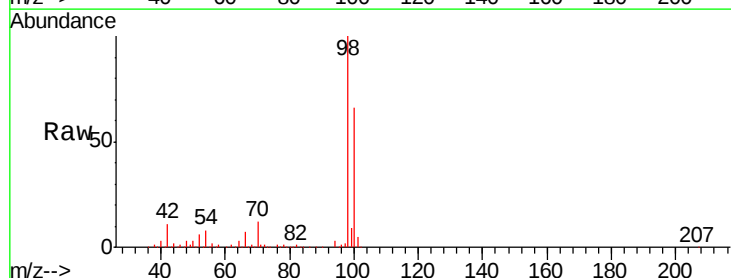
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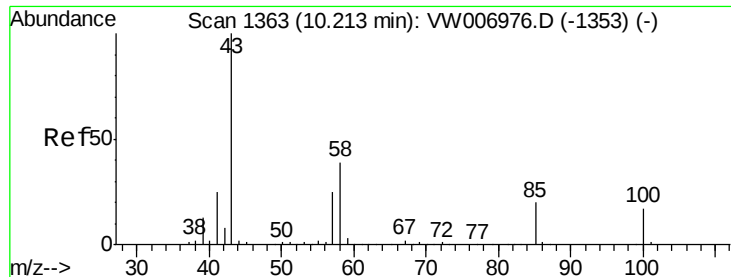
apatel
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#50
Toluene-d8
Concen: 48.58 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 295.07 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 169302

Ion Ratio Lower Upper

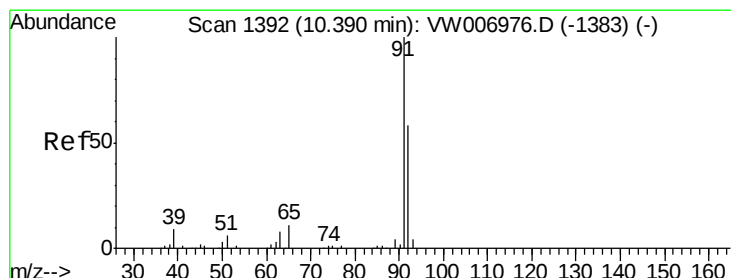
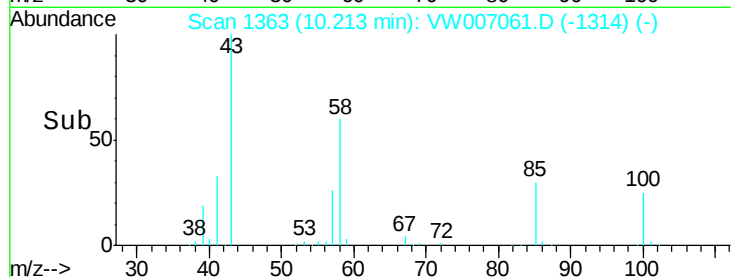
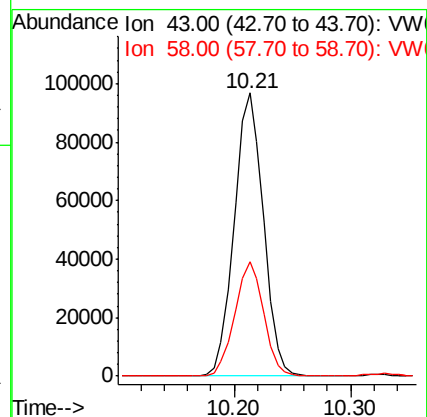
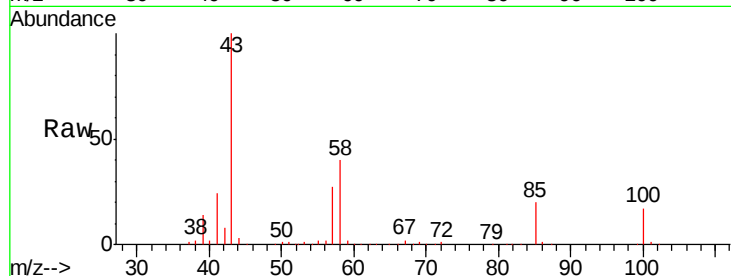
43 100

58 39.8 31.8 47.6

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#52

Toluene

Concen: 52.23 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007061.D

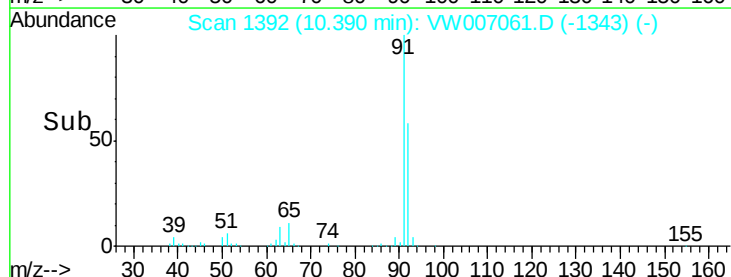
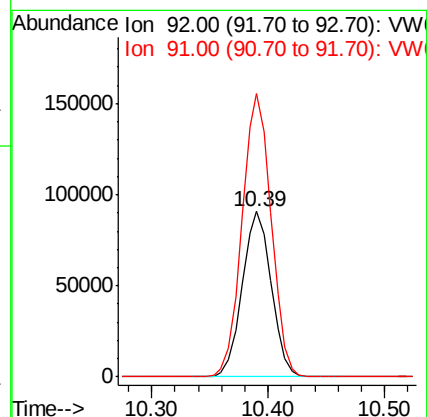
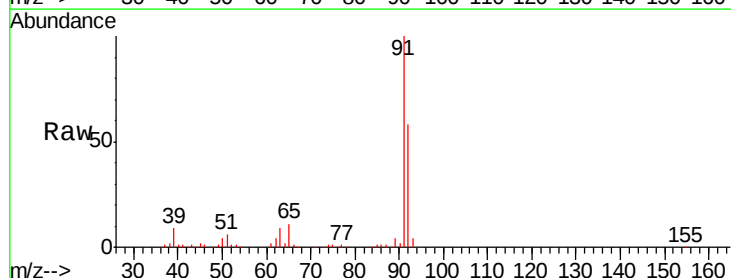
Acq: 26 Nov 2018 21:30

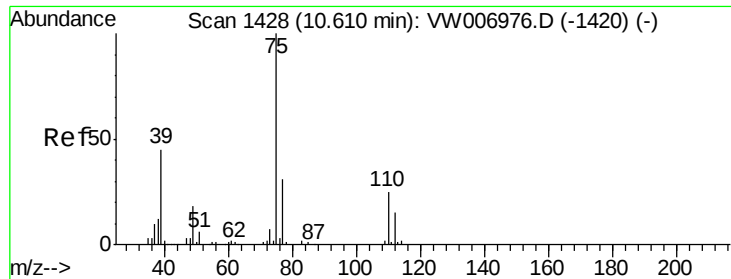
Tgt Ion: 92 Resp: 157760

Ion Ratio Lower Upper

92 100

91 171.7 137.3 205.9





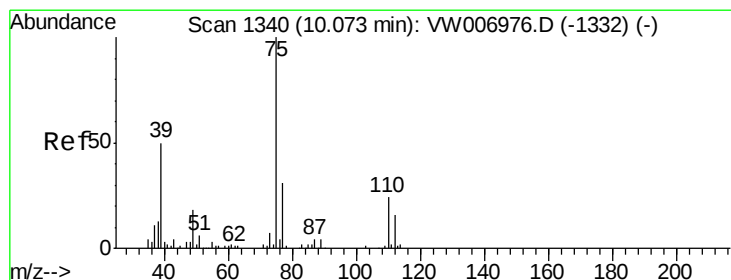
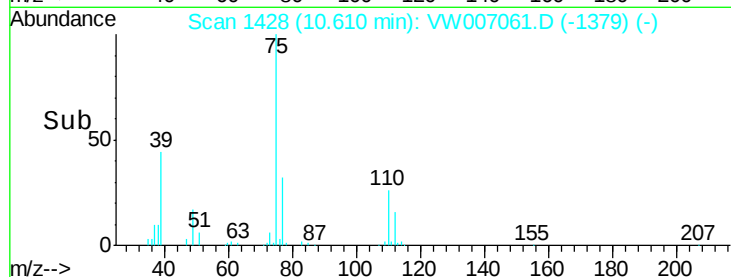
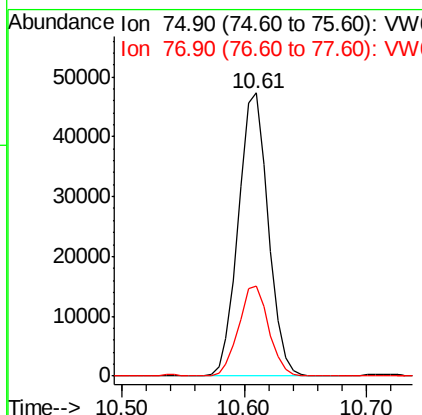
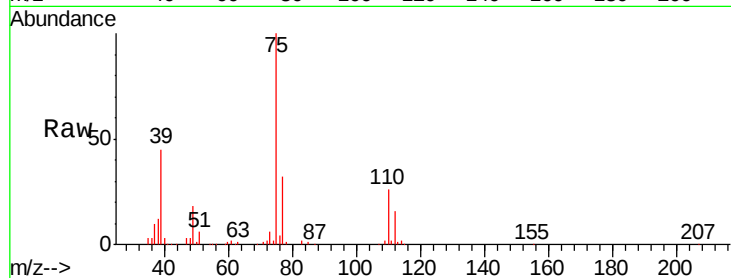
#53
 t-1,3-Dichloropropene
 Concen: 57.31 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 80142
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.7 37.1

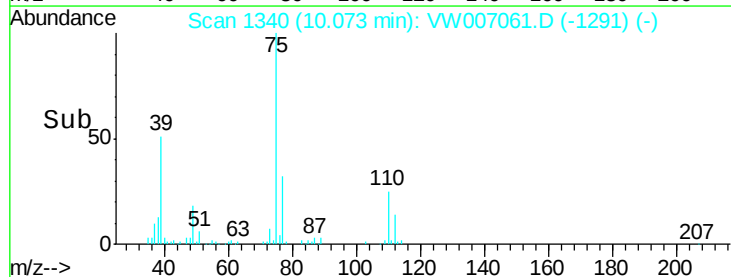
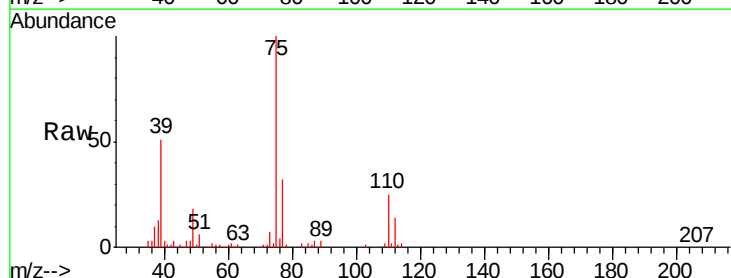
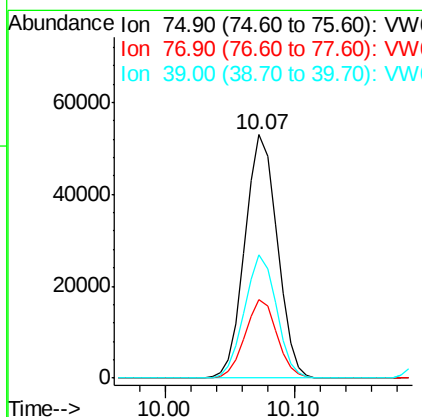
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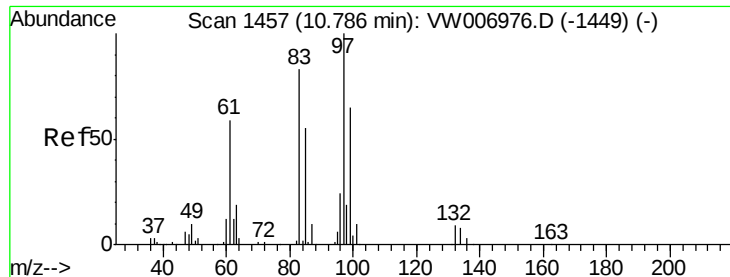
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#54
 cis-1,3-Dichloropropene
 Concen: 54.46 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion: 75 Resp: 92007
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.6
 39 50.7 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 55.38 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

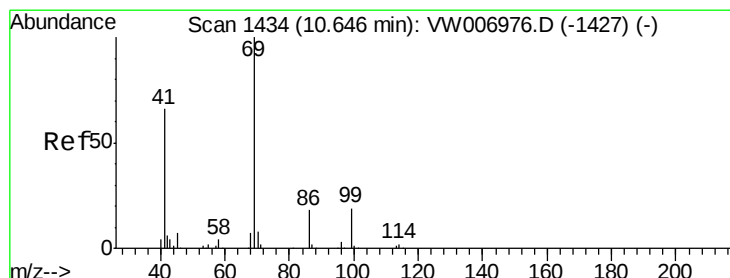
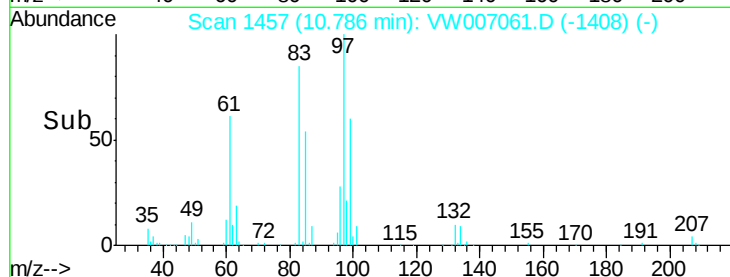
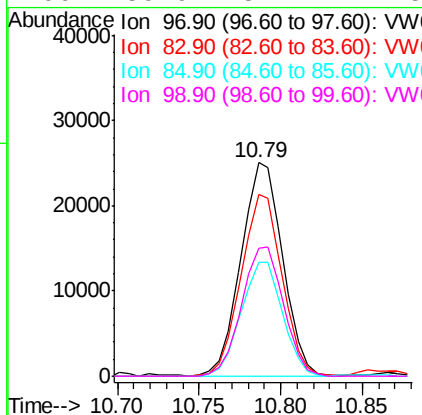
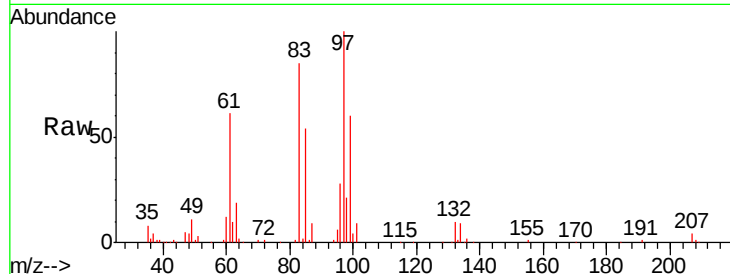
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	44636
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.4	99.6
85	53.5	44.1	66.1
99	59.9	51.7	77.5

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#56

Ethyl methacrylate

Concen: 62.22 ug/l

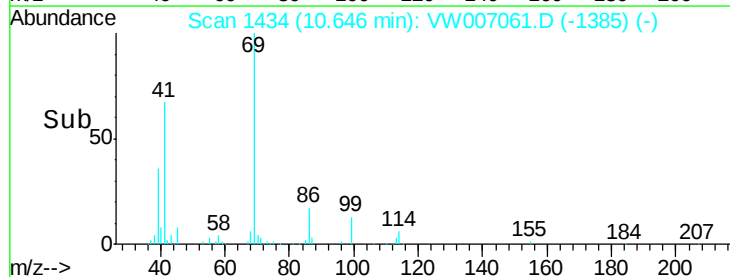
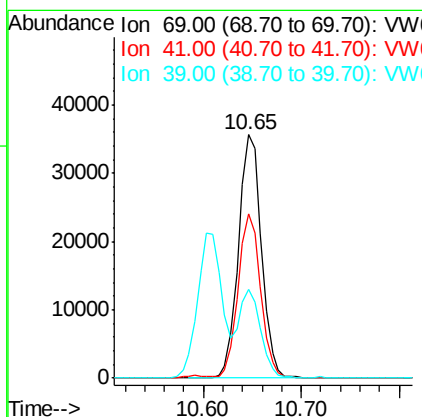
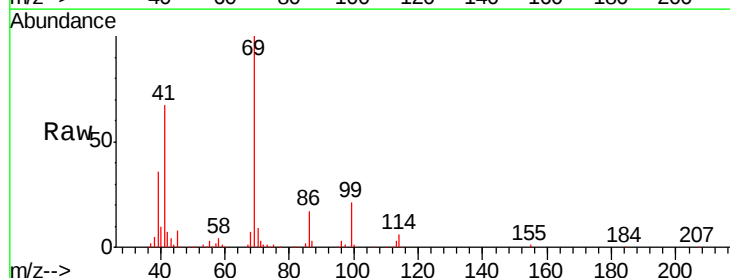
RT: 10.65 min Scan# 1434

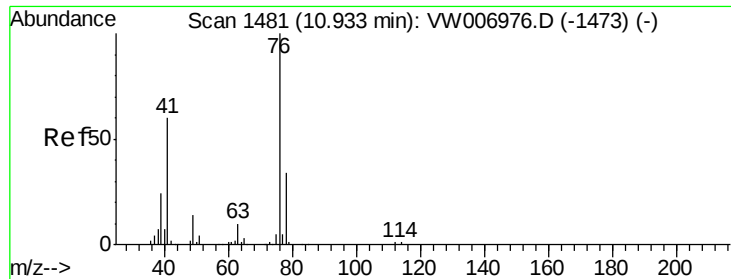
Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	69	Resp:	58216
Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.4	80.0
39	34.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 55.39 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 74824

Ion Ratio Lower Upper

76 100

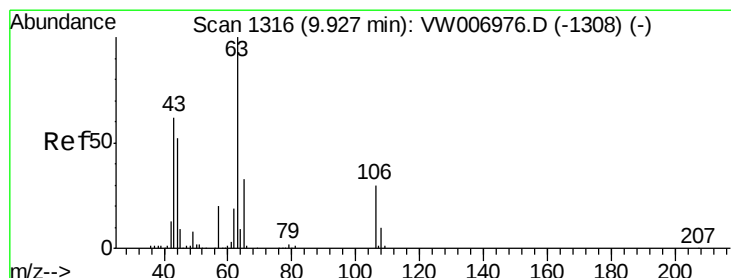
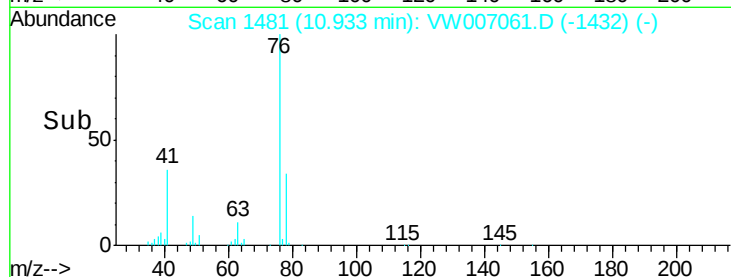
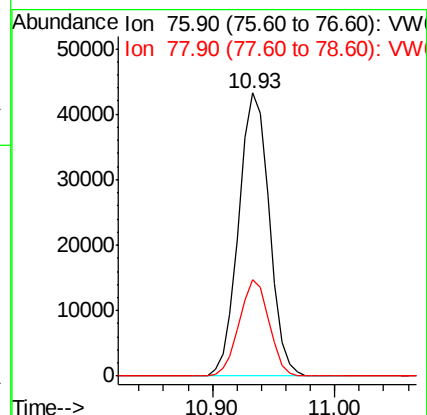
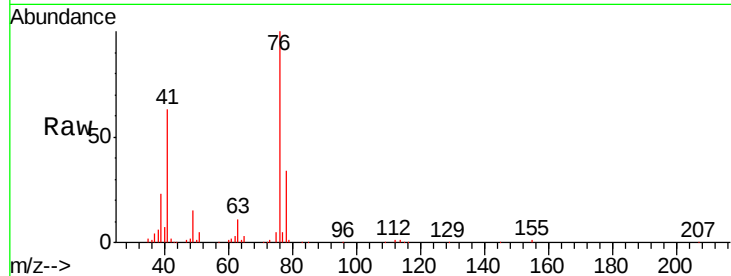
78 33.3 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 276.97 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007061.D

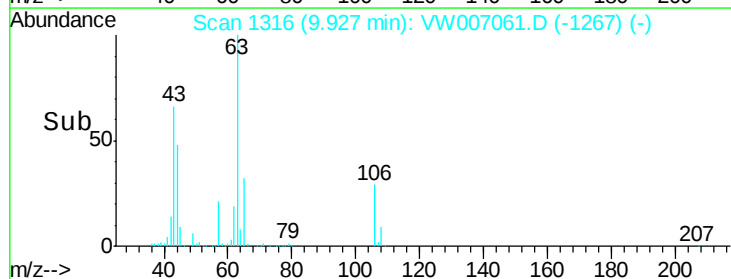
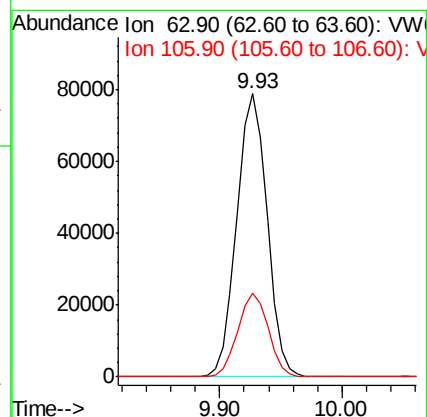
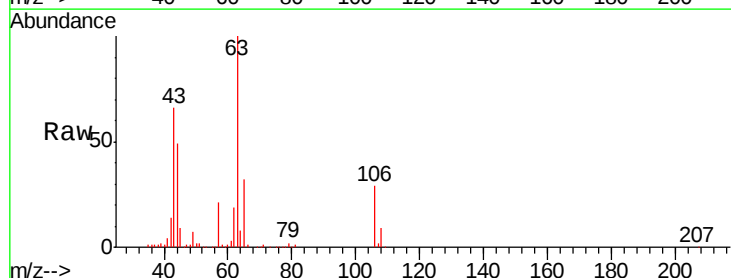
Acq: 26 Nov 2018 21:30

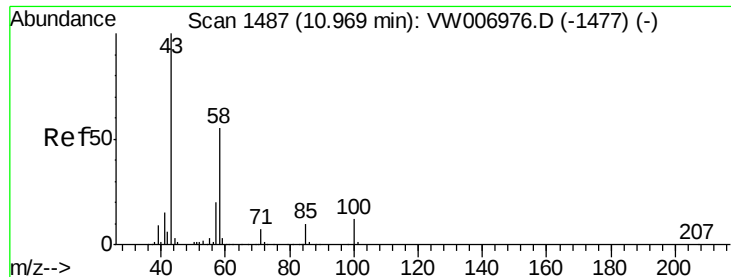
Tgt Ion: 63 Resp: 135416

Ion Ratio Lower Upper

63 100

106 29.6 23.5 35.3





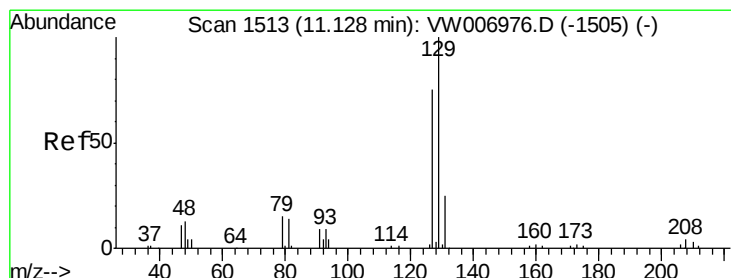
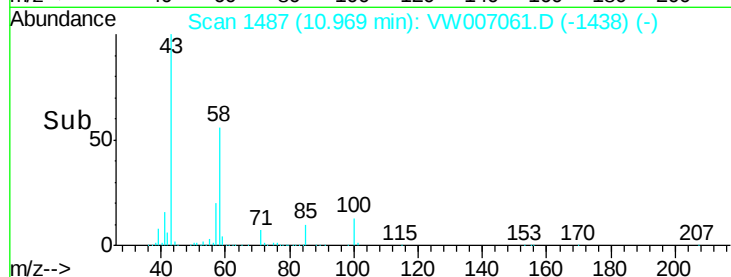
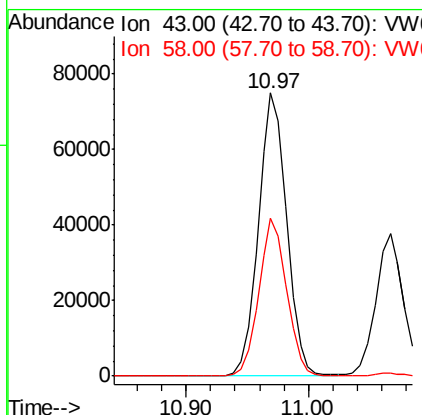
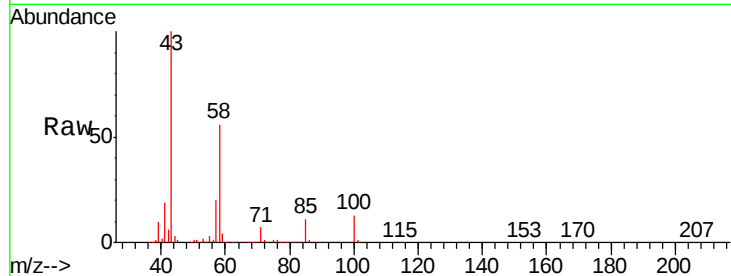
#59
2-Hexanone
Concen: 307.75 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 120917
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8

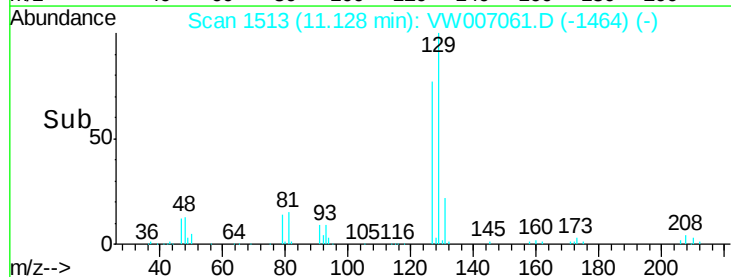
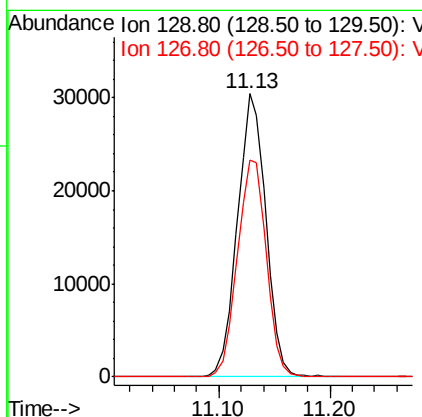
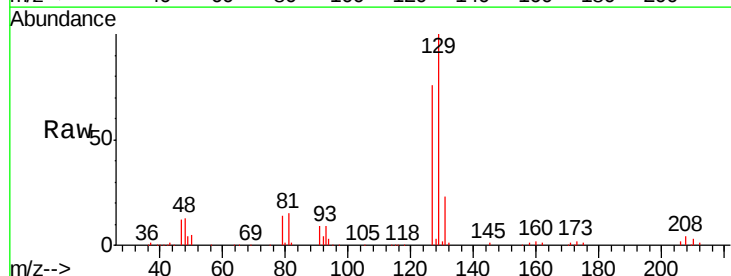
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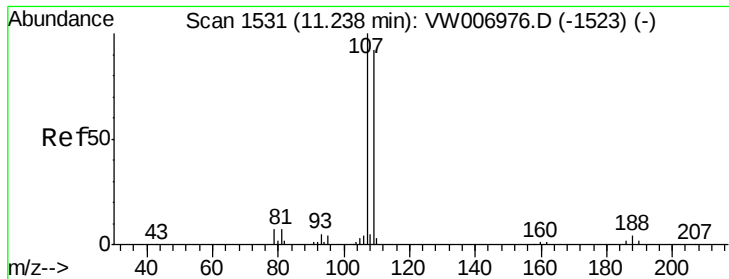
apatel
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#60
Dibromochloromethane
Concen: 58.45 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion: 129 Resp: 53685
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8





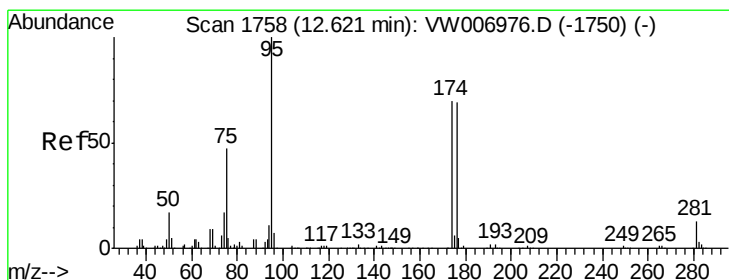
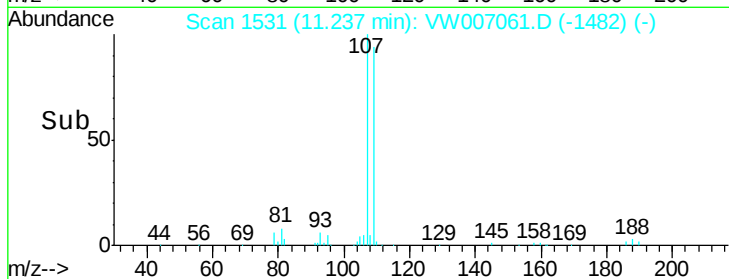
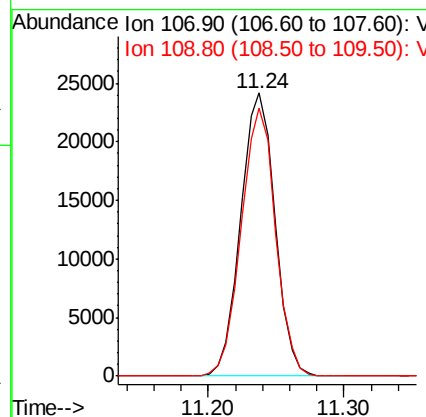
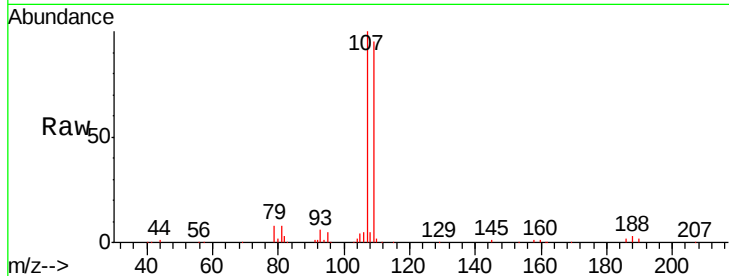
#61
 1,2-Dibromoethane
 Concen: 57.75 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 42585
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.1 112.7

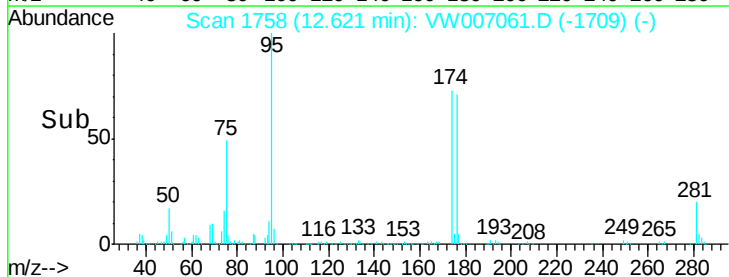
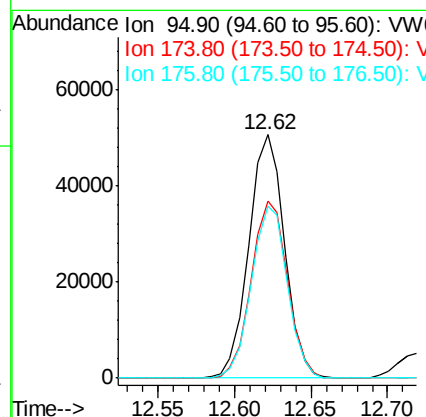
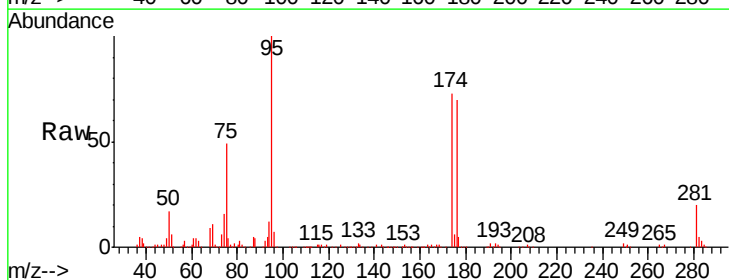
Manual Integrations
 APPROVED

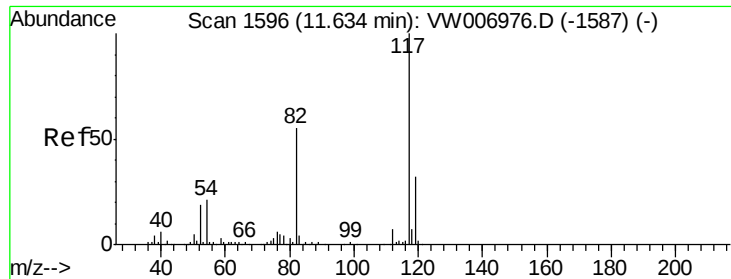
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#62
 4-Bromofluorobenzene
 Concen: 49.89 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion: 95 Resp: 82365
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 143.6
 176 71.1 0.0 140.4





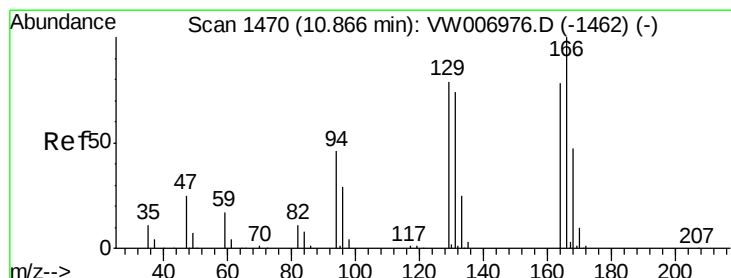
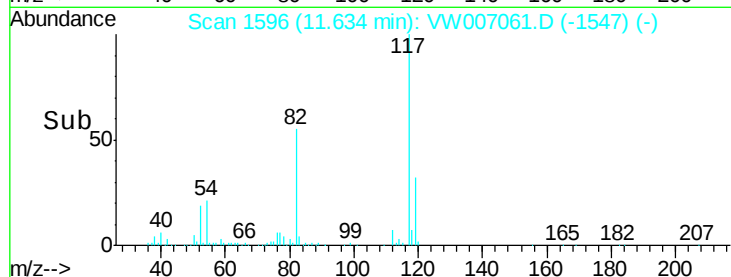
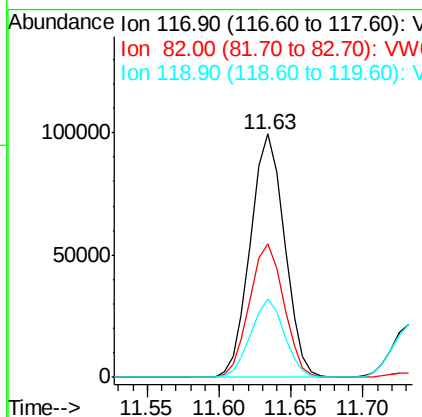
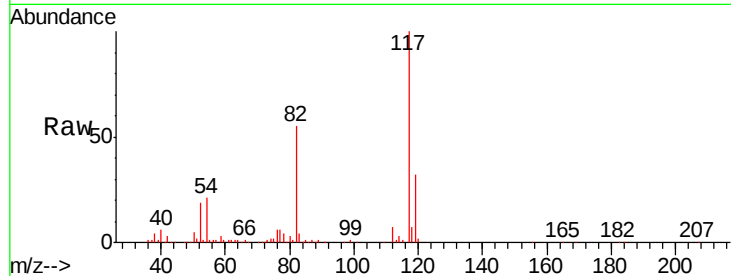
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	164010		
82	54.6	44.2	66.2	
119	32.1	25.9	38.9	

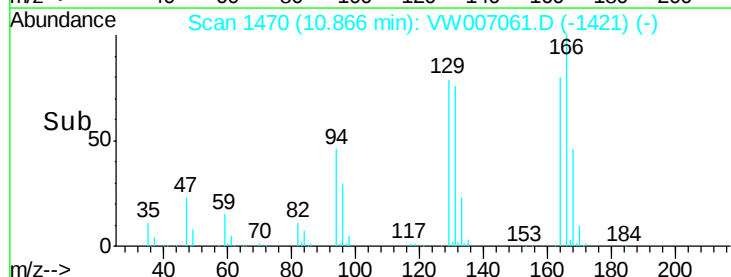
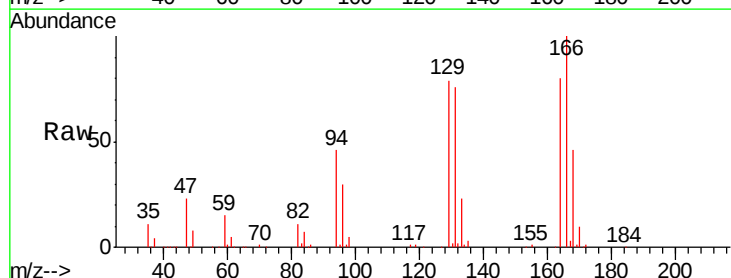
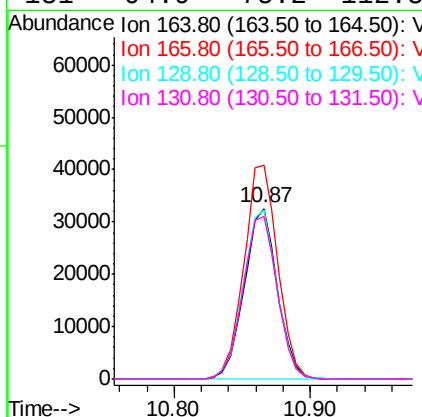
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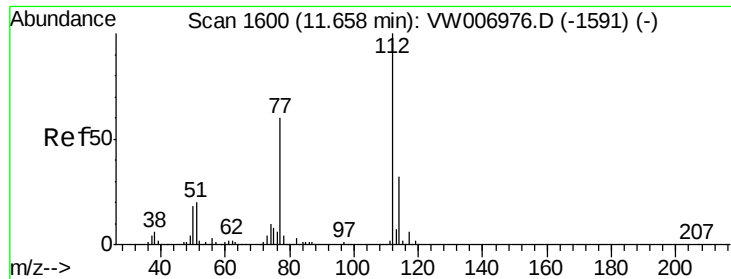
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#64
Tetrachloroethene
Concen: 52.43 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55324		
166	125.2	102.1	153.1	
129	98.8	80.4	120.6	
131	94.9	75.2	112.8	





#65

Chlorobenzene

Concen: 52.08 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 178267

Ion Ratio Lower Upper

112 100

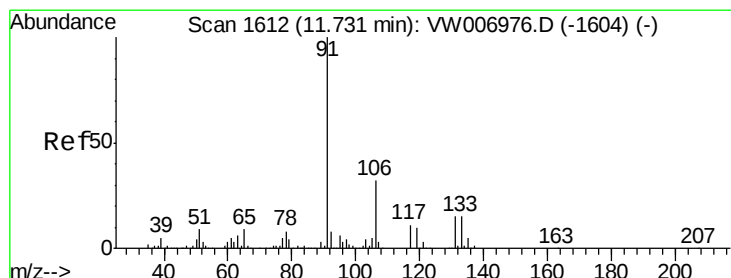
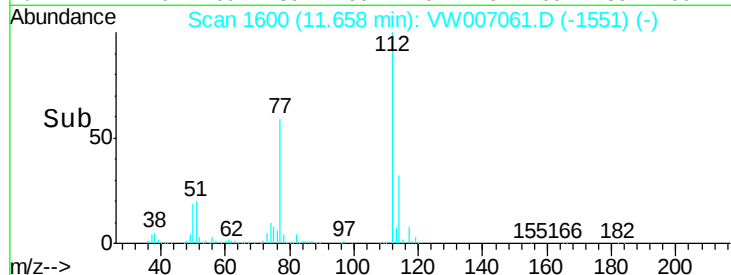
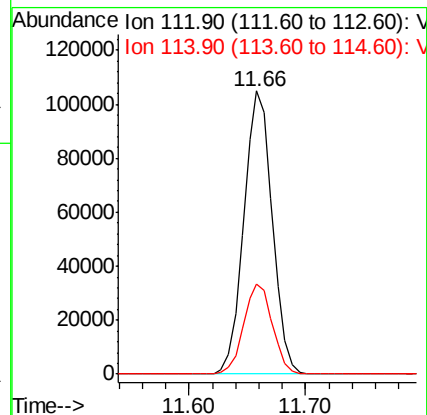
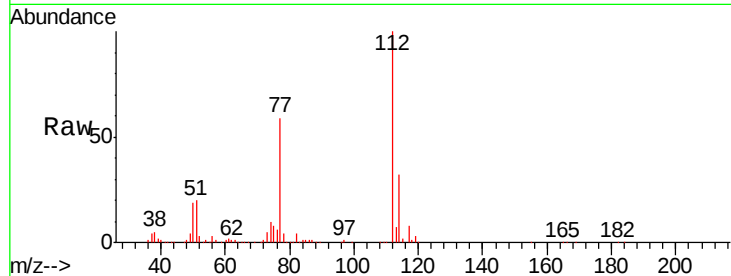
114 31.7 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.99 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

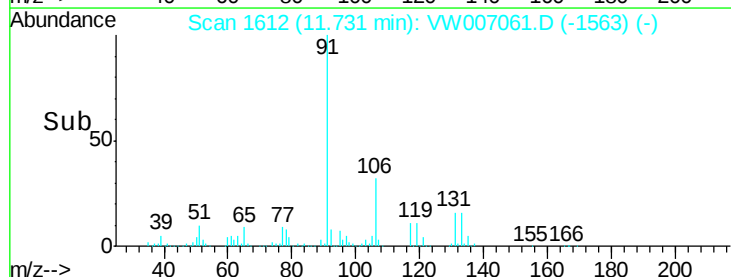
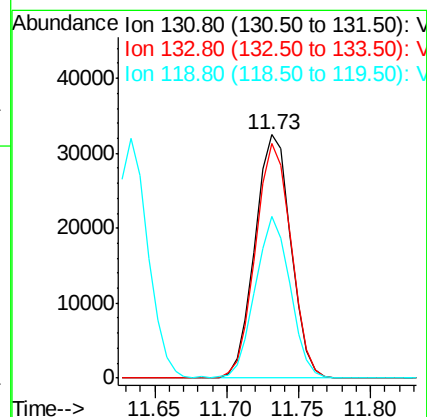
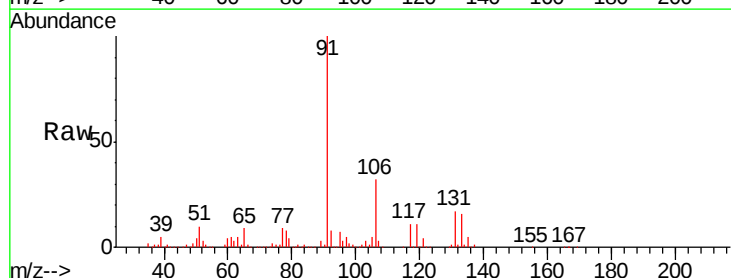
Tgt Ion:131 Resp: 55906

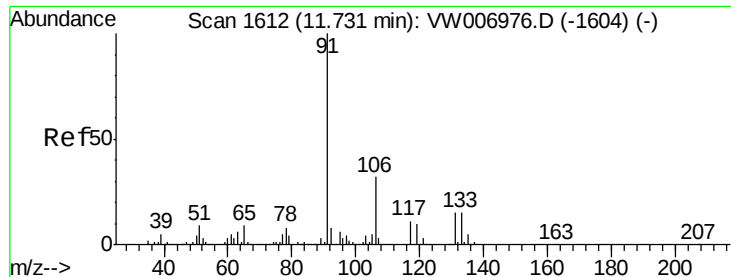
Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

119 64.5 31.8 95.3





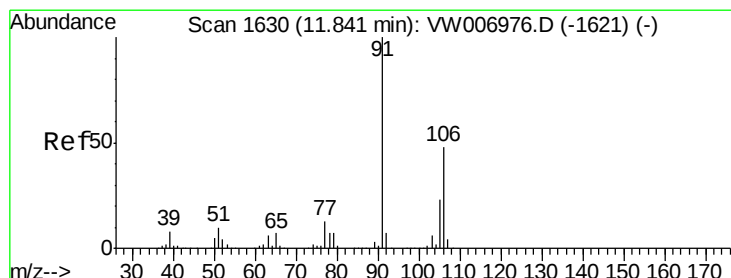
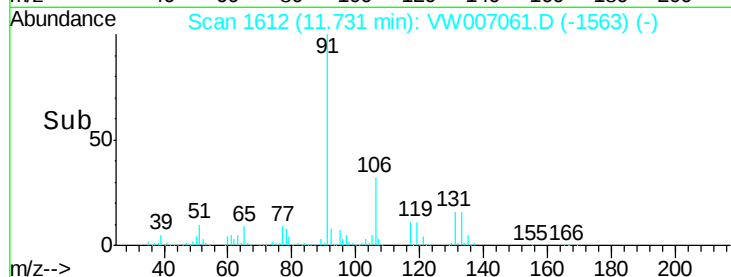
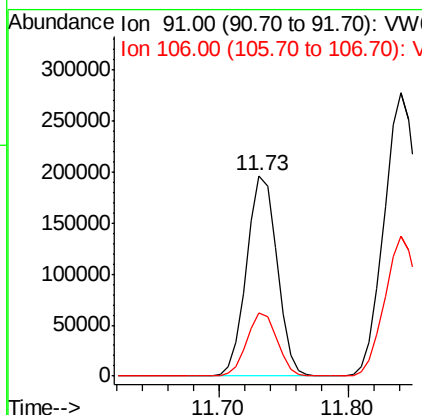
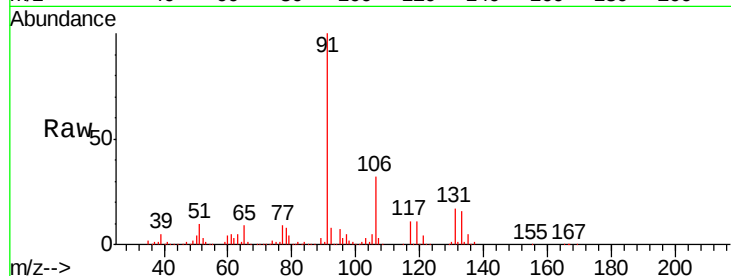
#67
Ethyl Benzene
Concen: 50.80 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 319445
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2

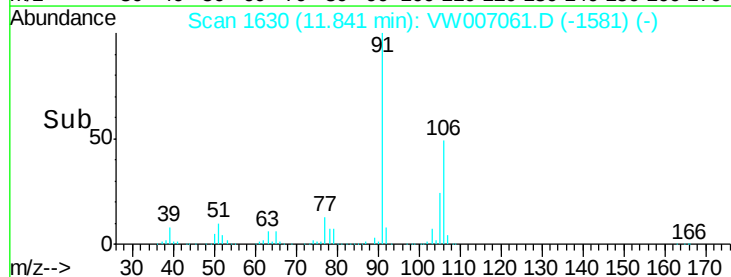
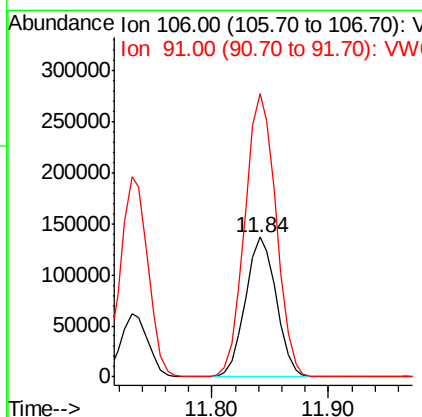
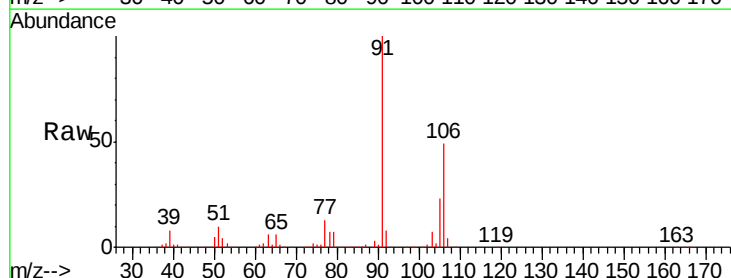
Manual Integrations
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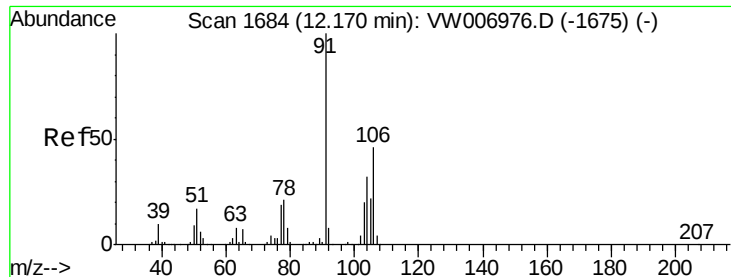
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#68
m/p-Xylenes
Concen: 102.56 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion: 106 Resp: 253034
Ion Ratio Lower Upper
106 100
91 205.2 164.8 247.2





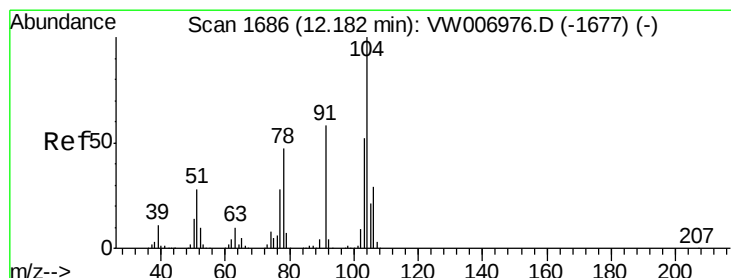
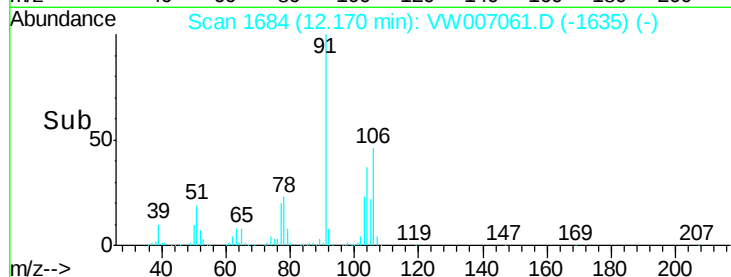
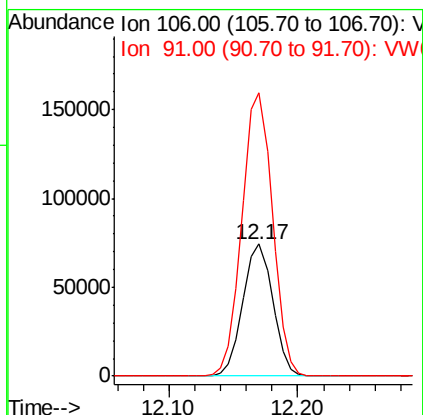
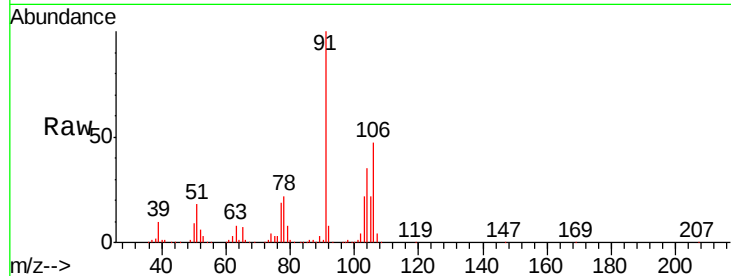
#69
o-Xylene
Concen: 51.63 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 120117
Ion Ratio Lower Upper
106 100
91 217.7 107.9 323.8

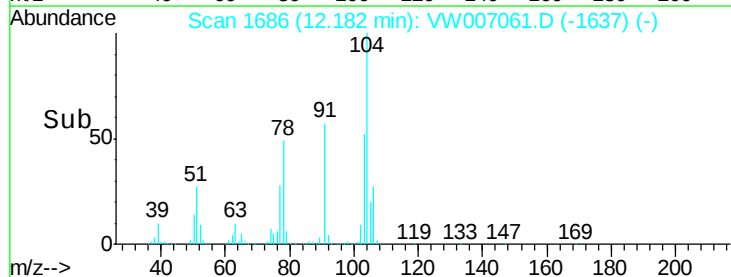
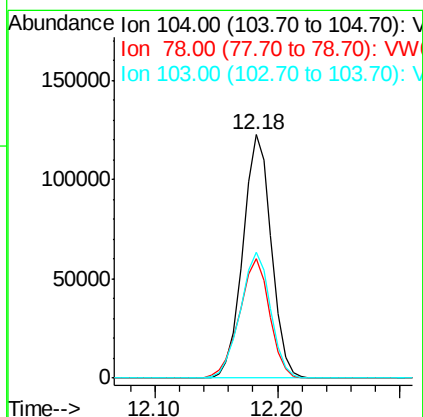
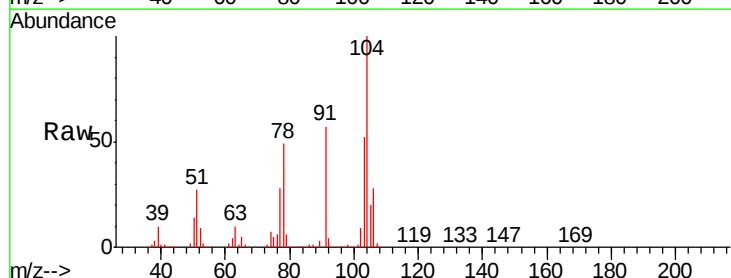
Manual Integrations
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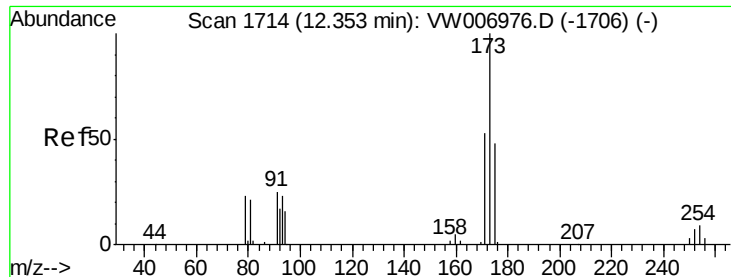
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#70
Styrene
Concen: 53.29 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion:104 Resp: 197316
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 55.2 44.4 66.6





#71

Bromoform

Concen: 60.21 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 29371

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

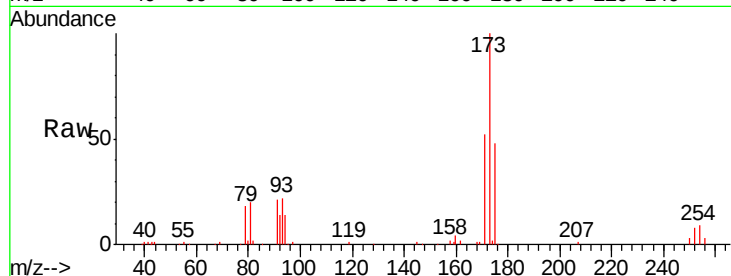
254 0.0 0.0 0.0

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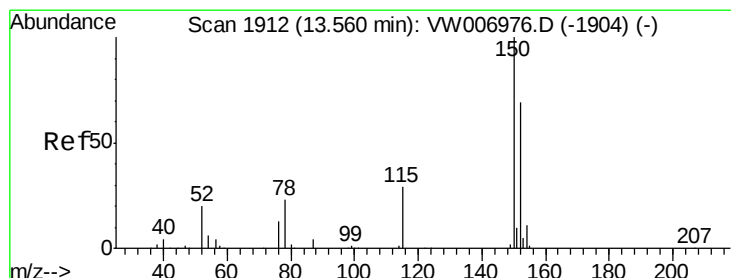
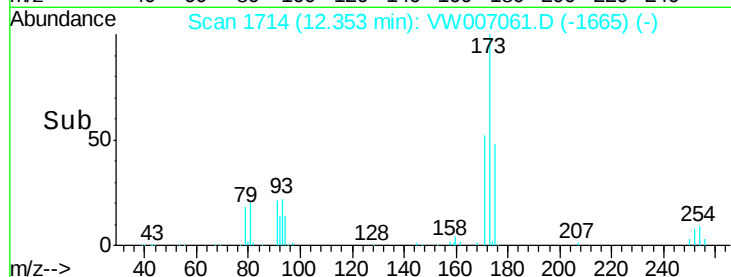
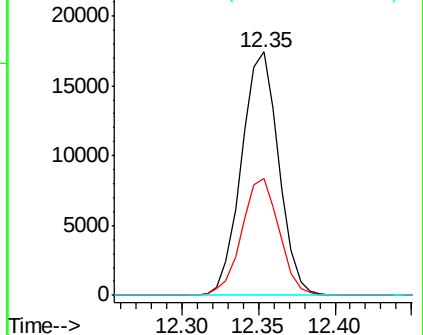
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

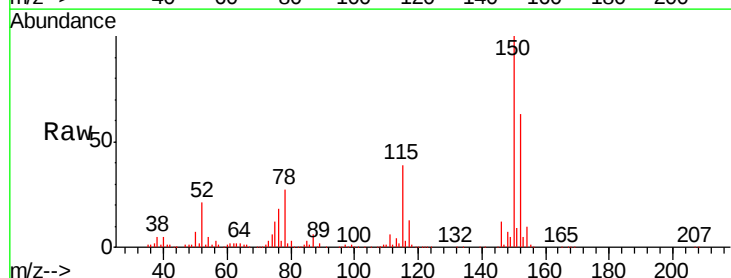
Tgt Ion:152 Resp: 83894

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

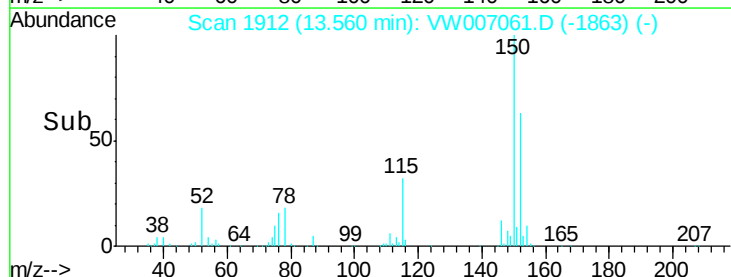
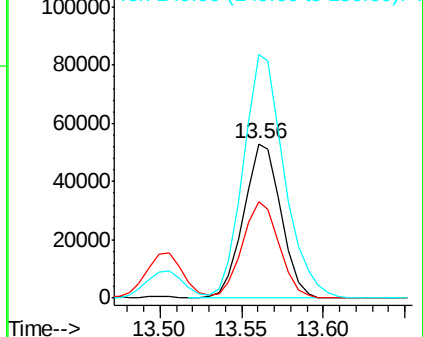
150 173.8 0.0 353.4

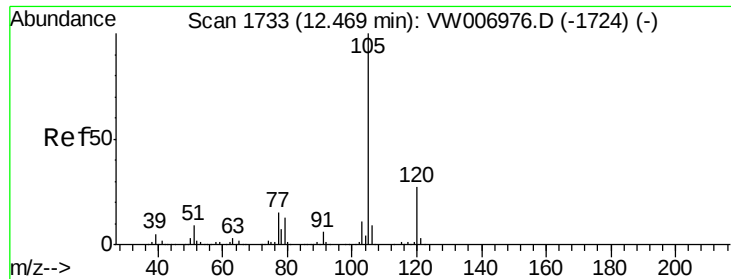


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.29 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 327923

Ion Ratio Lower Upper

105 100

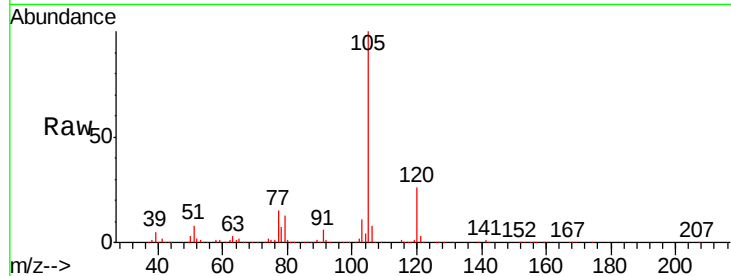
120 26.0 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

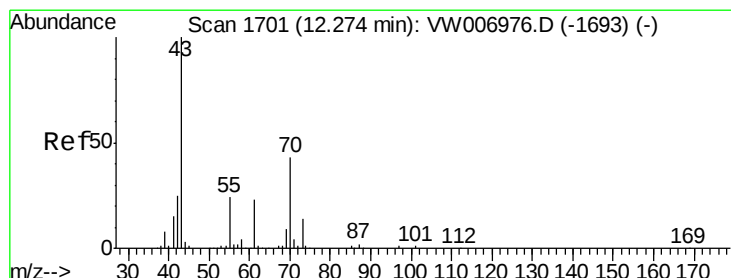
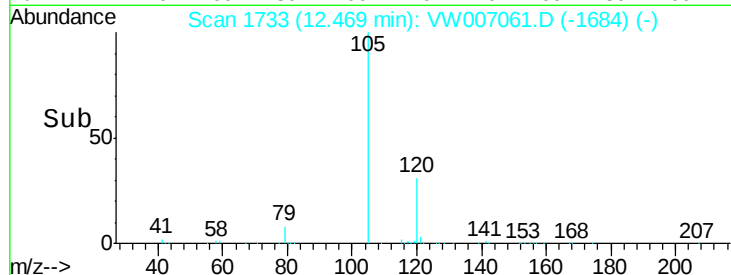
0

12.40

12.47

12.50

Time-->



#74

N-ethyl acetate

Concen: 62.64 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion: 43 Resp: 68456

Ion Ratio Lower Upper

43 100

70 42.9 34.0 51.0

55 24.0 19.4 29.0

61 24.4 19.4 29.2

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

60000

40000

20000

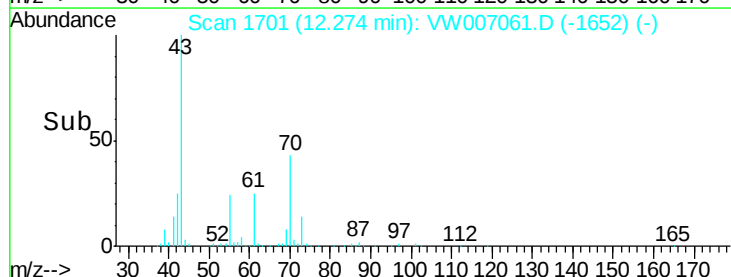
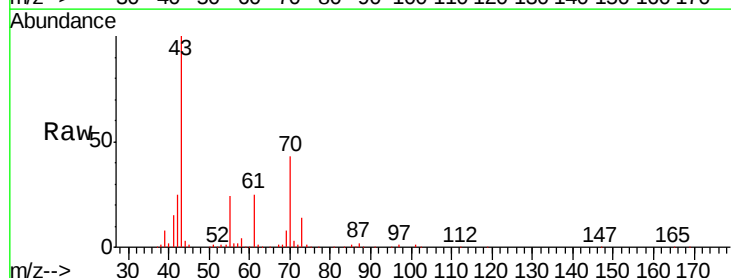
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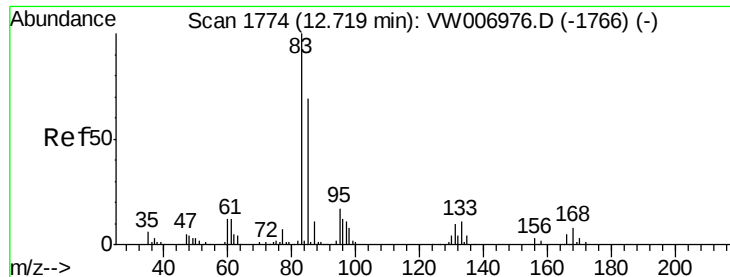
12.20

12.27

12.30

Time-->





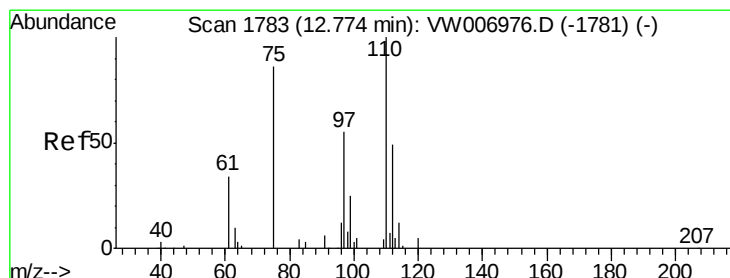
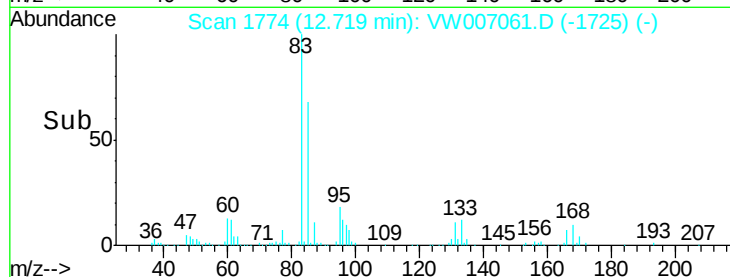
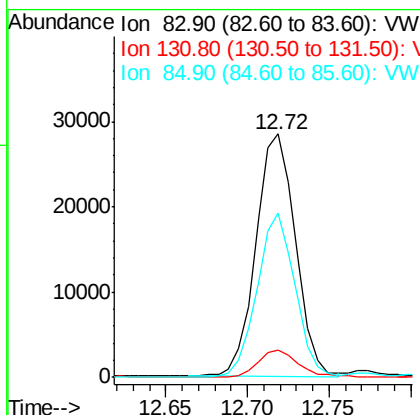
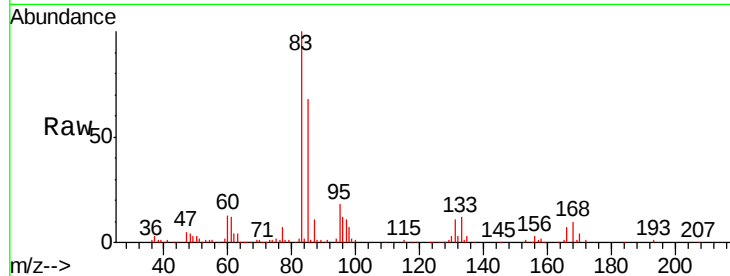
#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.09 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.7	17.1
85	65.1	33.1	99.2

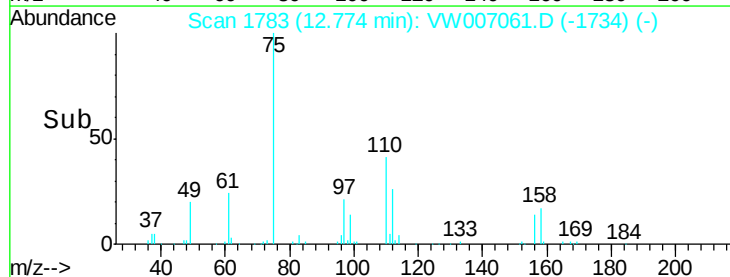
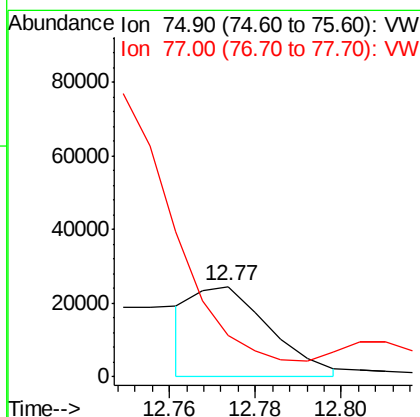
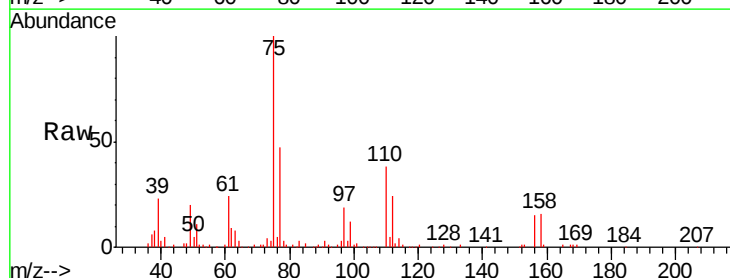
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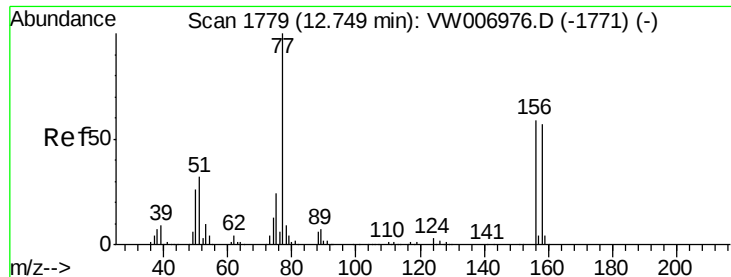
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#76
 1,2,3-Trichloropropane
 Concen: 45.94 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.45 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

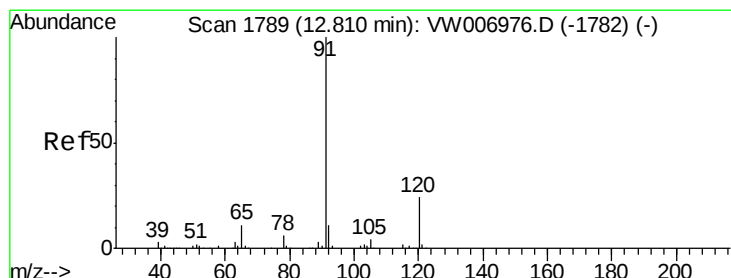
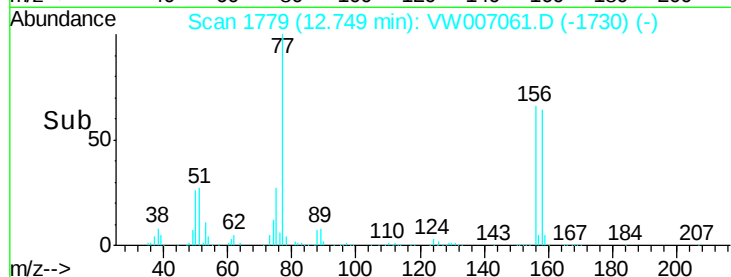
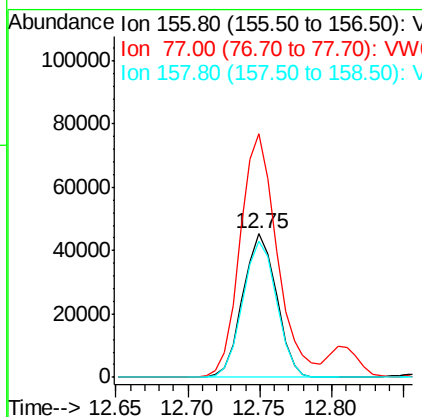
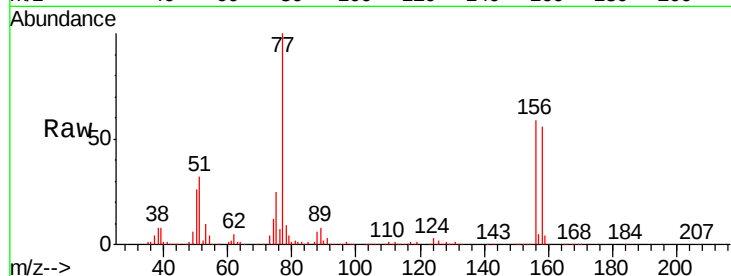
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	73450
Ion	Ratio	Lower	Upper
156	100		
77	187.1	94.6	283.8
158	95.3	48.9	146.7

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#78

n-propylbenzene

Concen: 49.32 ug/l

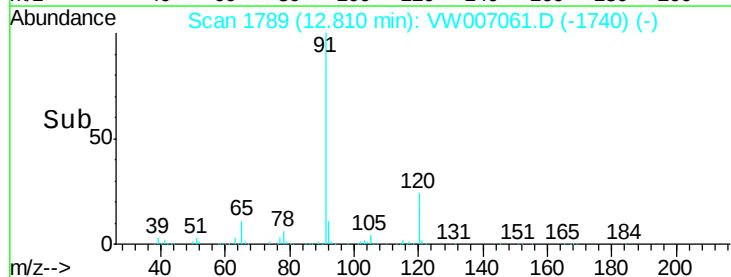
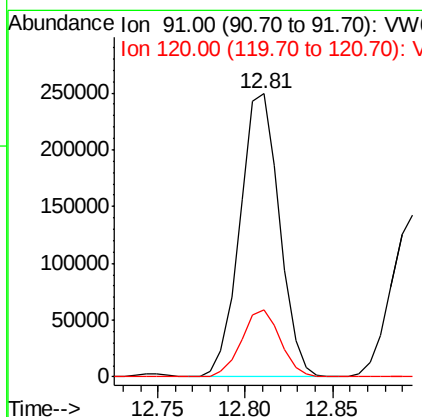
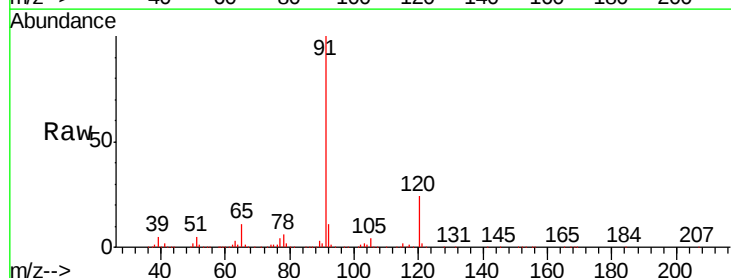
RT: 12.81 min Scan# 1789

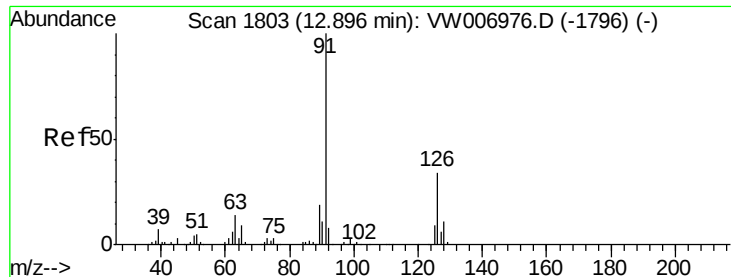
Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	91	Resp:	389514
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 50.22 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 228701

Ion Ratio Lower Upper

91 100

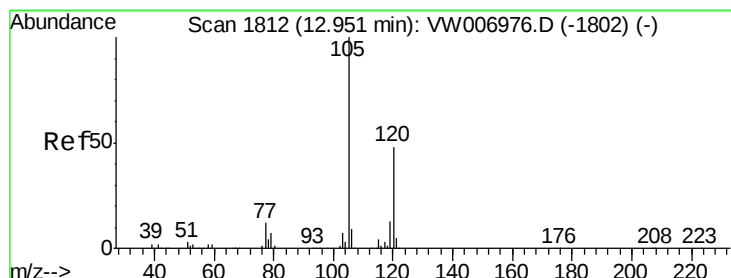
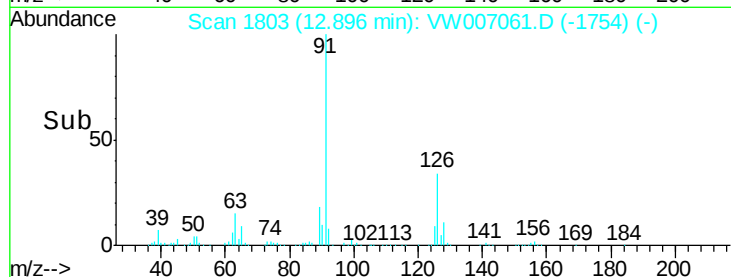
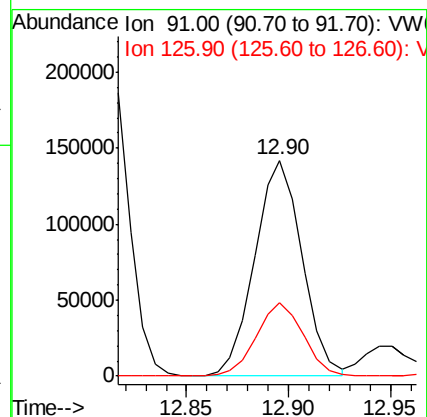
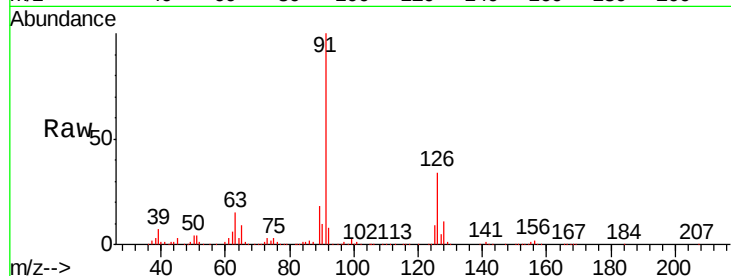
126 33.9 16.7 50.0

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#80

1,3,5-Trimethylbenzene

Concen: 51.28 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007061.D

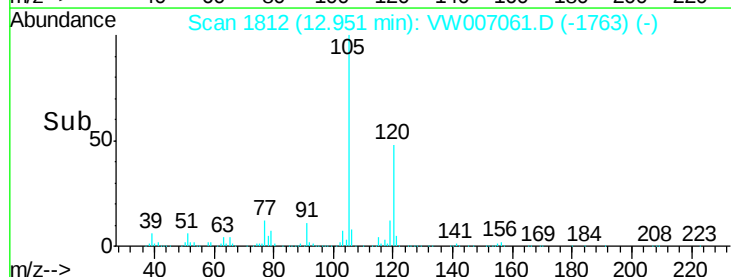
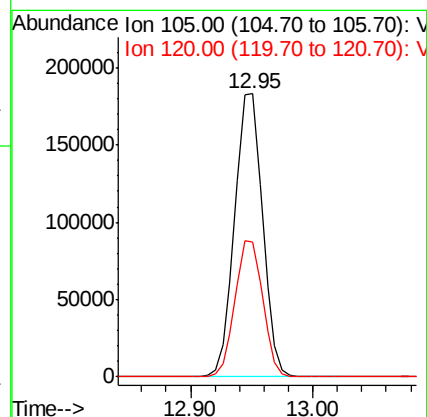
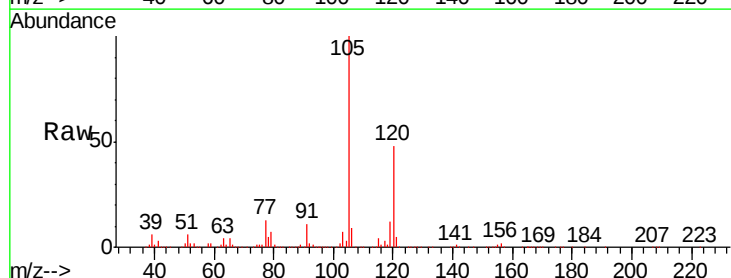
Acq: 26 Nov 2018 21:30

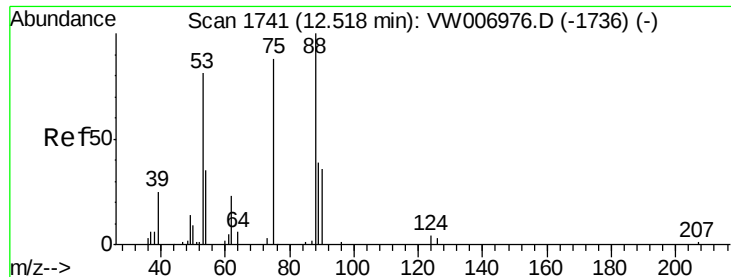
Tgt Ion: 105 Resp: 289159

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.2





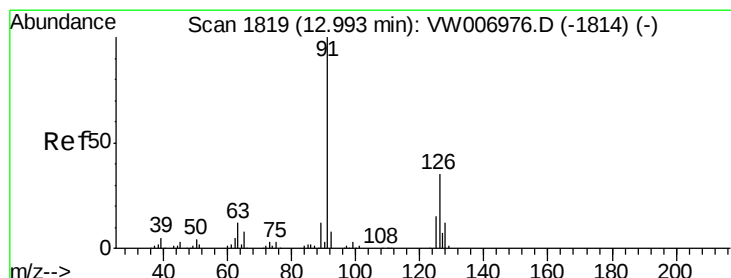
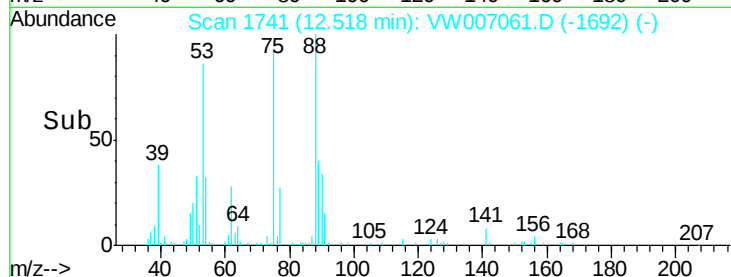
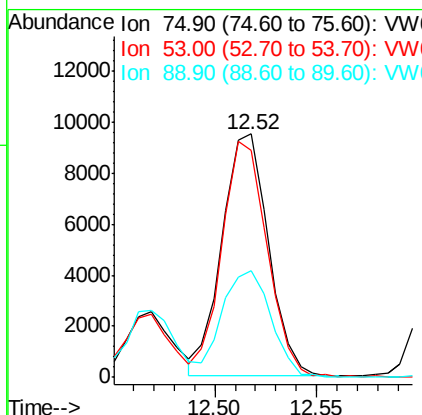
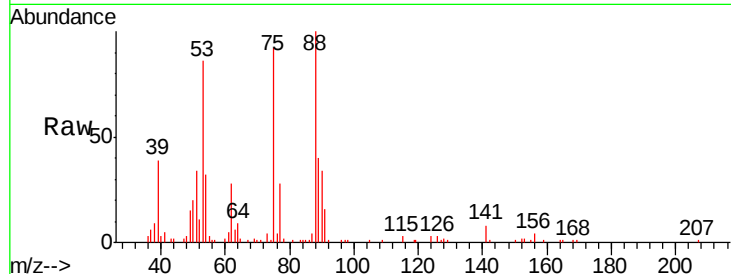
#81
trans-1,4-Dichloro-2-butene
Concen: 56.93 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.0	77.6	116.4
89	46.1	39.3	58.9

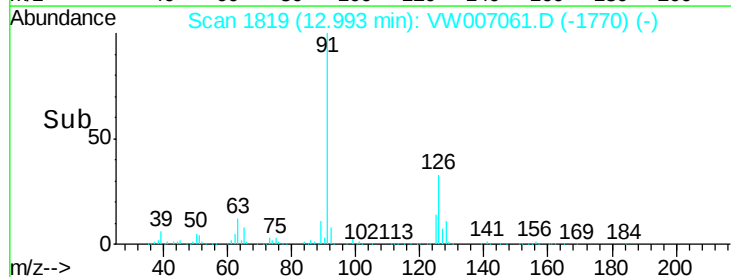
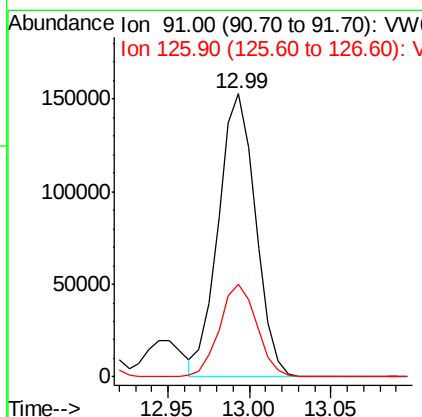
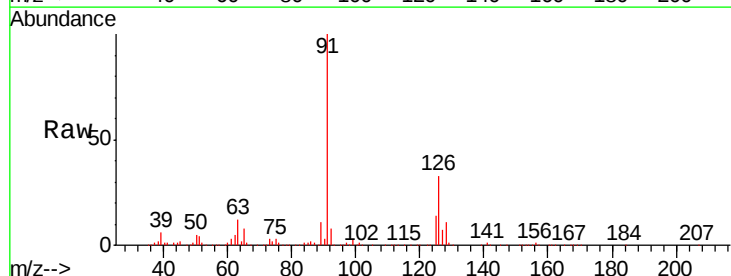
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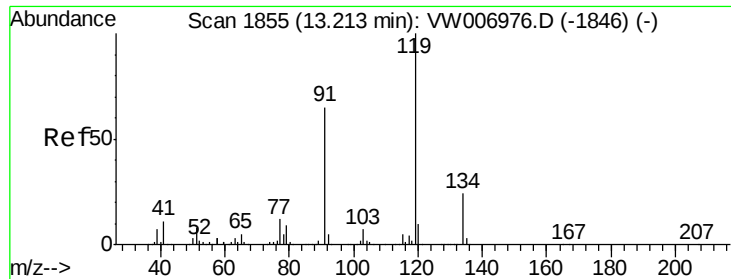
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#82
4-Chlorotoluene
Concen: 50.66 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.6	49.7





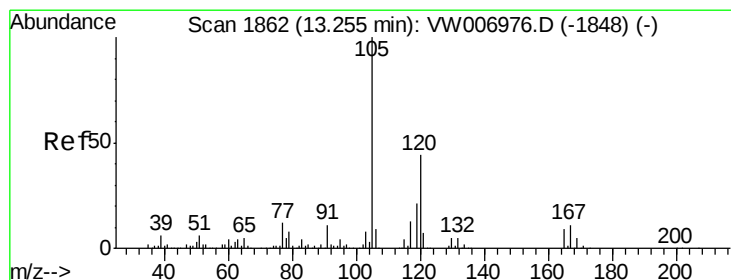
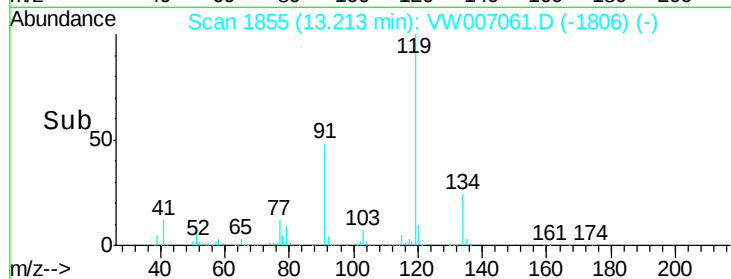
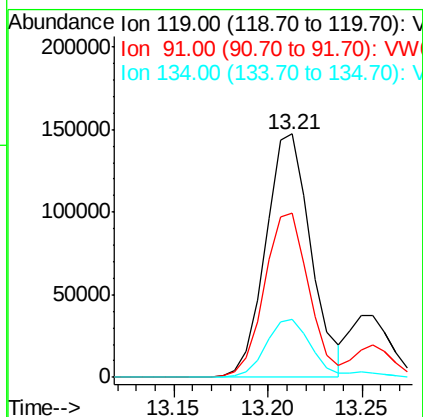
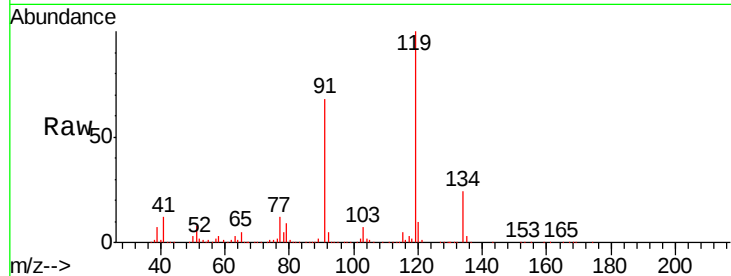
#83
tert-Butylbenzene
Concen: 50.21 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.5	100.5
134	25.2	12.6	37.8

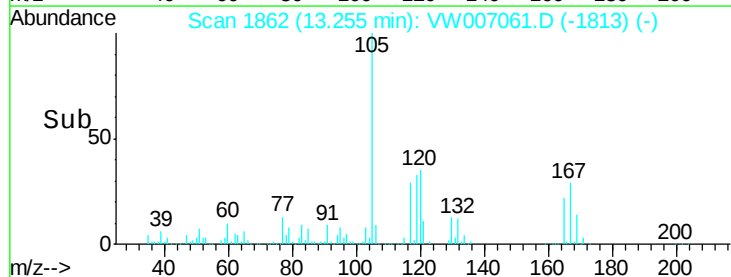
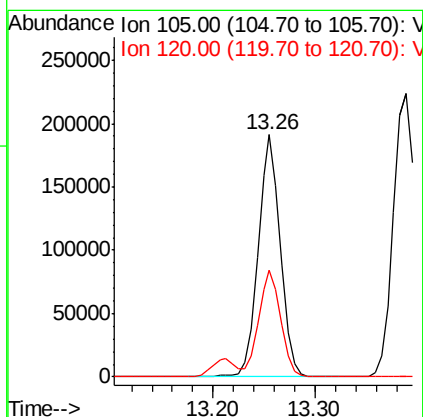
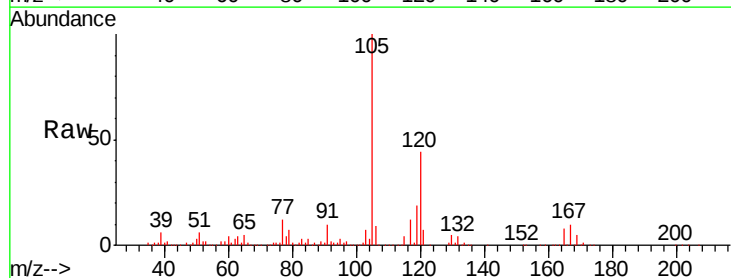
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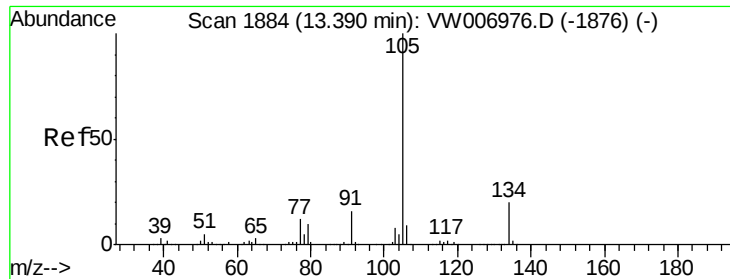
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#84
1,2,4-Trimethylbenzene
Concen: 51.39 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.8	65.3





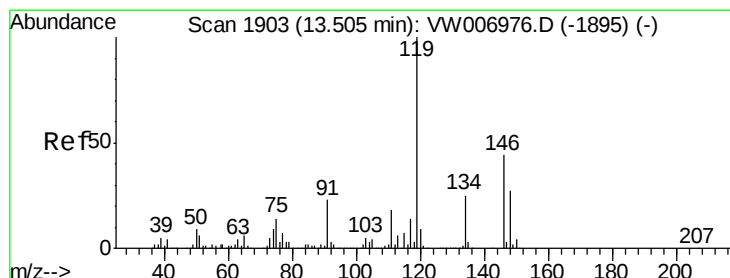
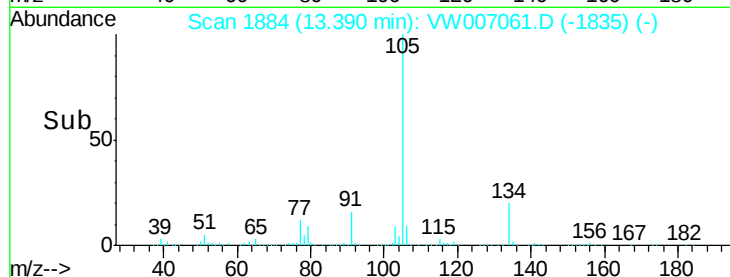
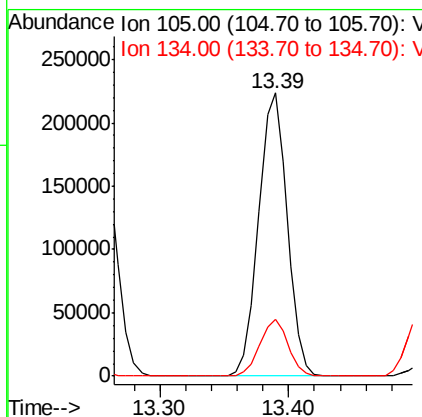
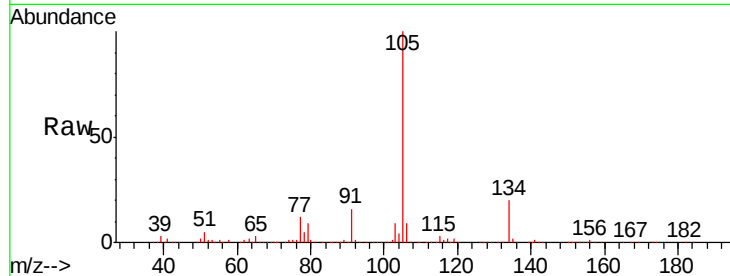
#85
 sec-Butylbenzene
 Concen: 49.64 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.3

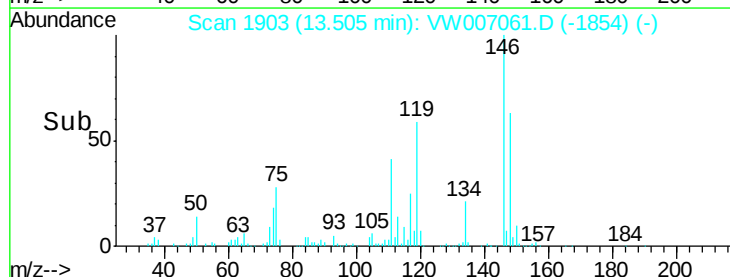
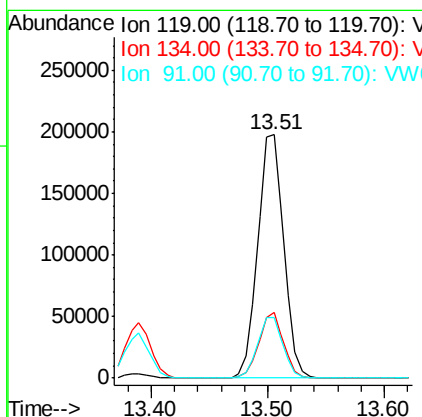
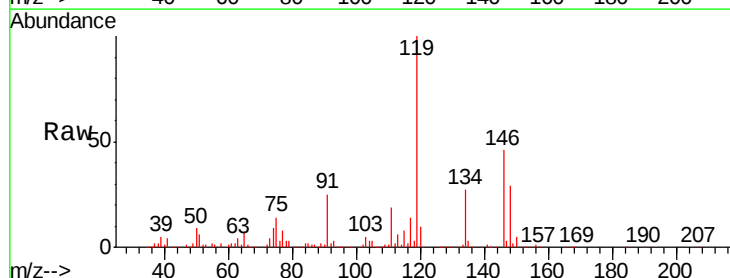
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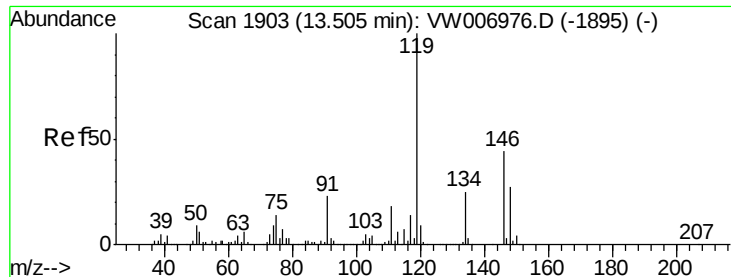
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#86
 p-Isopropyltoluene
 Concen: 50.56 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.3
91	24.3	12.2	36.6





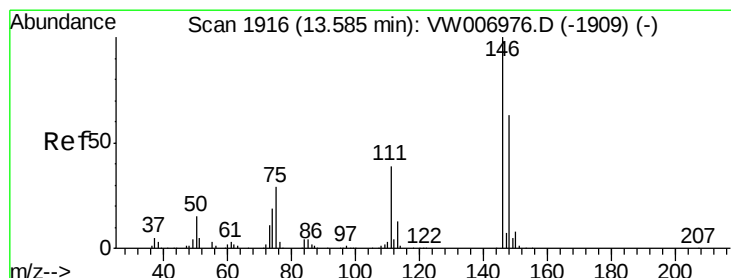
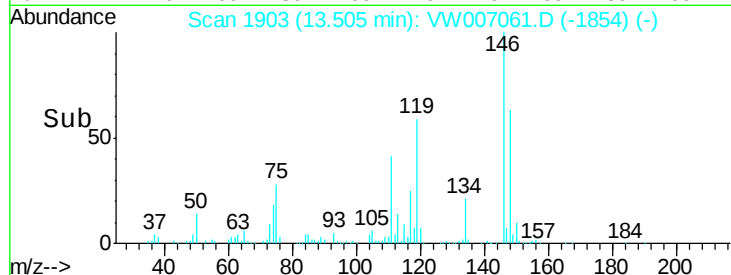
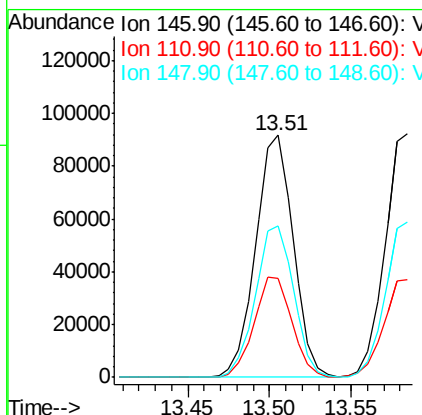
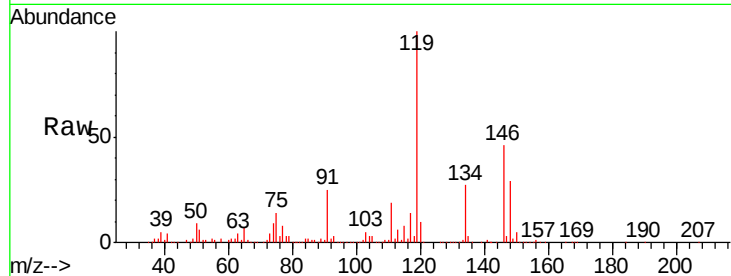
#87
 1,3-Dichlorobenzene
 Concen: 51.44 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.3
148	63.8	31.6	94.8

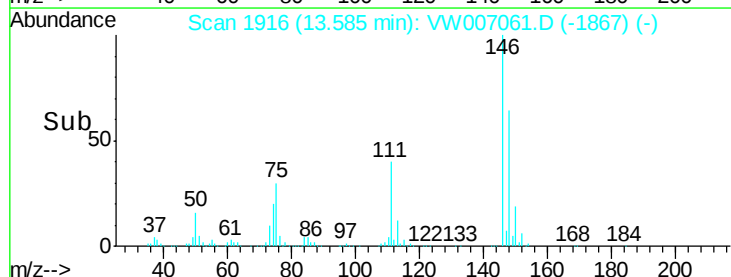
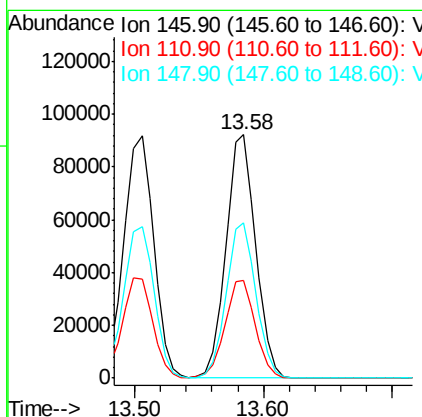
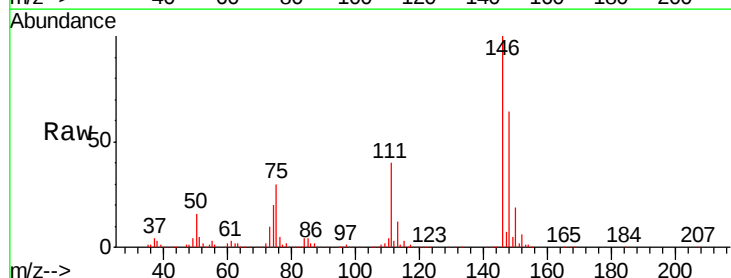
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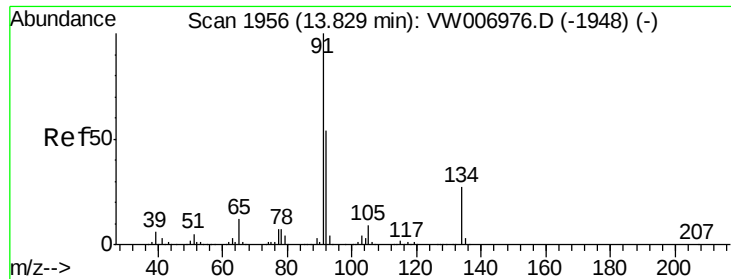
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#88
 1,4-Dichlorobenzene
 Concen: 52.26 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	63.4	32.3	96.8





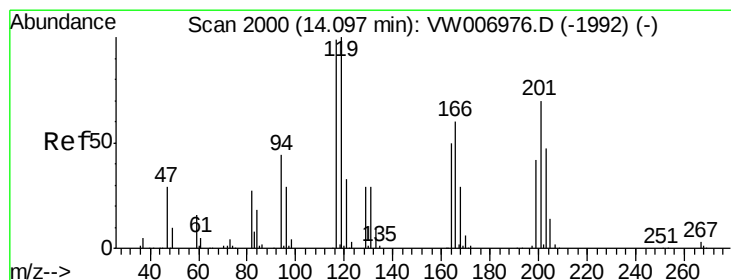
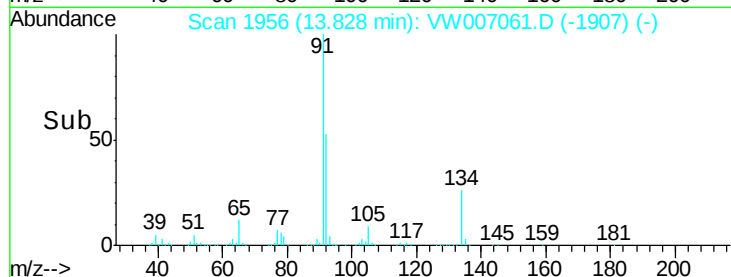
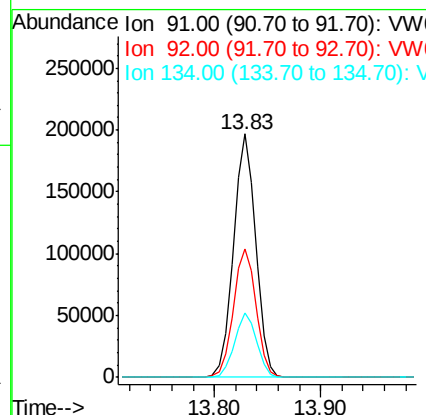
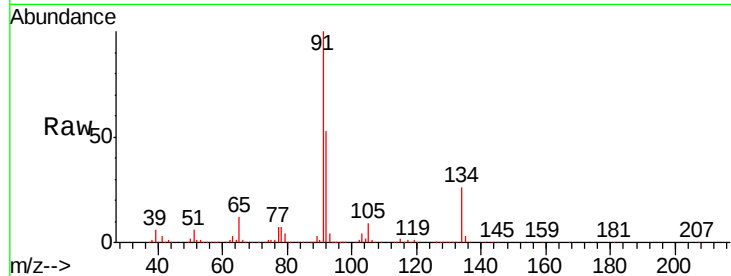
#89
n-Butylbenzene
Concen: 50.43 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	26.4	13.3	39.8

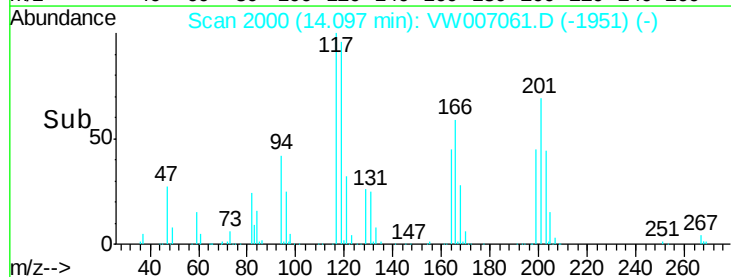
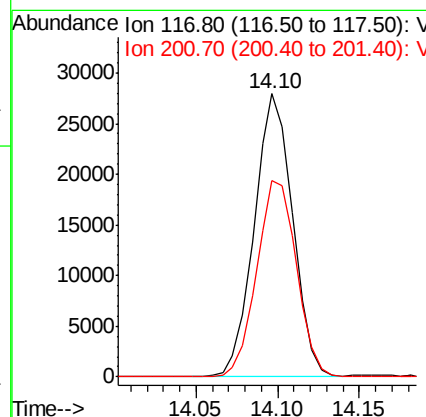
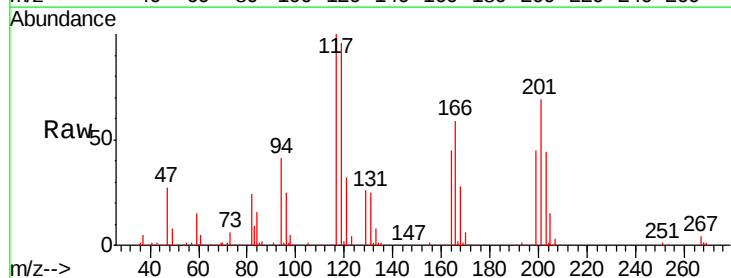
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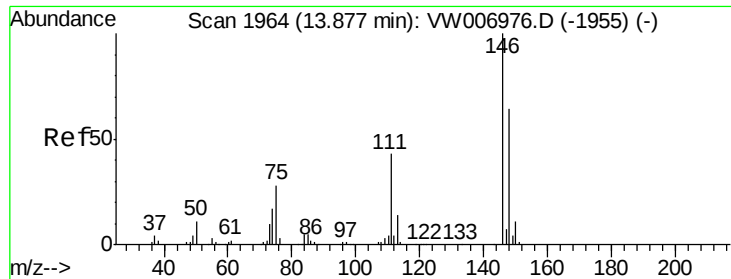
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#90
Hexachloroethane
Concen: 51.57 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007061.D
Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.7	35.9	107.5





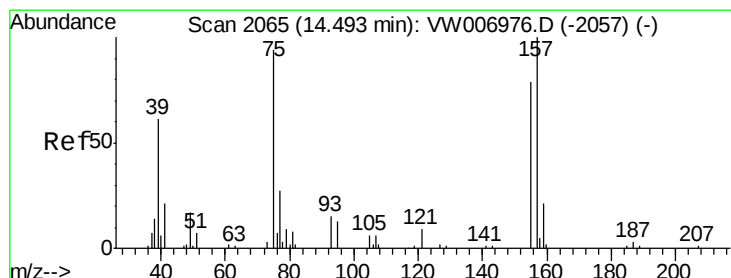
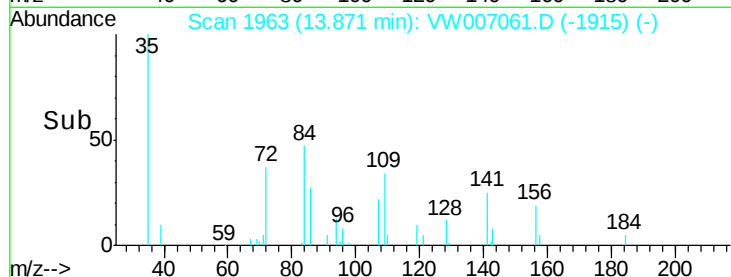
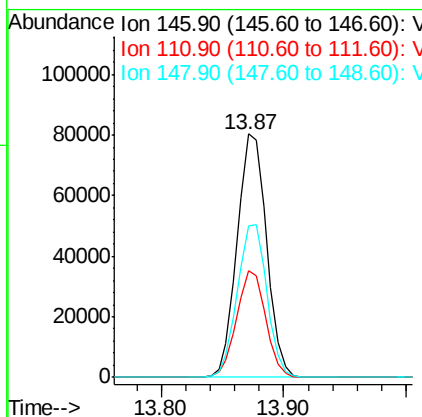
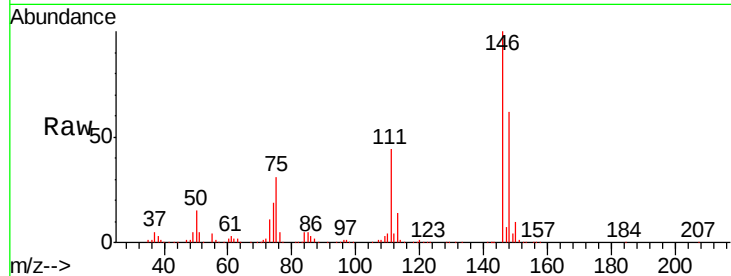
#91
 1,2-Dichlorobenzene
 Concen: 53.56 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.9	65.7
148	63.1	32.2	96.6

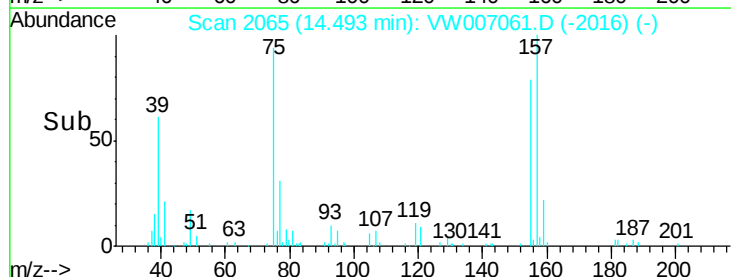
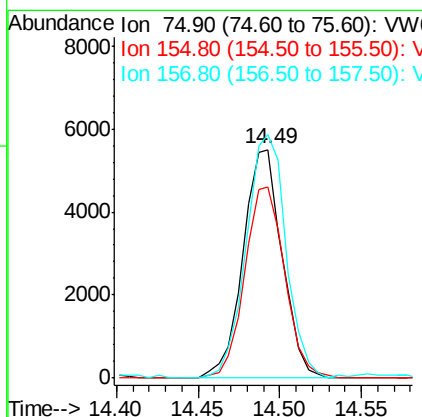
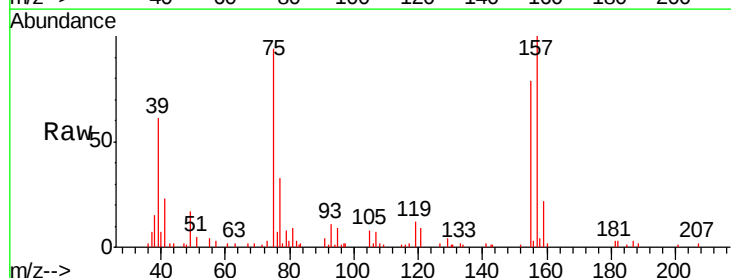
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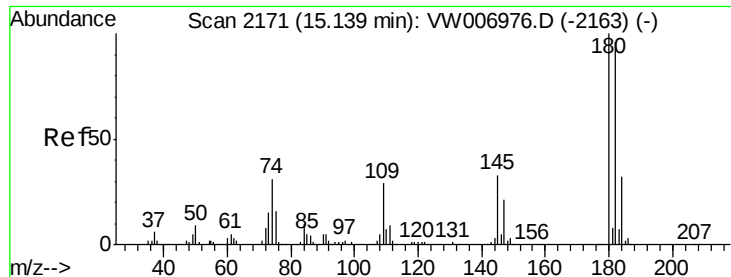
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.50 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	42.6	127.8
157	108.6	55.0	165.0





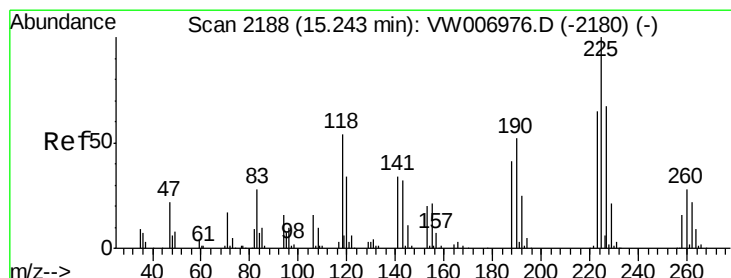
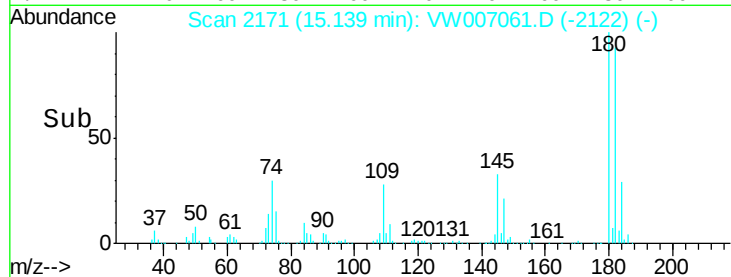
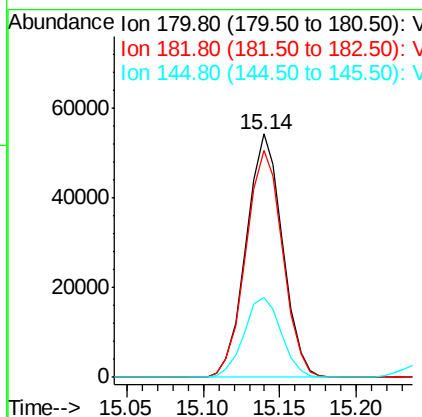
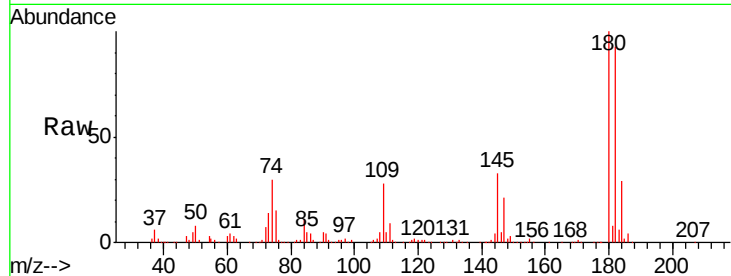
#93
 1,2,4-Trichlorobenzene
 Concen: 54.06 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89308		
182	94.8	47.1	141.3	
145	34.3	16.5	49.5	

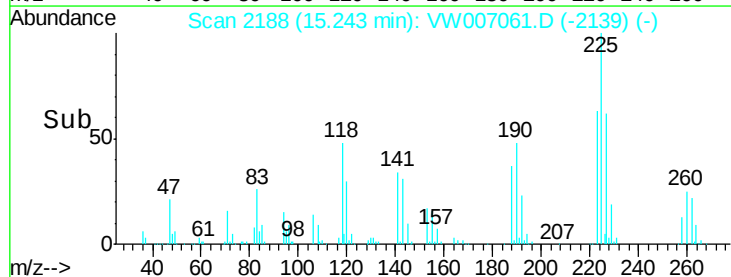
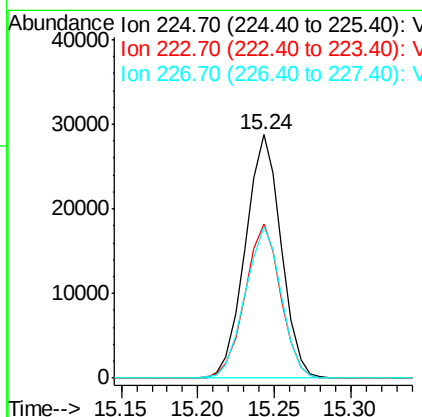
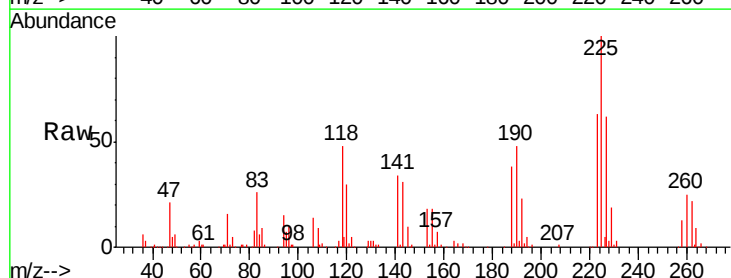
Manual Integrations
 APPROVED

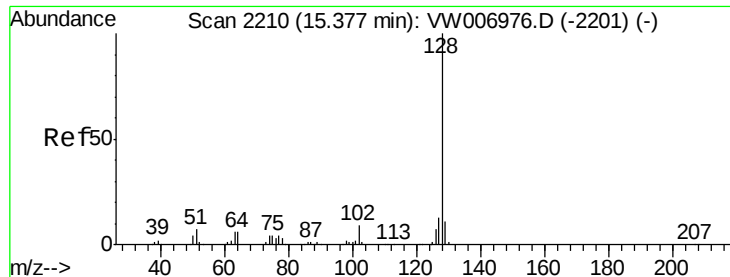
apatel
 11/27/2018 3:03:04 PM



#94
 Hexachlorobutadiene
 Concen: 51.88 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007061.D
 Acq: 26 Nov 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46589		
223	63.1	32.4	97.0	
227	62.7	31.9	95.5	





#95

Naphthalene

Concen: 60.33 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Instrument :

MSVOA_W

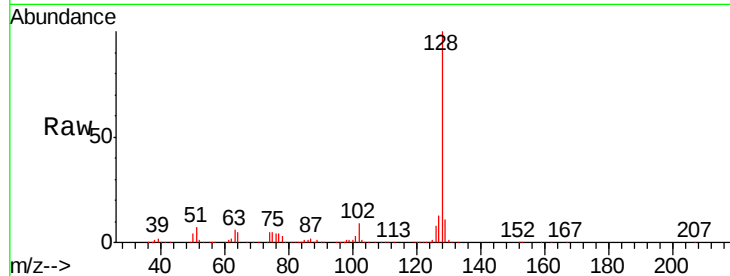
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	180895
Ion Ratio		Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

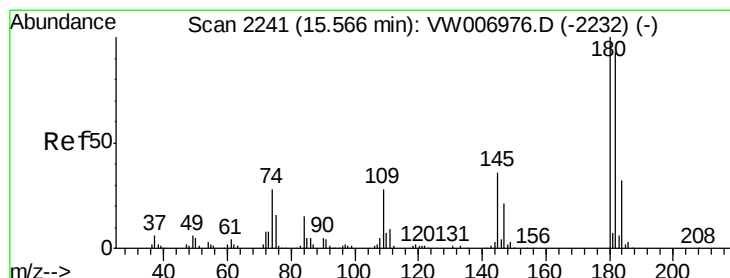
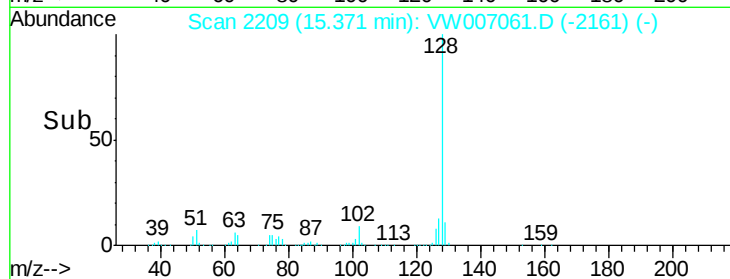
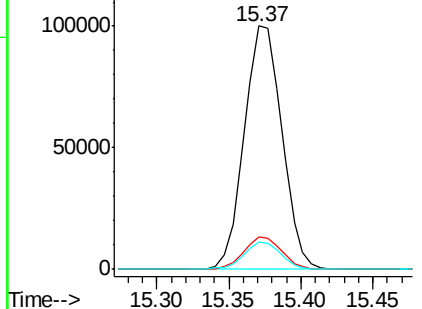
apatel
11/27/2018 3:03:04 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.29 ug/l

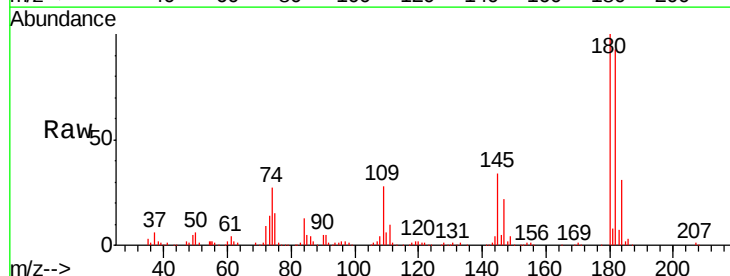
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007061.D

Acq: 26 Nov 2018 21:30

Tgt Ion:	180	Resp:	77147
Ion Ratio		Lower	Upper
180	100		
182	93.5	47.0	141.2
145	36.5	18.0	54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

