

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021356.D
 Acq On : 21 May 2021 14:05
 Operator : SY/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
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 5/25/2021 6:40:22 PM

Quant Time: May 22 01:39:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	295481	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	268537	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	149597	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85822	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.564	69	71430	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.101	63	113237	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.924	46	247455	48.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.08%
24) Chloroform-d	4.349	84	177079	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.034	65	89509	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.050	84	379006	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.069	67	116763	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.316	98	350063	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	7.625	79	48732	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.091	63	162646	43.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.90%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	62522	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
66) 1,2-Dichlorobenzene-d4	11.622	152	143982	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	5463	0.25	ug/L	99
3) Chloromethane	1.240	50	5188	0.26	ug/L	90
5) Vinyl chloride	1.307	62	5456	0.27	ug/L #	64
6) Bromomethane	1.519	94	3432	0.26	ug/L	98
8) Chloroethane	1.580	64	3127	0.26	ug/L	93
9) Trichlorofluoromethane	1.748	101	7127	0.24	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5037	0.30	ug/L	93
12) 1,1-Dichloroethene	2.114	96	5339	0.33	ug/L #	1
13) Acetone	2.217	43	11684m	4.19	ug/L	
14) Carbon disulfide	2.288	76	14756	0.26	ug/L	96
15) Methyl Acetate	2.455	43	3460m	0.53	ug/L	
16) Methylene chloride	2.506	84	27386	1.18	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	11282	0.24	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	5170	0.26	ug/L	93
19) 1,1-Dichloroethane	3.191	63	8778	0.25	ug/L	98
21) 2-Butanone	4.027	43	12793m	2.58	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	5462	0.25	ug/L	99
23) Bromochloromethane	4.256	128	2192	0.22	ug/L	91
25) Chloroform	4.374	83	14985	0.41	ug/L	94

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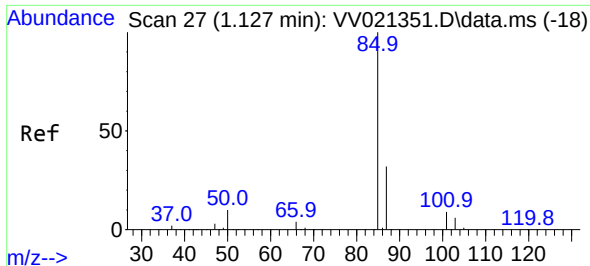
Manual Integrations
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Quant Time: May 22 01:39:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	4635	0.23	ug/L #	85
29) 1,1,1-Trichloroethane	4.609	97	8229	0.25	ug/L	95
30) Cyclohexane	4.674	56	8359	0.26	ug/L	92
31) Carbon tetrachloride	4.828	117	7284	0.25	ug/L	98
33) Benzene	5.108	78	18530	0.24	ug/L	100
34) Trichloroethene	5.921	95	7080	0.31	ug/L	94
35) Methylcyclohexane	6.130	83	9172	0.26	ug/L	97
37) 1,2-Dichloropropane	6.185	63	4324	0.23	ug/L #	85
38) Bromodichloromethane	6.519	83	6693	0.26	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	7779	0.26	ug/L	93
40) 4-Methyl-2-pentanone	7.236	43	26742	2.27	ug/L #	87
42) Toluene	7.394	91	26468	0.31	ug/L	98
44) trans-1,3-Dichloropropene	7.664	75	7223	0.29	ug/L	96
45) 1,1,2-Trichloroethane	7.850	97	3554	0.26	ug/L	95
47) Tetrachloroethene	7.979	164	4883	0.26	ug/L	93
48) 2-Hexanone	8.146	43	67933	7.97	ug/L #	87
49) Dibromochloromethane	8.252	129	4501	0.24	ug/L	91
50) 1,2-Dibromoethane	8.358	107	3455	0.26	ug/L #	95
51) Chlorobenzene	8.886	112	13793	0.25	ug/L	98
52) Ethylbenzene	9.017	91	24483	0.26	ug/L	95
53) m,p-xylene	9.143	106	9391	0.26	ug/L	97
54) o-xylene	9.545	106	8870	0.25	ug/L	95
55) Styrene	9.567	104	14378	0.24	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	3205	0.26	ug/L #	96
59) Bromoform	9.731	173	2495	0.22	ug/L	96
60) Isopropylbenzene	9.934	105	24826	0.26	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	2841	0.26	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.541	105	21310	0.26	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	22030	0.26	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	11605	0.25	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	12312	0.27	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	11014	0.26	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	505	0.23	ug/L	96
69) 1,3,5-Trichlorobenzene	12.647	180	10120	0.25	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	7641	0.24	ug/L	99
71) Naphthalene	13.509	128	9223	0.22	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	6944	0.25	ug/L	96

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



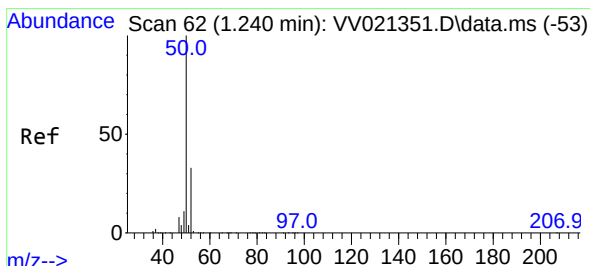
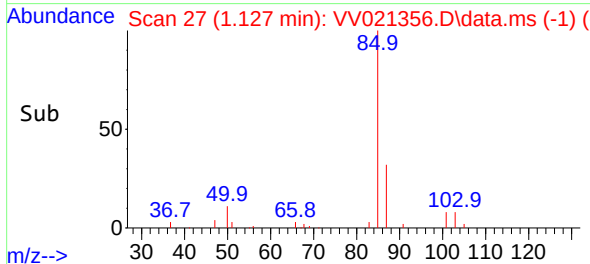
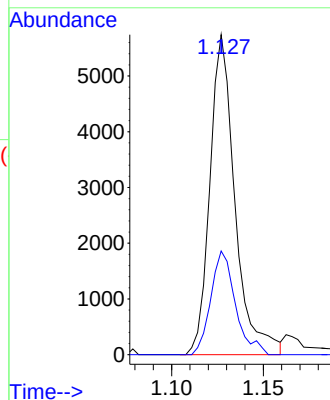
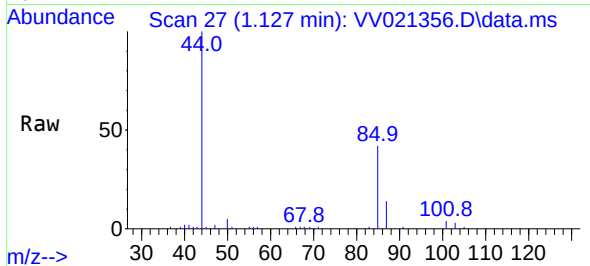
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Dichlorodifluoromethane
Concen: 0.25 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 85 Resp: 5463
Ion Ratio Lower Upper
85 100
87 31.8 25.7 38.5

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

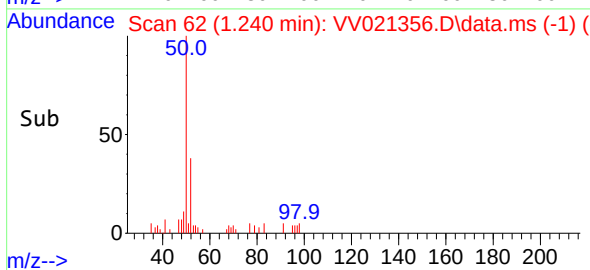
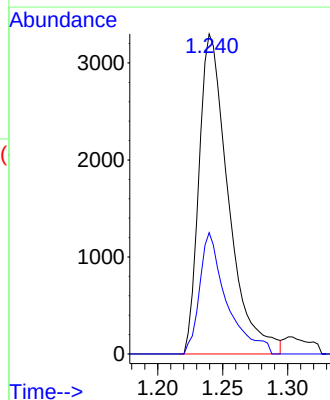
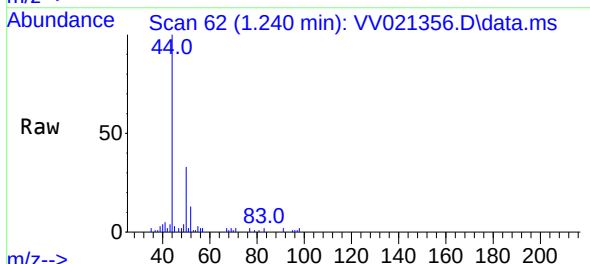
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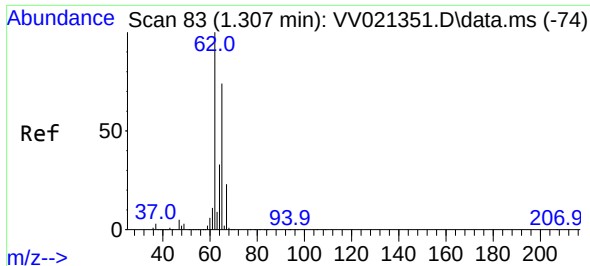
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#3
Chloromethane
Concen: 0.26 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

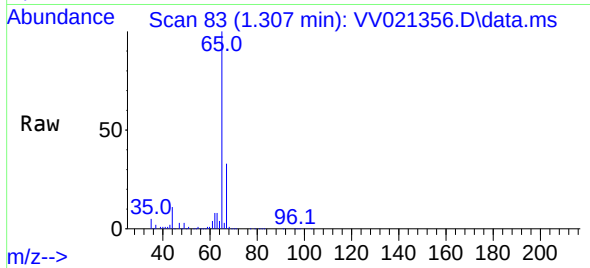
Tgt Ion: 50 Resp: 5188
Ion Ratio Lower Upper
50 100
52 37.9 22.5 41.9





#5
 Vinyl chloride
 Concen: 0.27 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021356.D
 Acq: 21 May 2021 14:05

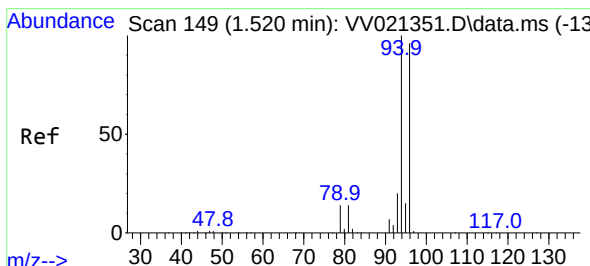
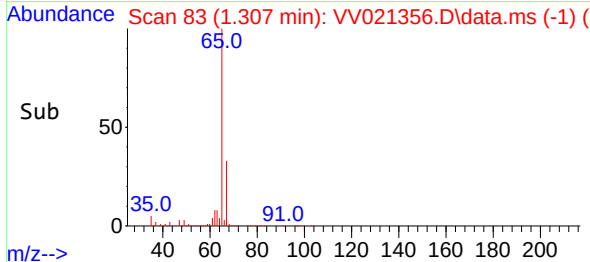
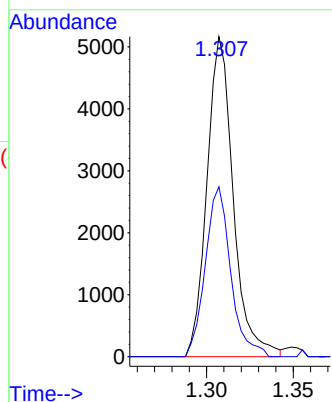
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05



Tgt Ion: 62 Resp: 5456
 Ion Ratio Lower Upper
 62 100
 64 53.1 22.8 42.4#

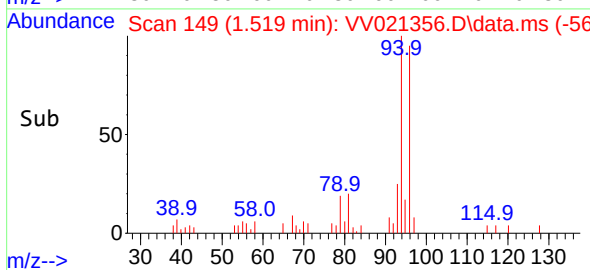
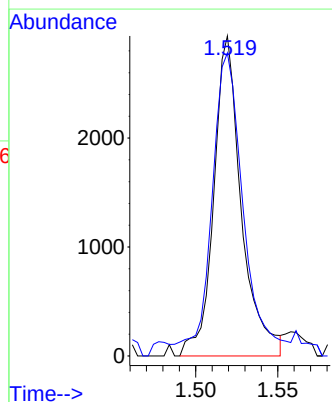
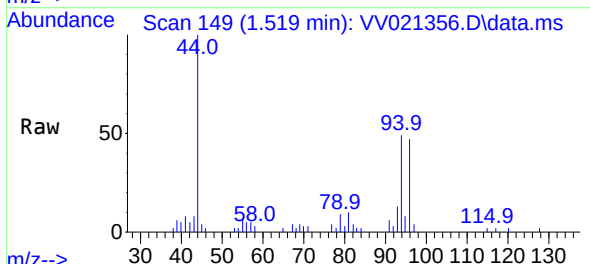
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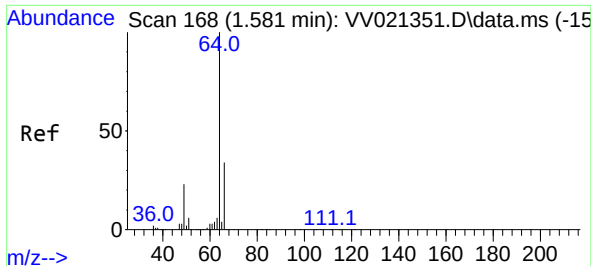
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#6
 Bromomethane
 Concen: 0.26 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021356.D
 Acq: 21 May 2021 14:05

Tgt Ion: 94 Resp: 3432
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.6





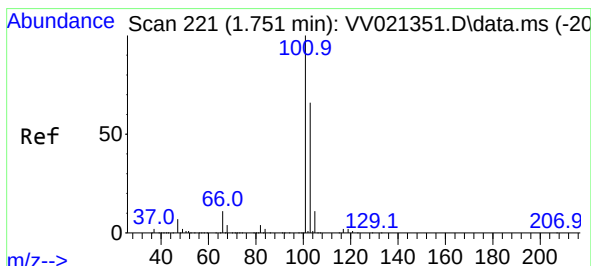
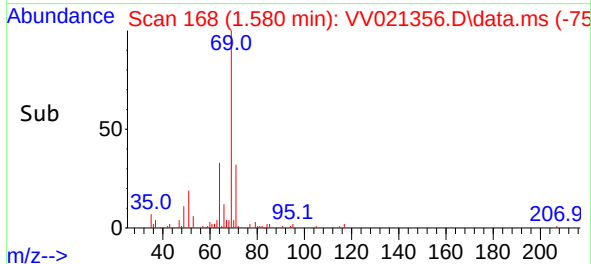
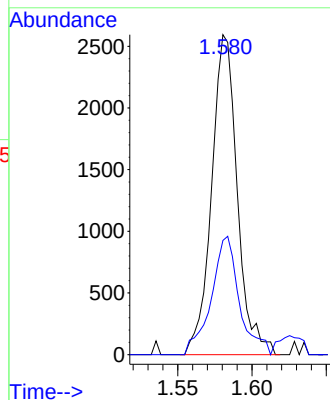
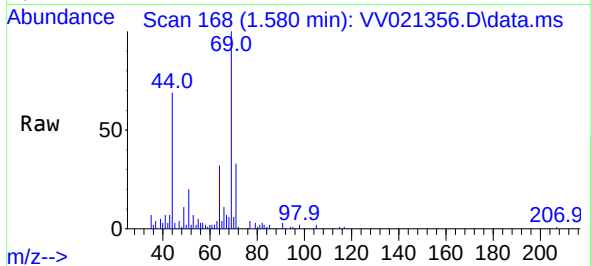
#8
Chloroethane
Concen: 0.26 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 64 Resp: 3127
Ion Ratio Lower Upper
64 100
66 35.7 22.3 41.5

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

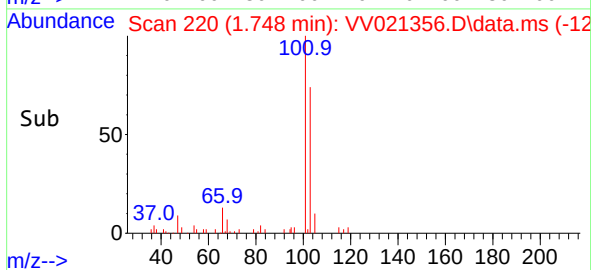
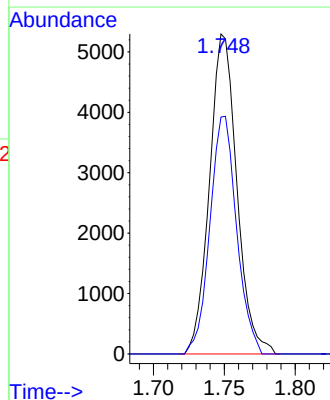
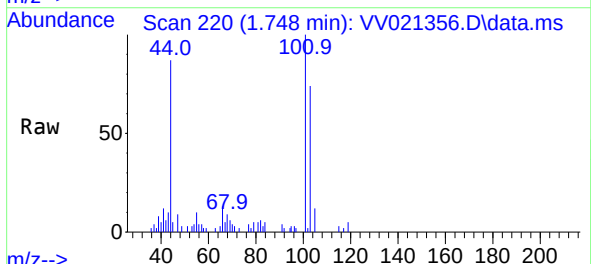
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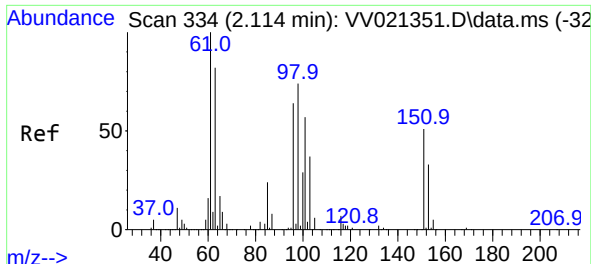
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#9
Trichlorofluoromethane
Concen: 0.24 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

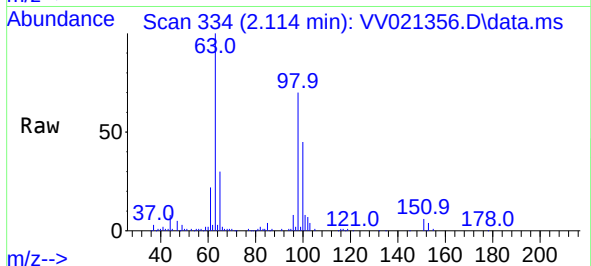
Tgt Ion: 101 Resp: 7127
Ion Ratio Lower Upper
101 100
103 72.3 51.9 77.9





#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.30 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021356.D
 Acq: 21 May 2021 14:05

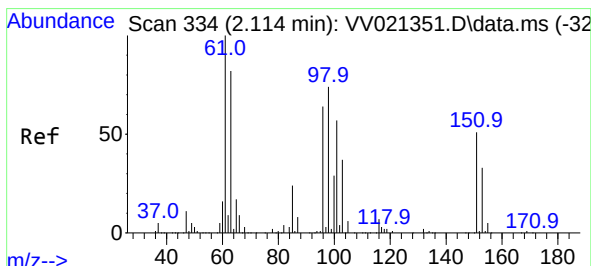
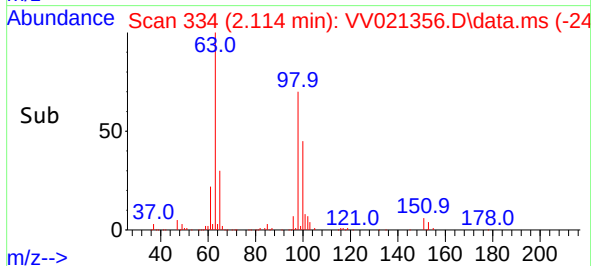
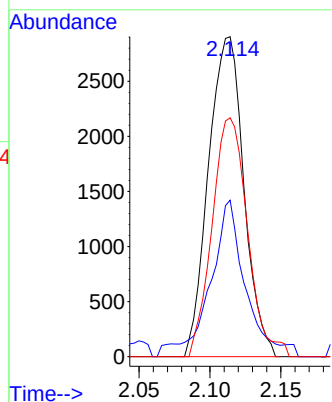
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05



Tgt Ion:101 Resp: 5037
 Ion Ratio Lower Upper
 101 100
 85 47.8 33.0 49.6
 151 75.0 64.2 96.2

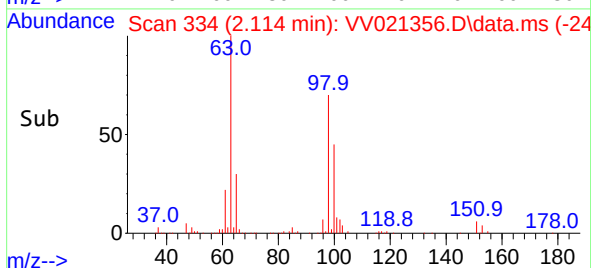
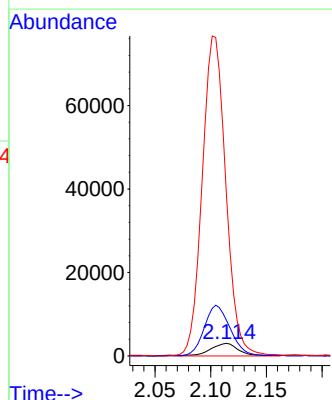
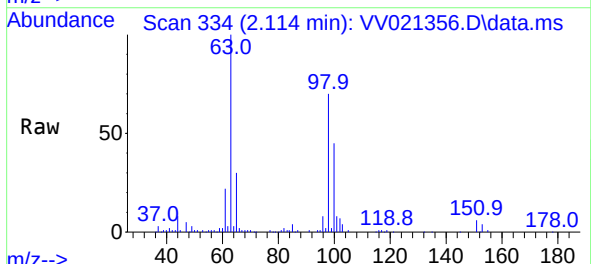
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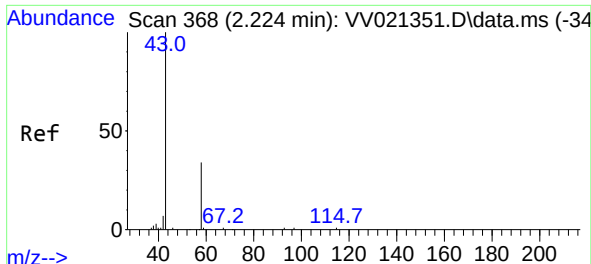
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#12
 1,1-Dichloroethene
 Concen: 0.33 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021356.D
 Acq: 21 May 2021 14:05

Tgt Ion: 96 Resp: 5339
 Ion Ratio Lower Upper
 96 100
 61 283.1 109.8 204.0#
 63 1274.9 71.3 132.3#





#13

Acetone

Concen: 4.19 ug/L m

RT: 2.217 min Scan# 366

Delta R.T. -0.007 min

Lab File: VV021356.D

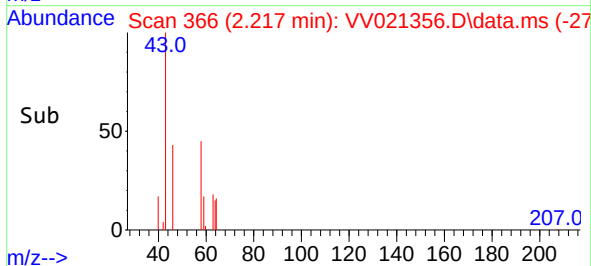
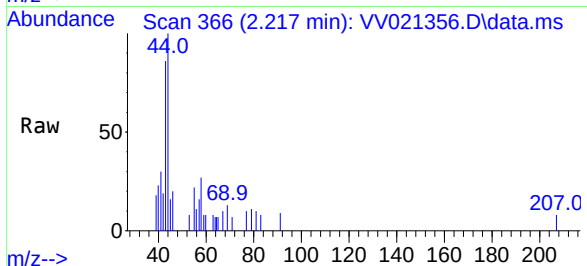
Acq: 21 May 2021 14:05

Tgt Ion: 43 Resp: 11684

Ion Ratio Lower Upper

43 100

58 0.6 0.0 67.4



Instrument :

MSVOA_V

ClientSampleId :

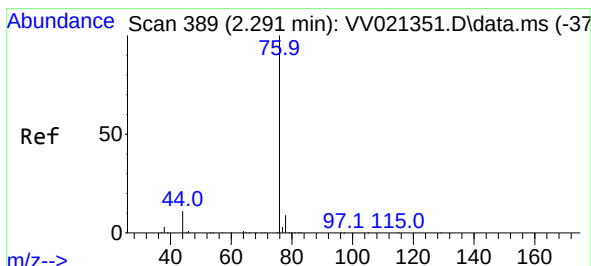
MDL-WATER-QT3-2021-05

Manual Integrations

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#14

Carbon disulfide

Concen: 0.26 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV021356.D

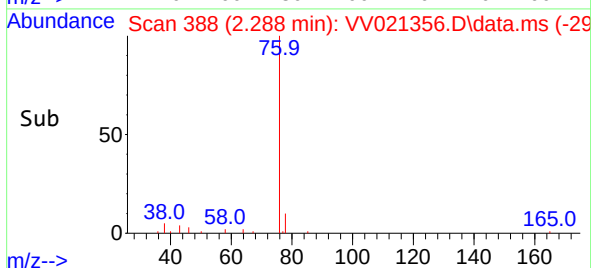
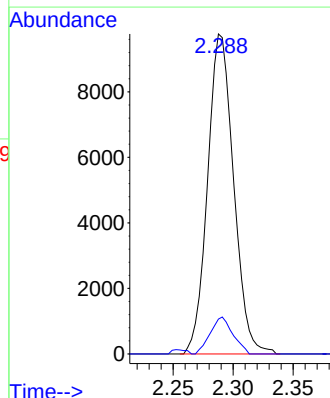
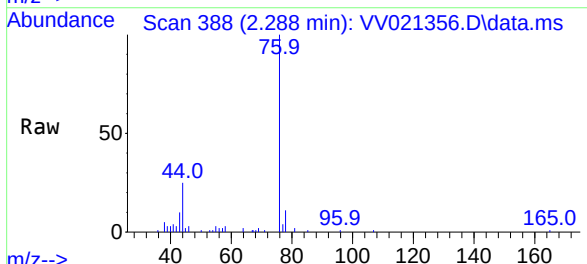
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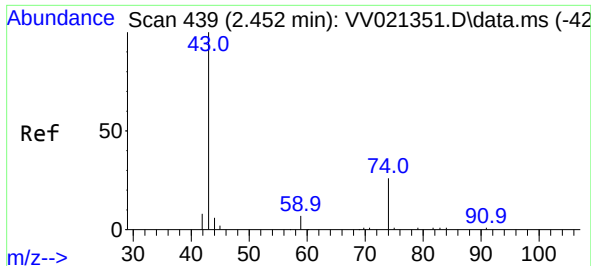
Tgt Ion: 76 Resp: 14756

Ion Ratio Lower Upper

76 100

78 10.9 7.5 11.3





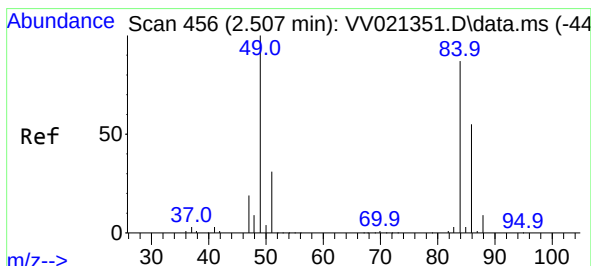
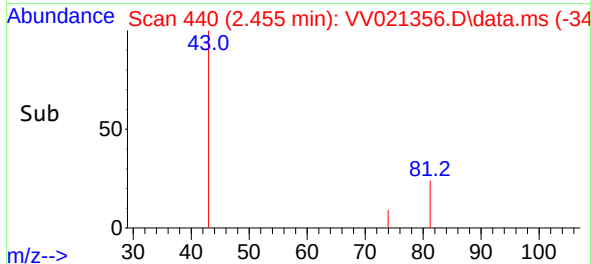
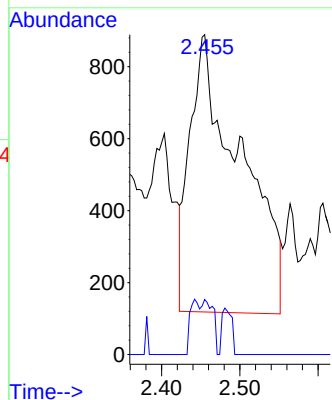
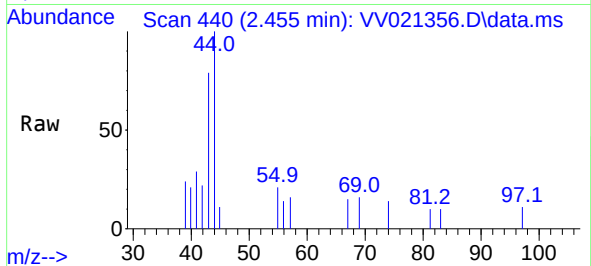
#15
Methyl Acetate
Concen: 0.53 ug/L m
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 43 Resp: 3460
Ion Ratio Lower Upper
43 100
74 3.8 20.1 30.1#

Instrument :
MSVOA_V
ClientSampleId :
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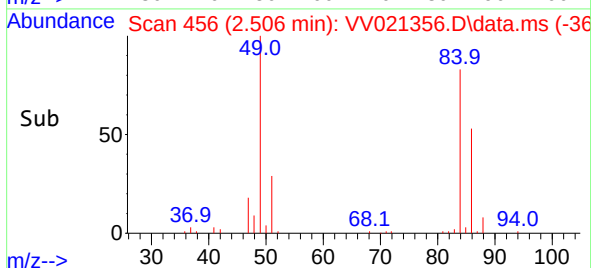
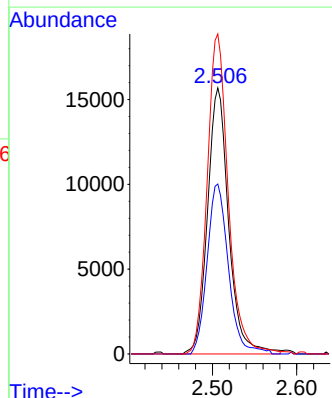
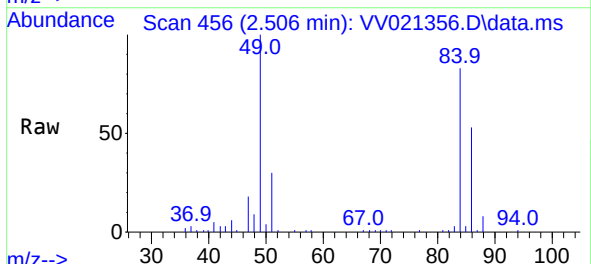
Manual Integrations
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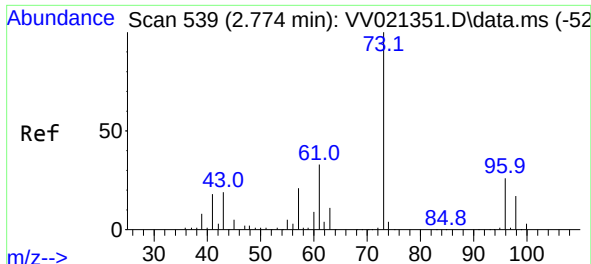
MMDadoda
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#16
Methylene chloride
Concen: 1.18 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 84 Resp: 27386
Ion Ratio Lower Upper
84 100
86 63.8 47.2 87.6
49 120.3 81.9 152.1





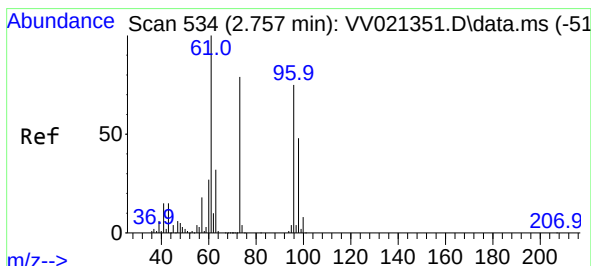
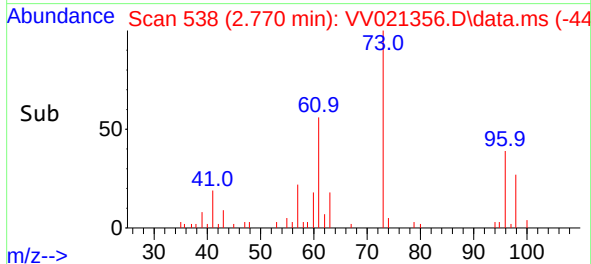
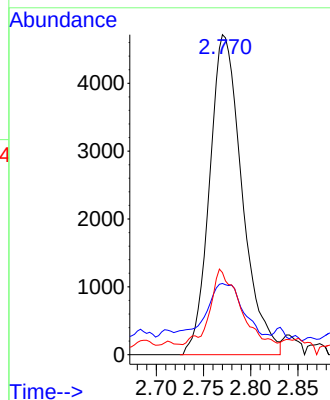
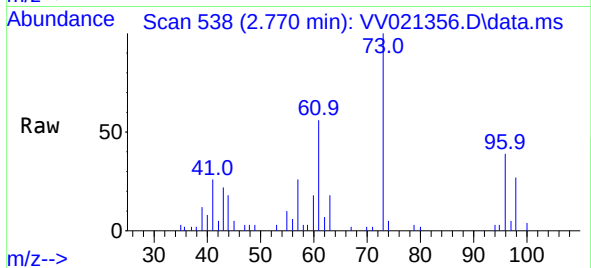
#17
Methyl tert-butyl Ether
Concen: 0.24 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	73	Resp:	11282
Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.3	22.9
57	21.6	17.0	25.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

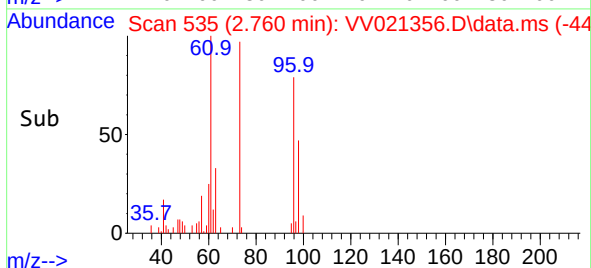
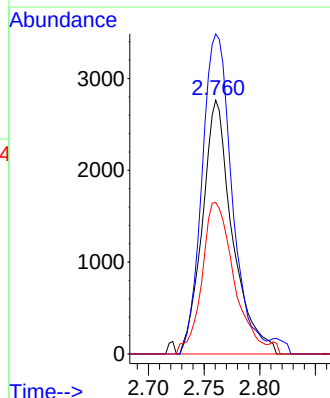
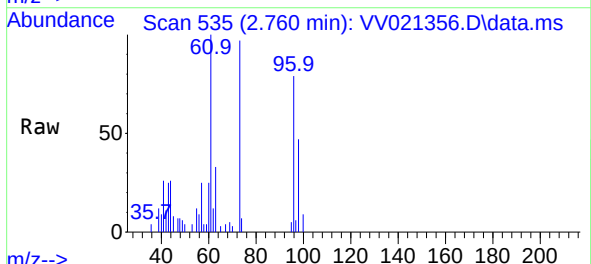
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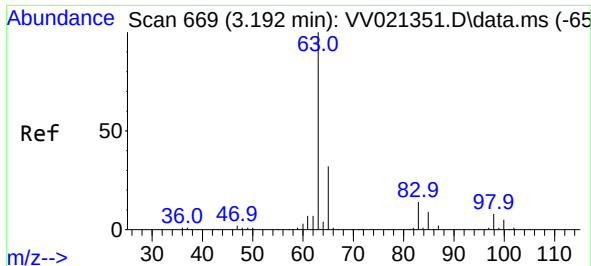
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#18
trans-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	96	Resp:	5170
Ion	Ratio	Lower	Upper
96	100		
61	126.1	94.1	174.8
98	59.7	45.0	83.6





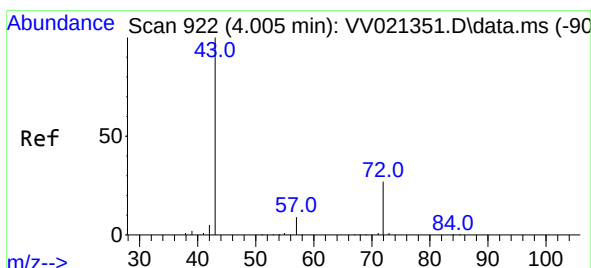
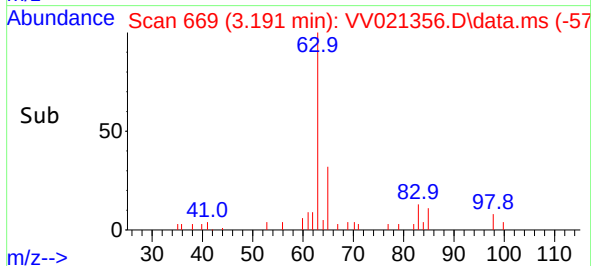
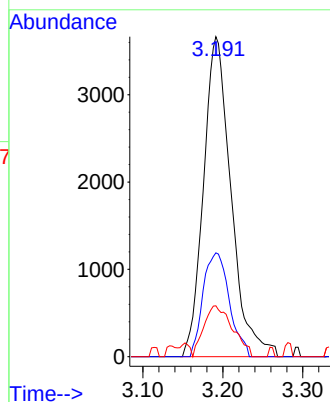
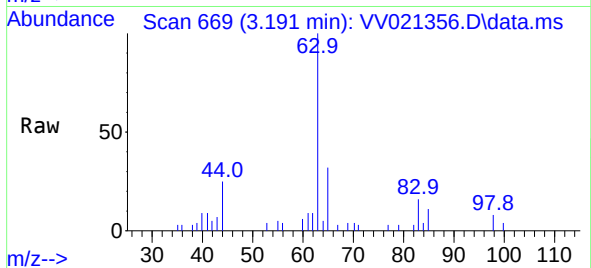
#19
1,1-Dichloroethane
Concen: 0.25 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	63	Resp:	8778
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.3	41.5
83	15.9	9.7	17.9

Instrument :
MSVOA_V
ClientSampleId :
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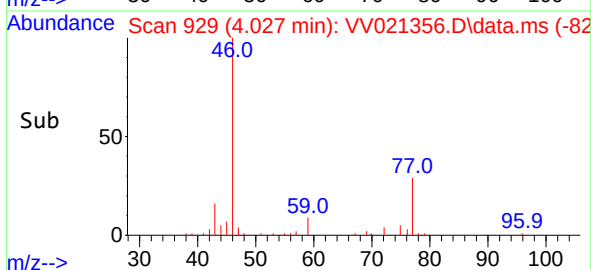
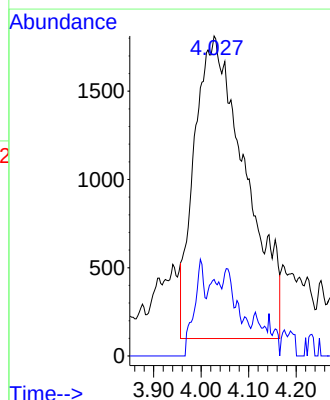
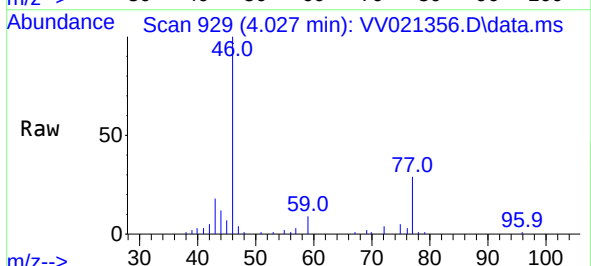
Manual Integrations
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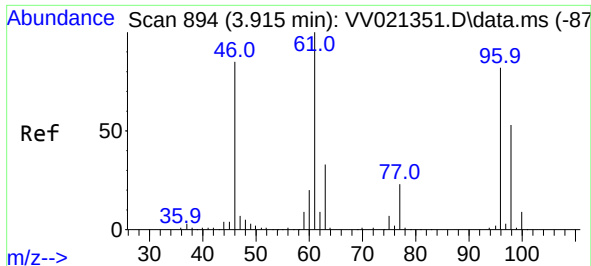
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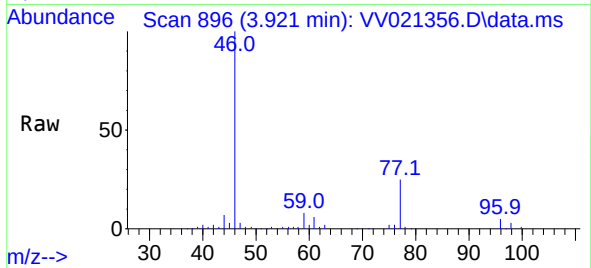
#21
2-Butanone
Concen: 2.58 ug/L m
RT: 4.027 min Scan# 929
Delta R.T. 0.022 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	43	Resp:	12793
Ion	Ratio	Lower	Upper
43	100		
72	3.7	14.5	43.5#



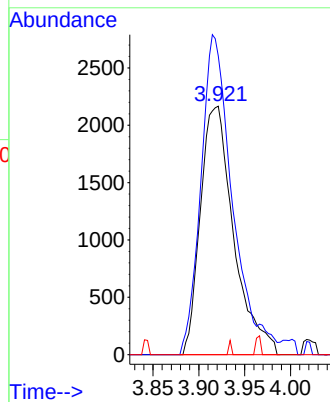
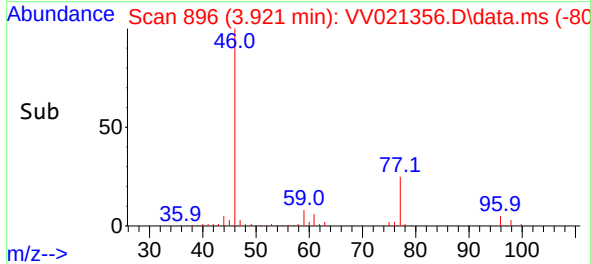


#22
cis-1,2-Dichloroethene
Concen: 0.25 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



Tgt Ion: 96 Resp: 5462

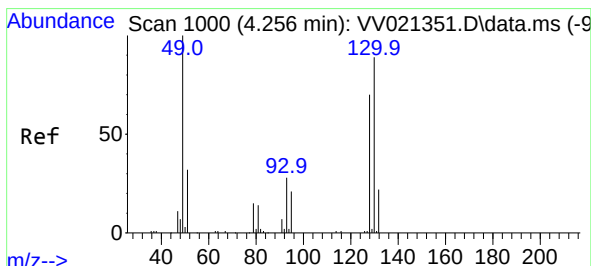
Ion	Ratio	Lower	Upper
96	100		
61	120.3	84.6	157.2
68	0.0	0.0	0.0



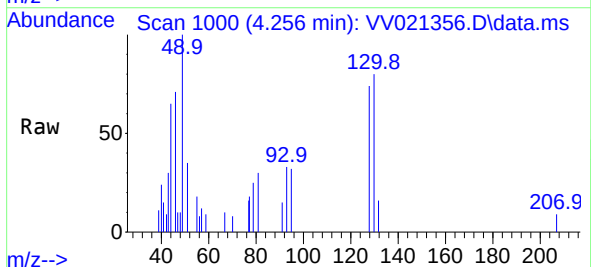
Instrument :
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ClientSampleId :
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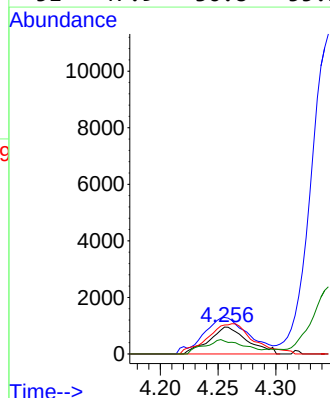
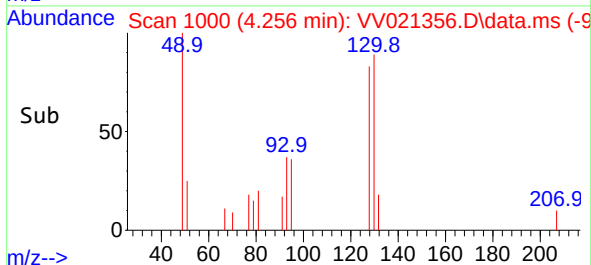


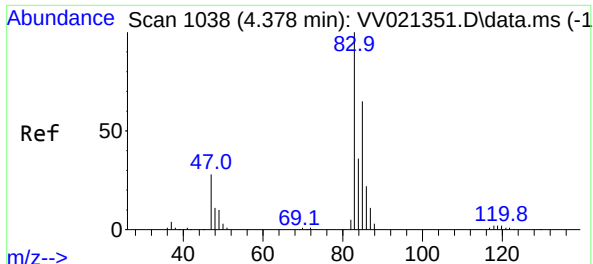
#23
Bromochloromethane
Concen: 0.22 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



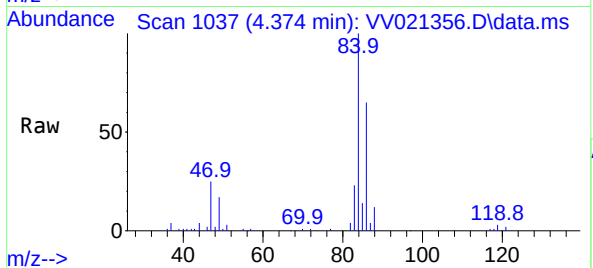
Tgt Ion: 128 Resp: 2192

Ion	Ratio	Lower	Upper
128	100		
49	135.8	100.0	185.8
130	108.0	87.4	162.2
51	47.9	36.8	55.2

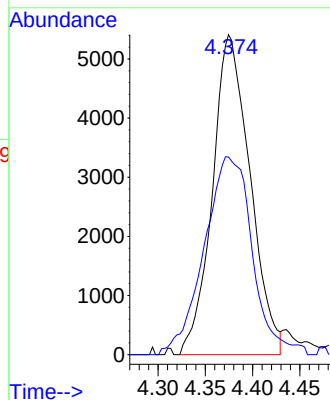
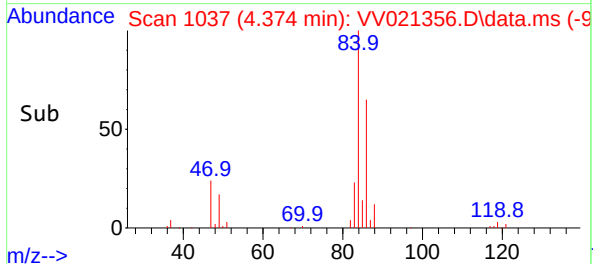




#25
Chloroform
Concen: 0.41 ug/L
RT: 4.374 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



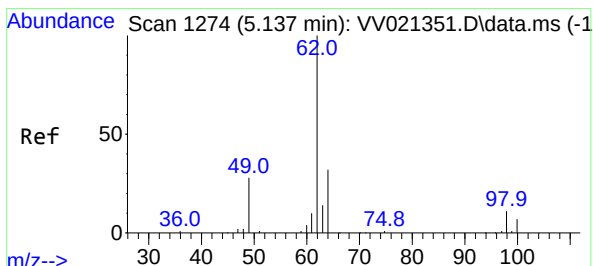
Tgt Ion: 83 Resp: 14985
Ion Ratio Lower Upper
83 100
85 61.7 46.4 86.2



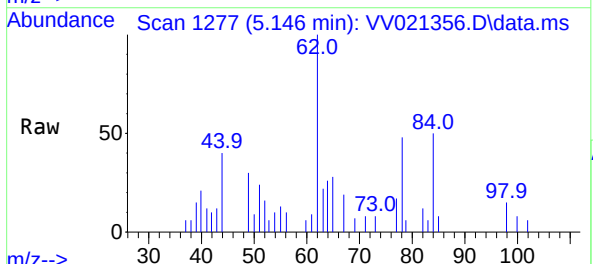
Instrument :
MSVOA_V
ClientSampleId :
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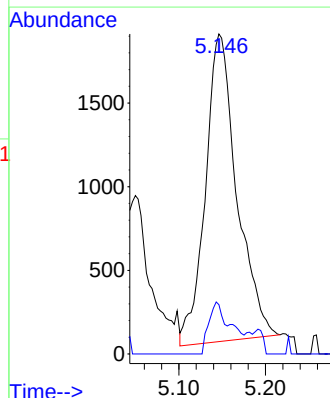
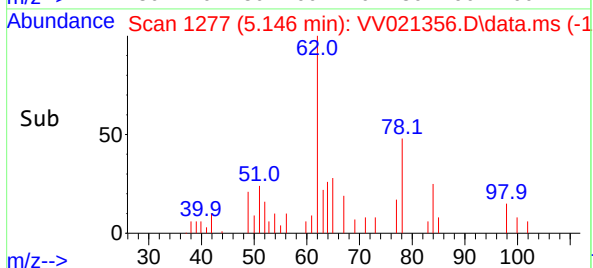
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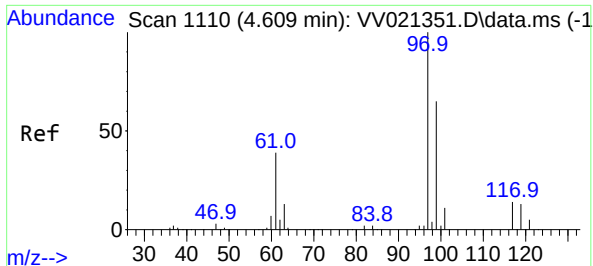


#27
1,2-Dichloroethane
Concen: 0.23 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.009 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



Tgt Ion: 62 Resp: 4635
Ion Ratio Lower Upper
62 100
98 15.4 8.0 12.0#





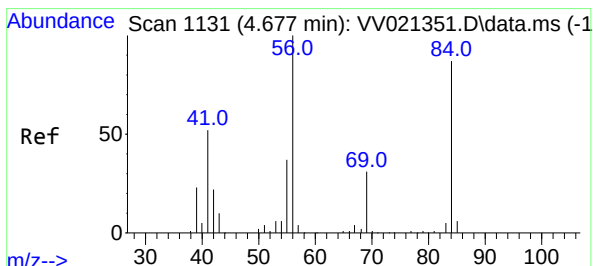
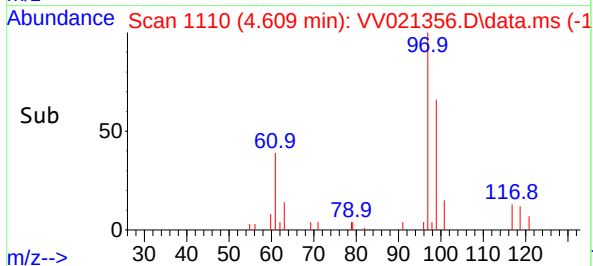
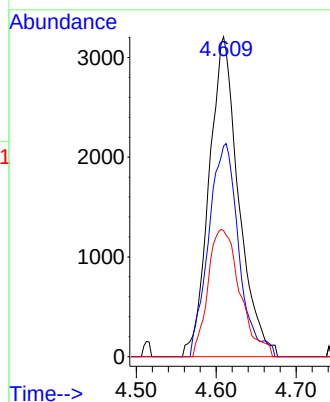
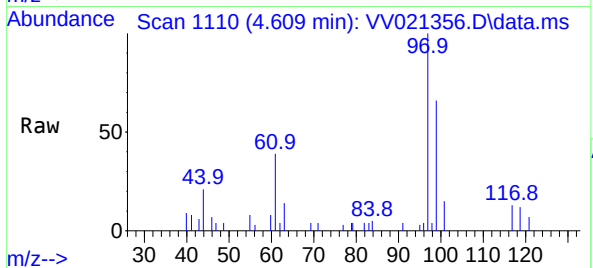
#29
1,1,1-Trichloroethane
Concen: 0.25 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	97	Resp:	8229
Ion	Ratio	Lower	Upper
97	100		
99	68.3	50.6	75.8
61	43.1	33.2	49.8

Instrument :
MSVOA_V
ClientSampleId :
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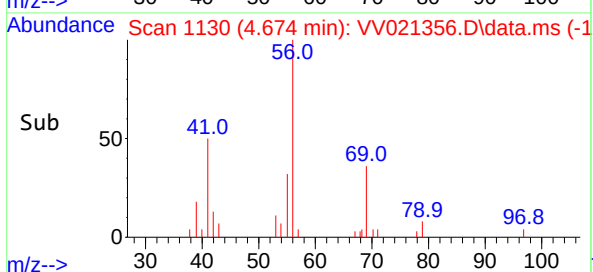
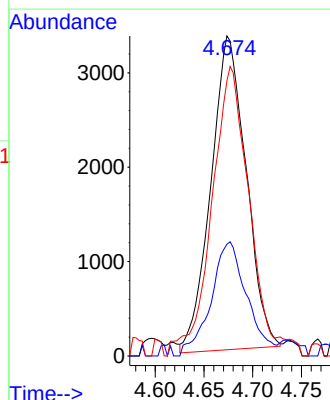
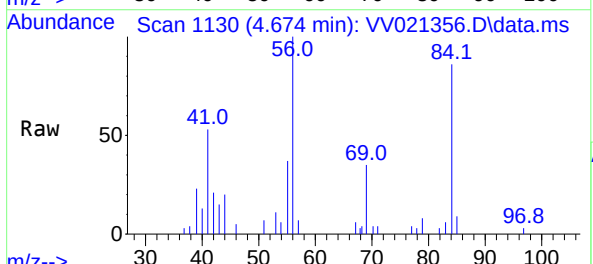
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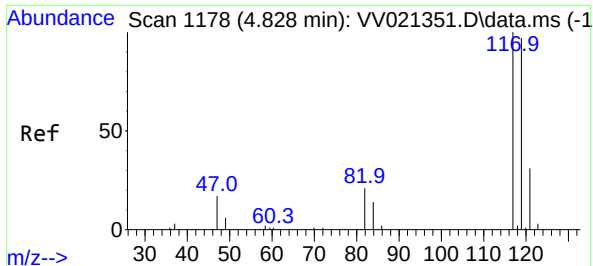
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#30
Cyclohexane
Concen: 0.26 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	56	Resp:	8359
Ion	Ratio	Lower	Upper
56	100		
69	37.3	25.4	38.0
84	98.8	73.5	110.3





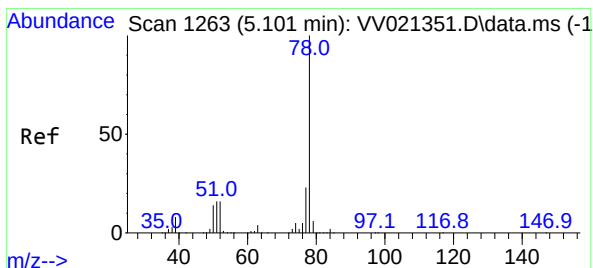
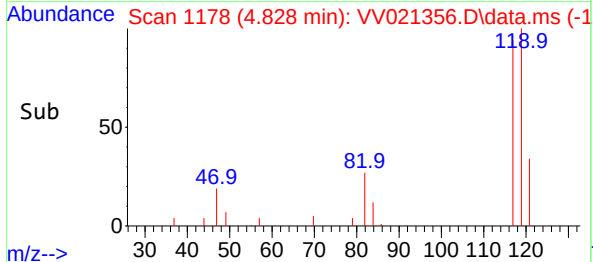
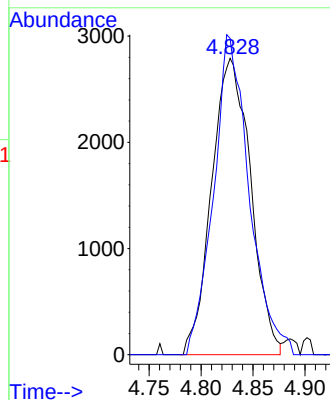
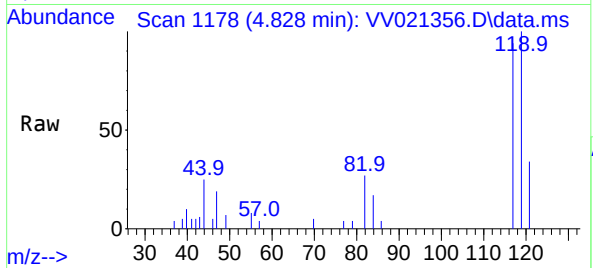
#31
Carbon tetrachloride
Concen: 0.25 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 117 Resp: 7284
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.2

Instrument :
MSVOA_V
ClientSampleId :
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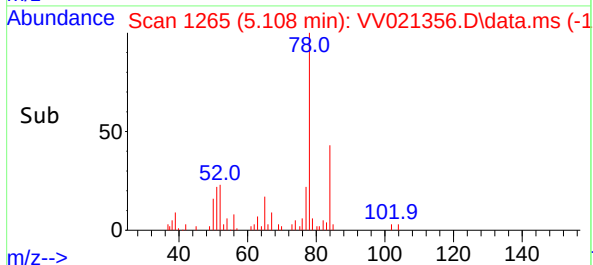
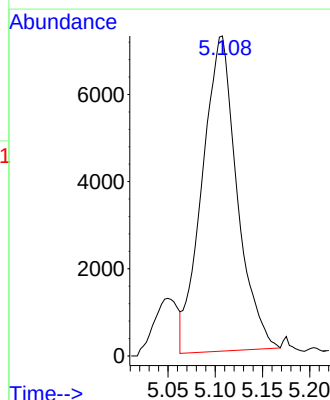
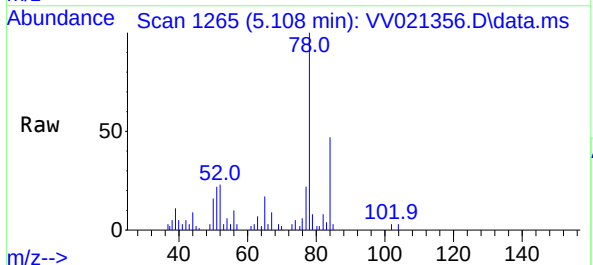
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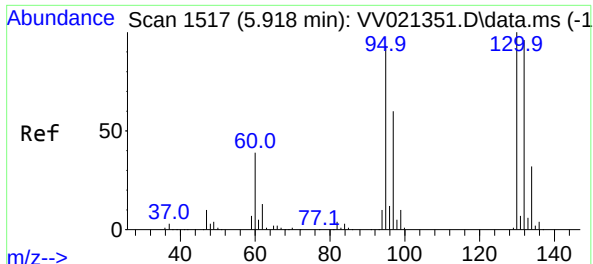
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#33
Benzene
Concen: 0.24 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 78 Resp: 18530





#34
Trichloroethene
Concen: 0.31 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

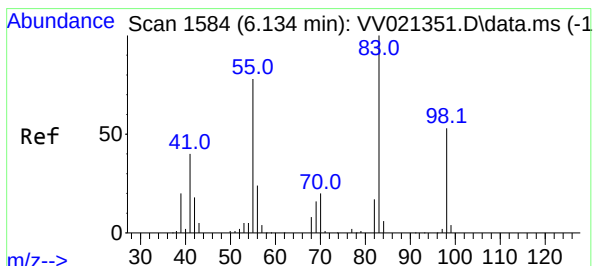
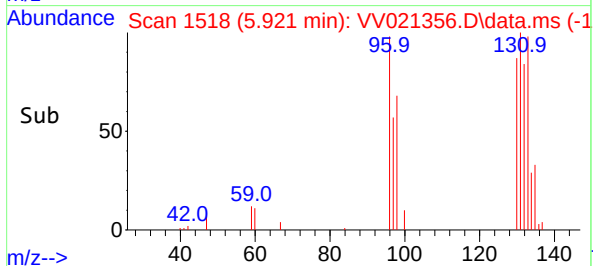
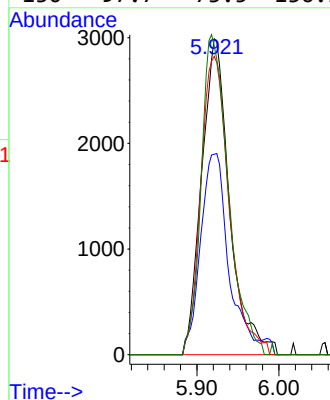
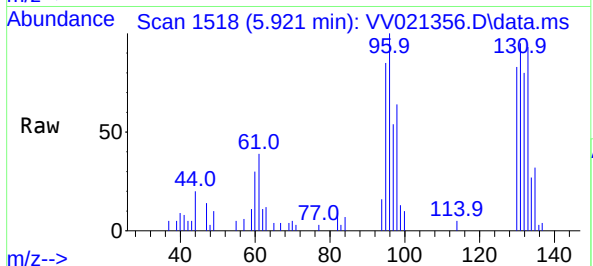
Tgt Ion: 95 Resp: 7080

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.1	83.9
132	94.5	71.5	132.9
130	97.7	73.5	136.5

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

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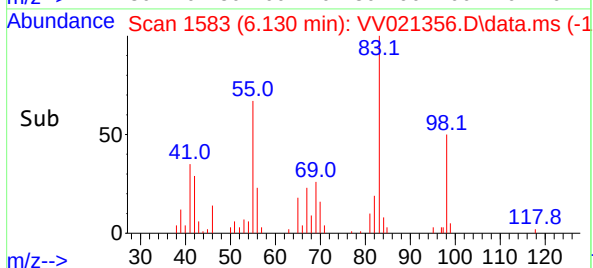
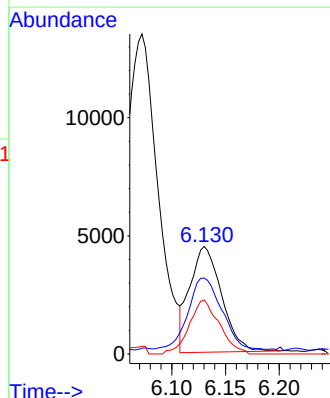
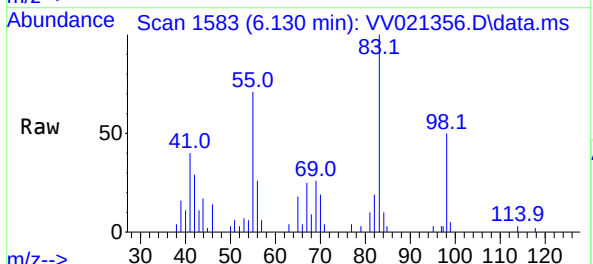
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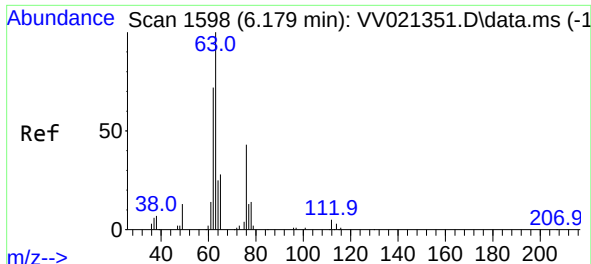


#35
Methylcyclohexane
Concen: 0.26 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 83 Resp: 9172

Ion	Ratio	Lower	Upper
83	100		
55	70.8	59.1	88.7
98	48.5	40.1	60.1





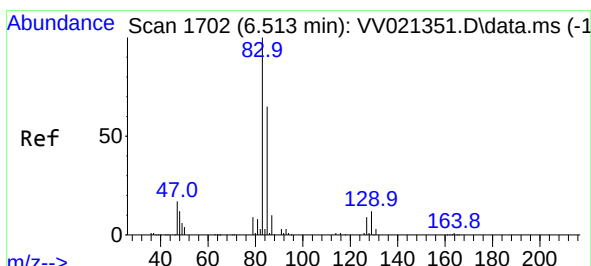
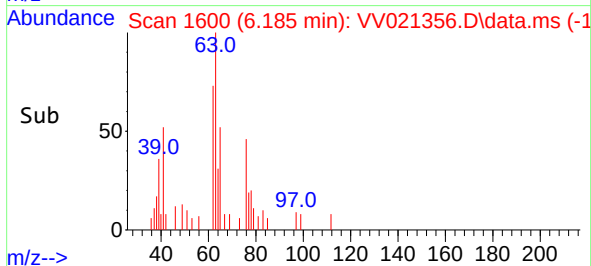
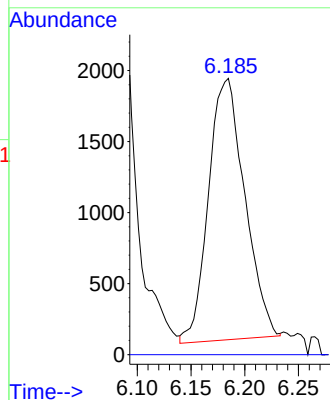
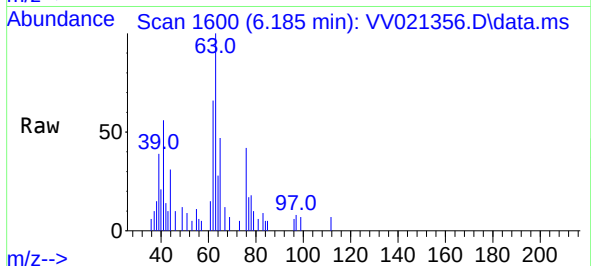
#37
1,2-Dichloropropane
Concen: 0.23 ug/L
RT: 6.185 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 63 Resp: 4324
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

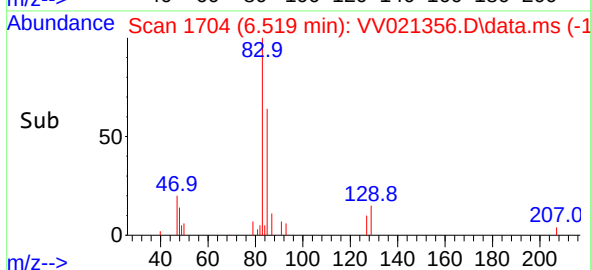
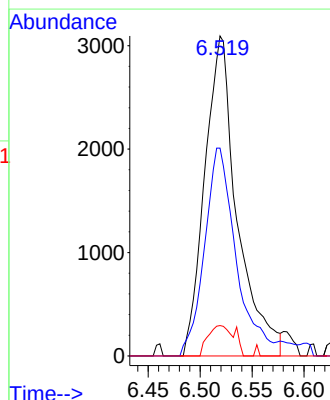
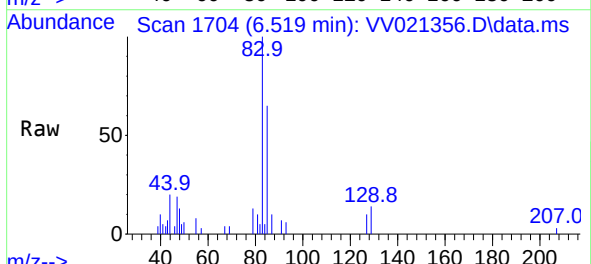
Manual Integrations
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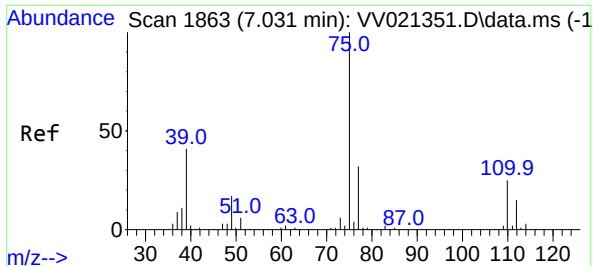
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5/25/2021 6:40:22 PM



#38
Bromodichloromethane
Concen: 0.26 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 83 Resp: 6693
Ion Ratio Lower Upper
83 100
85 64.9 43.0 79.8
127 9.5 7.0 10.6





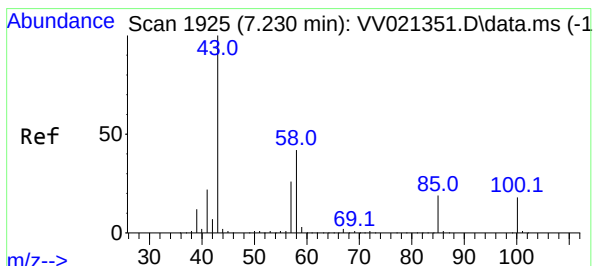
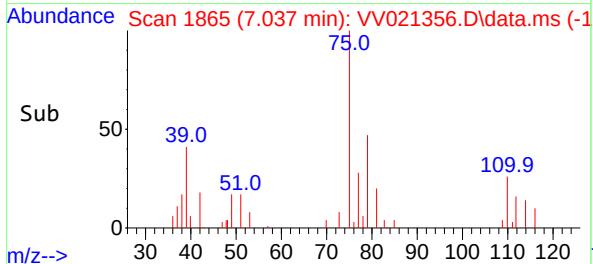
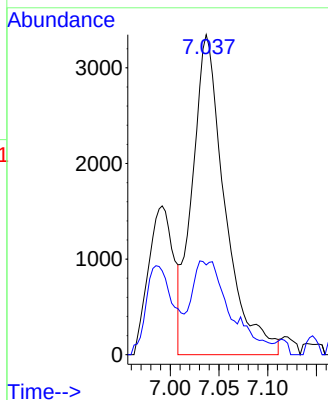
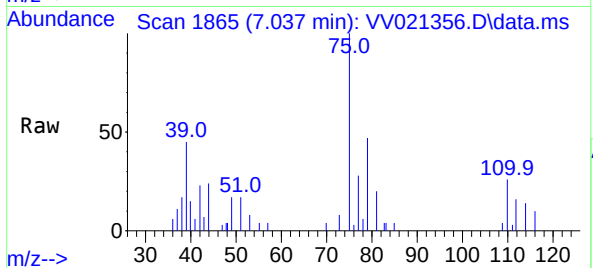
#39
cis-1,3-Dichloropropene
Concen: 0.26 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 75 Resp: 7779
Ion Ratio Lower Upper
75 100
77 28.1 22.5 41.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

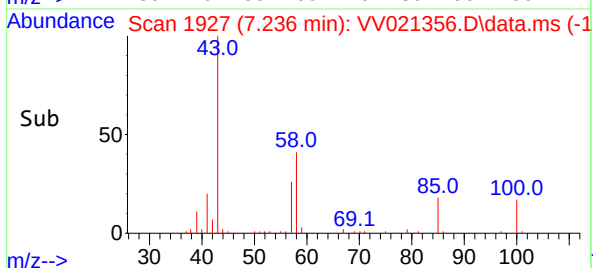
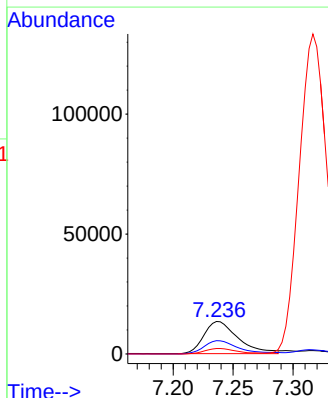
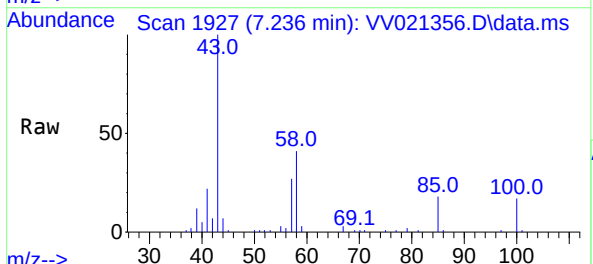
Manual Integrations
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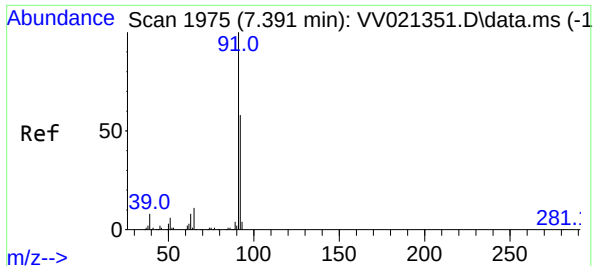
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5/25/2021 6:40:22 PM



#40
4-Methyl-2-pentanone
Concen: 2.27 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 43 Resp: 26742
Ion Ratio Lower Upper
43 100
58 42.1 34.1 51.1
100 0.0 14.6 21.8#





#42

Toluene

Concen: 0.31 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.003 min

Lab File: VV021356.D

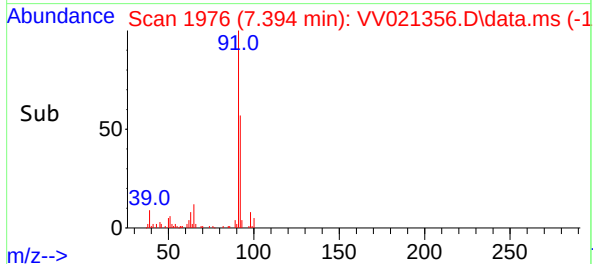
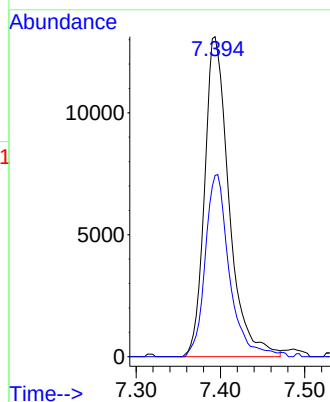
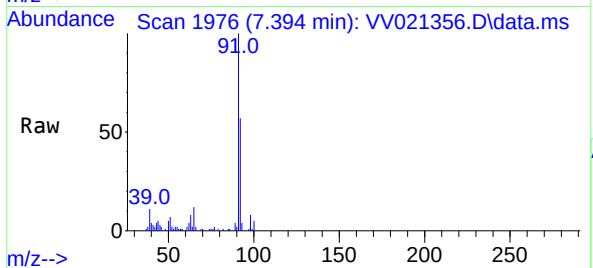
Acq: 21 May 2021 14:05

Tgt Ion: 91 Resp: 26468

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.1

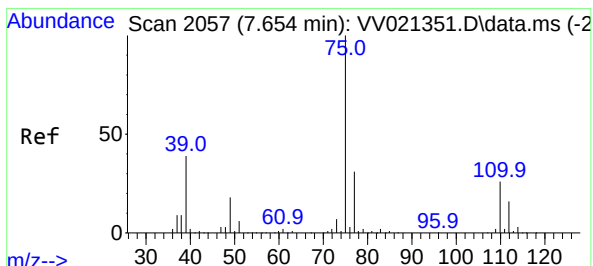


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

Manual Integrations
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#44

trans-1,3-Dichloropropene

Concen: 0.29 ug/L

RT: 7.664 min Scan# 2060

Delta R.T. 0.009 min

Lab File: VV021356.D

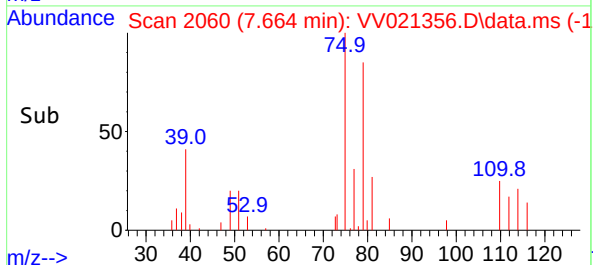
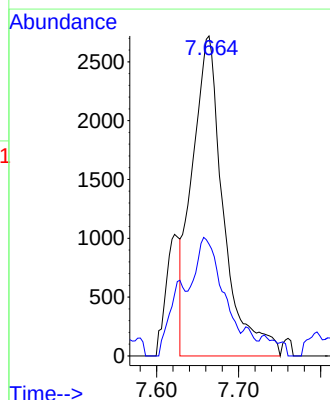
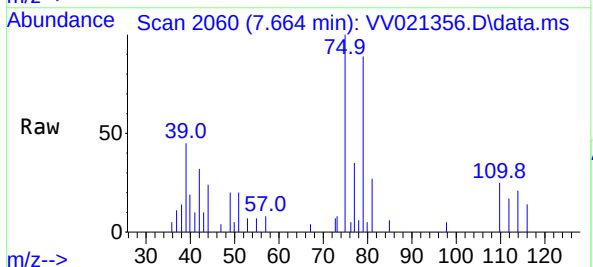
Acq: 21 May 2021 14:05

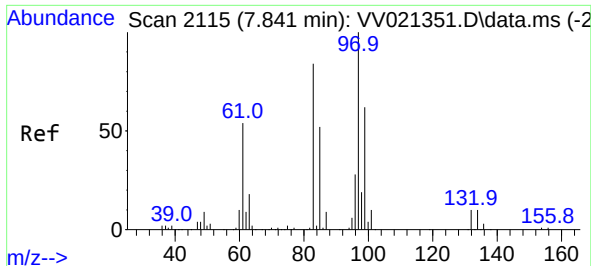
Tgt Ion: 75 Resp: 7223

Ion Ratio Lower Upper

75 100

77 34.9 22.9 42.5





#45
1,1,2-Trichloroethane
Concen: 0.26 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.009 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

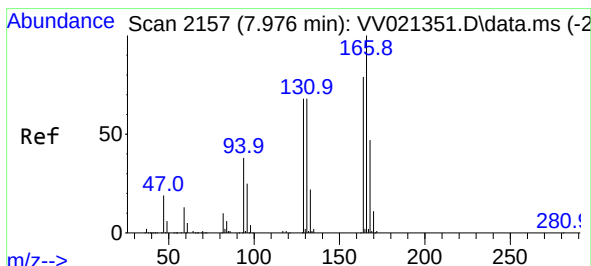
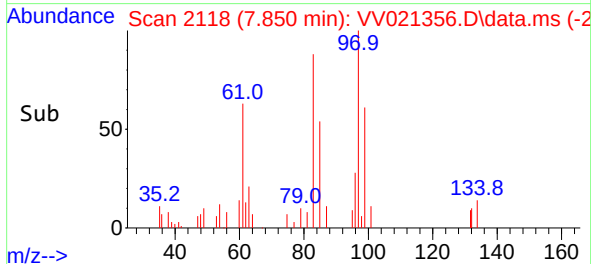
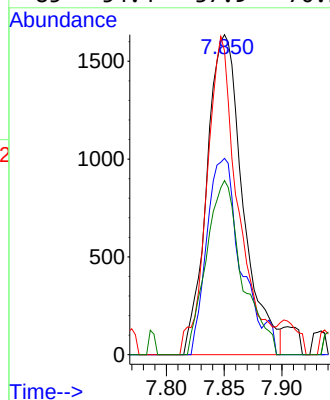
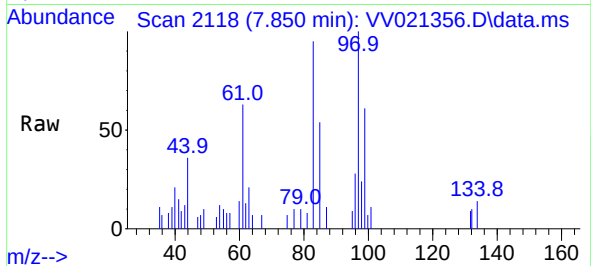
Tgt Ion: 97 Resp: 3554

Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	94.9	59.4	110.4
85	54.4	37.9	70.5

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

Manual Integrations
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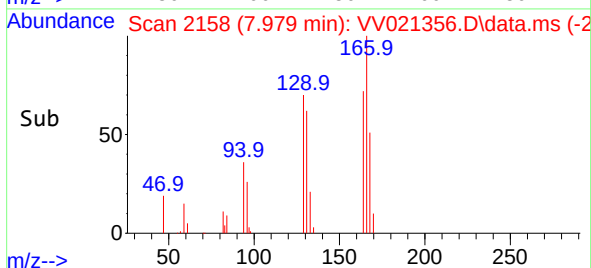
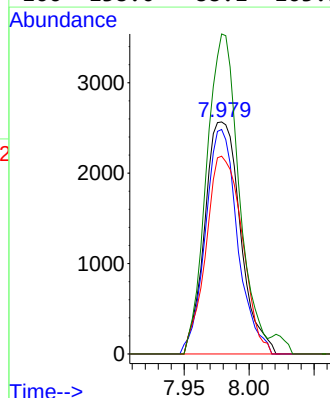
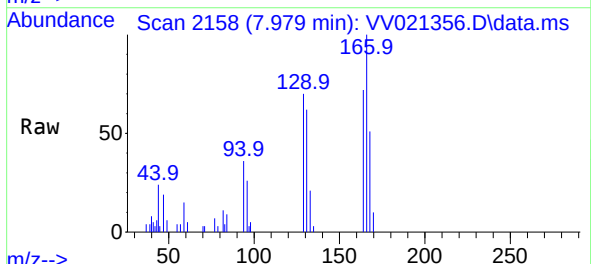
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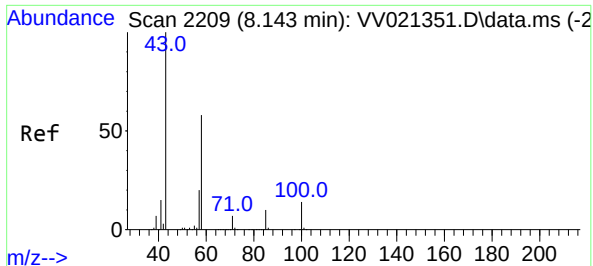


#47
Tetrachloroethene
Concen: 0.26 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 164 Resp: 4883

Ion	Ratio	Lower	Upper
164	100		
129	96.8	65.0	120.6
131	85.3	61.8	114.8
166	138.0	88.1	163.5





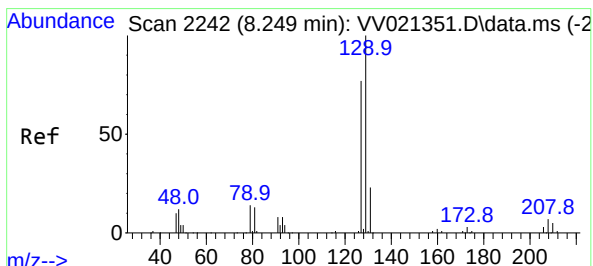
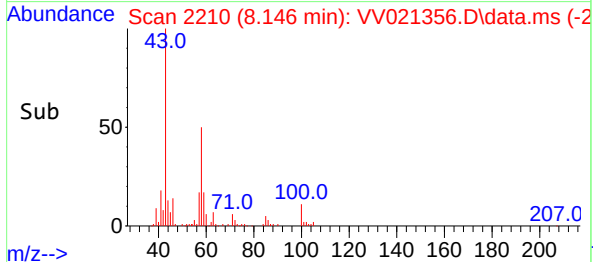
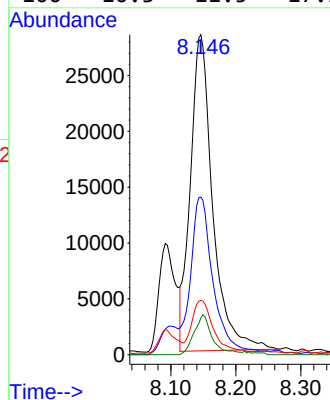
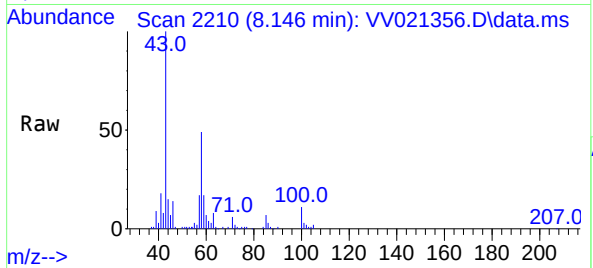
#48
2-Hexanone
Concen: 7.97 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 43 Resp: 67933
Ion Ratio Lower Upper
43 100
58 48.6 47.8 71.8
57 16.5 16.6 24.8#
100 10.3 11.5 17.3#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

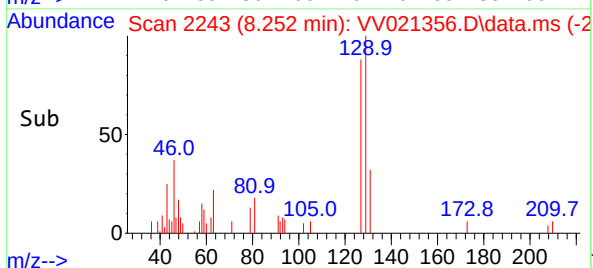
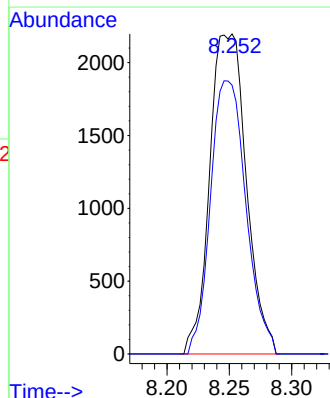
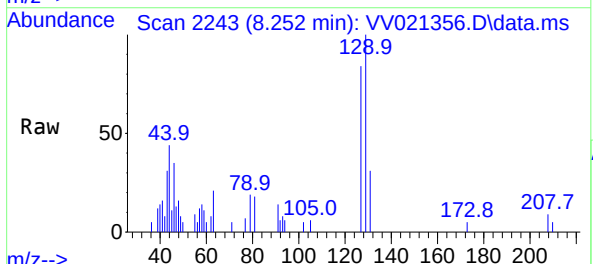
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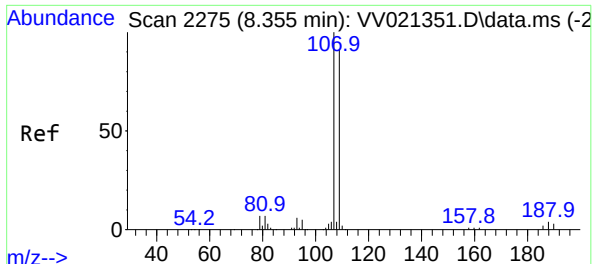
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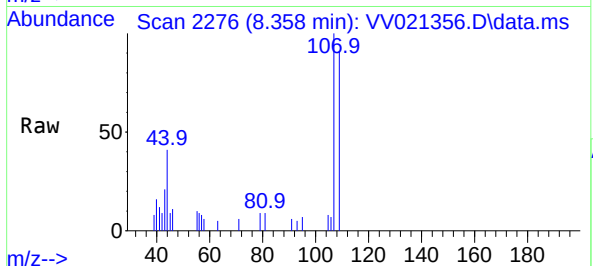
#49
Dibromochloromethane
Concen: 0.24 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion: 129 Resp: 4501
Ion Ratio Lower Upper
129 100
127 84.0 53.6 99.6

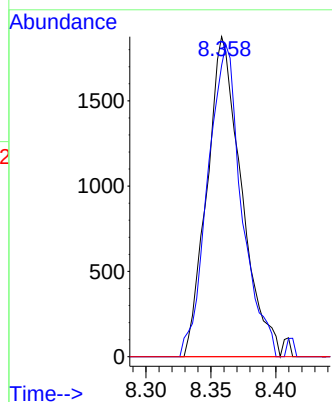




#50
1,2-Dibromoethane
Concen: 0.26 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



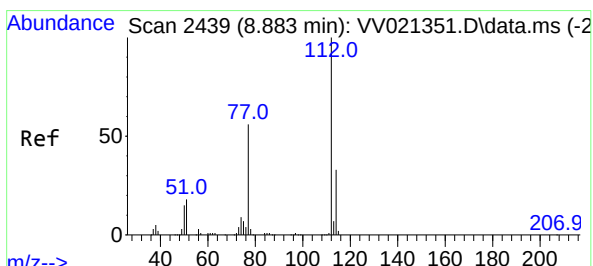
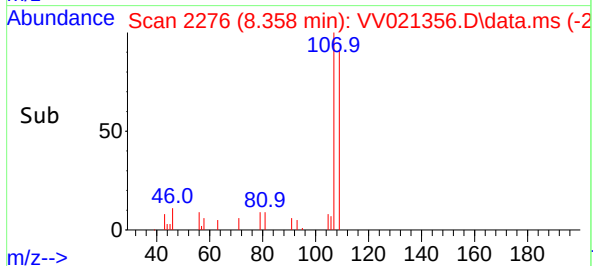
Tgt Ion:107 Resp: 3455
Ion Ratio Lower Upper
107 100
109 91.0 66.6 123.8
188 0.0 3.3 4.9#



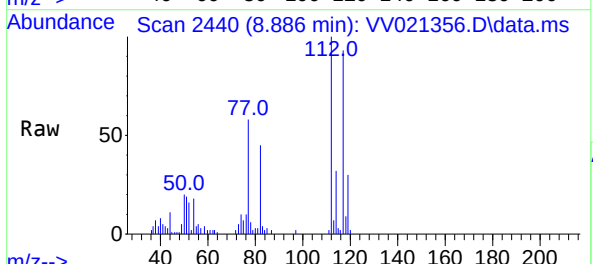
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

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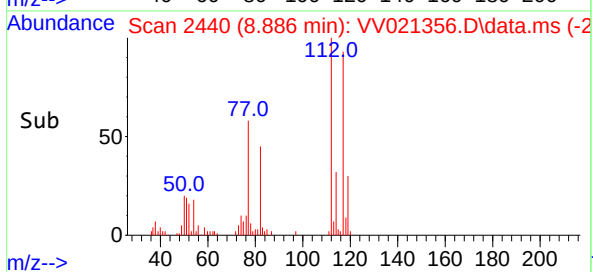
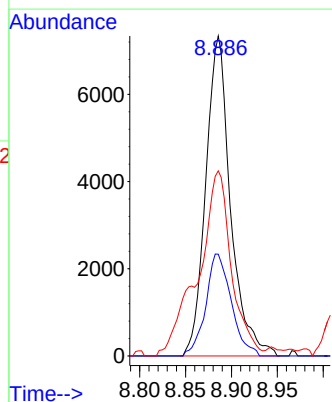
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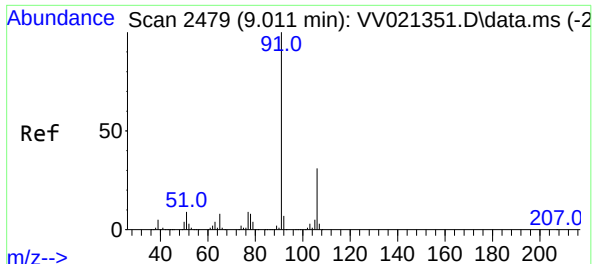


#51
Chlorobenzene
Concen: 0.25 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

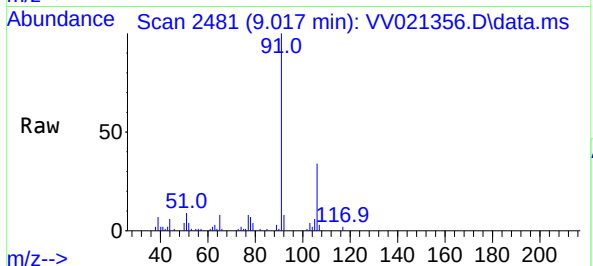


Tgt Ion:112 Resp: 13793
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 57.8 45.0 67.4

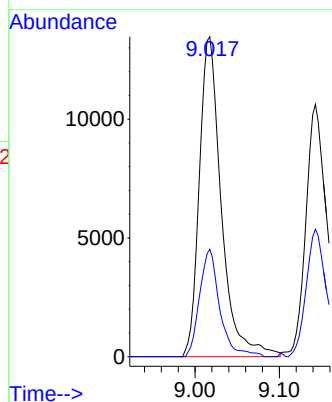




#52
Ethylbenzene
Concen: 0.26 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



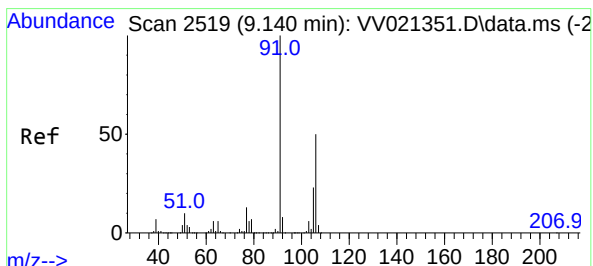
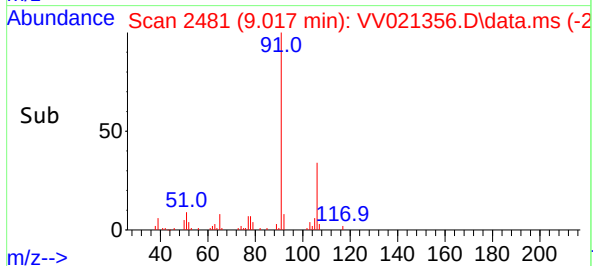
Tgt Ion: 91 Resp: 24483
Ion Ratio Lower Upper
91 100
106 33.6 21.6 40.2



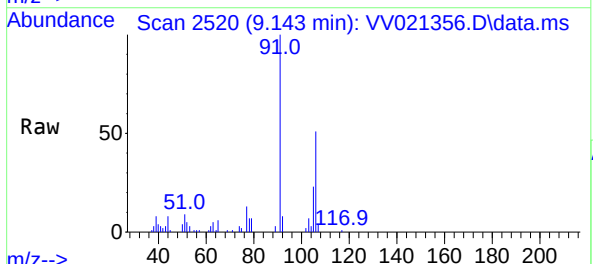
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

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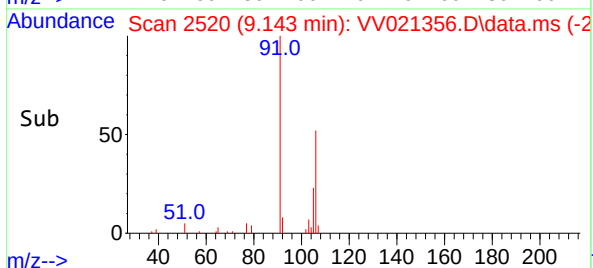
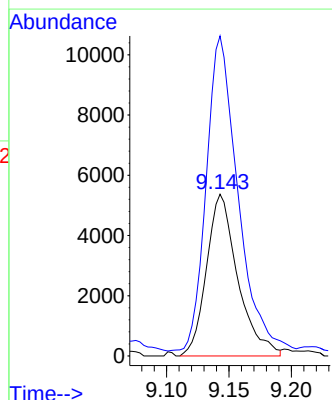
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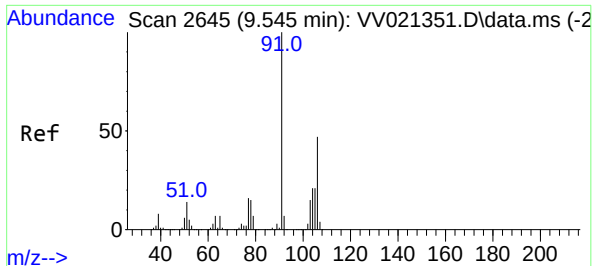


#53
m,p-xylene
Concen: 0.26 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



Tgt Ion: 106 Resp: 9391
Ion Ratio Lower Upper
106 100
91 197.9 141.3 262.3





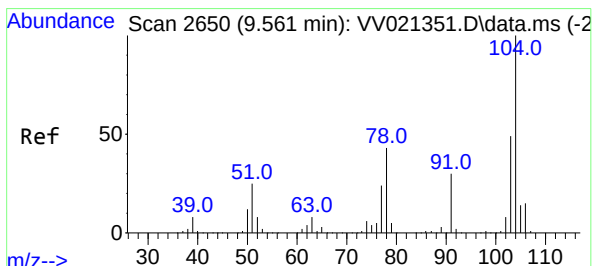
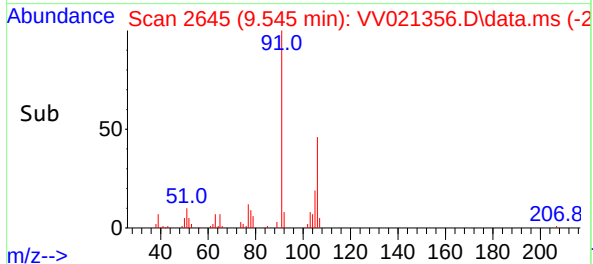
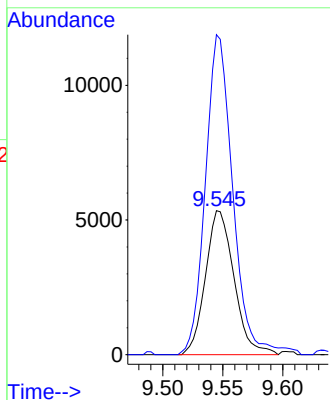
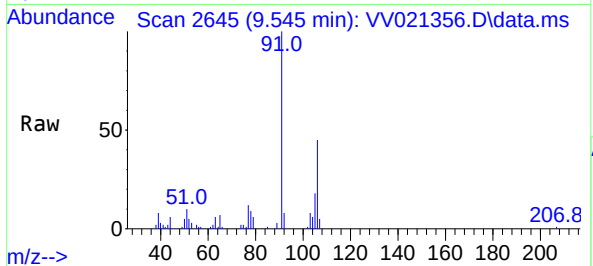
#54
o-xylene
Concen: 0.25 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:106 Resp: 8870
Ion Ratio Lower Upper
106 100
91 222.3 149.5 277.7

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

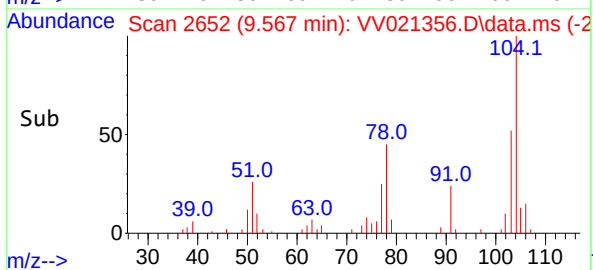
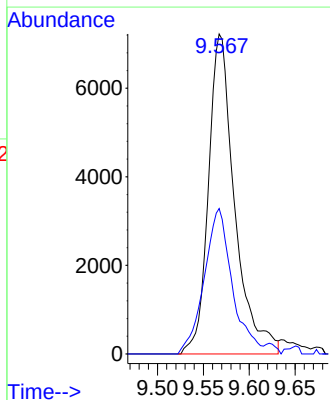
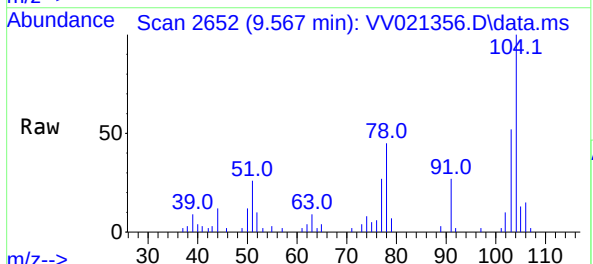
Manual Integrations
APPROVED

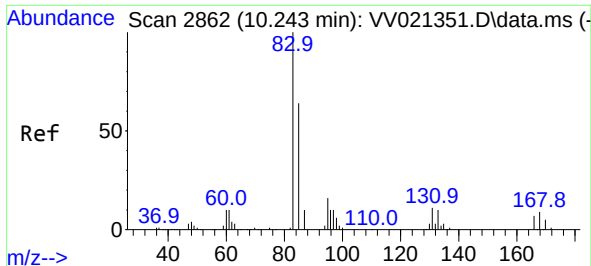
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#55
Styrene
Concen: 0.24 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:104 Resp: 14378
Ion Ratio Lower Upper
104 100
78 45.5 31.9 59.2





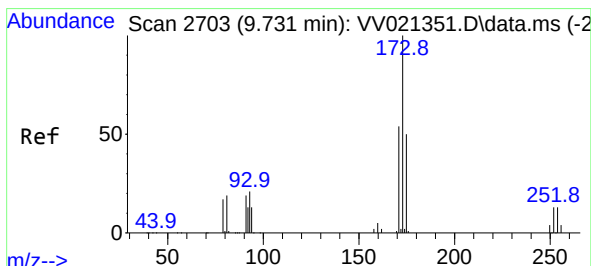
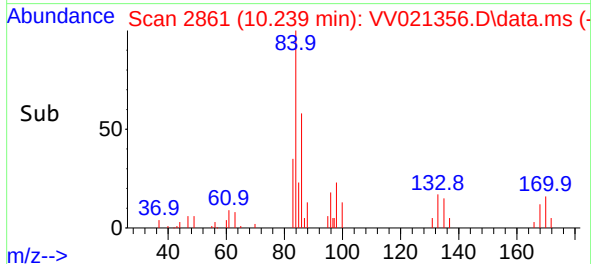
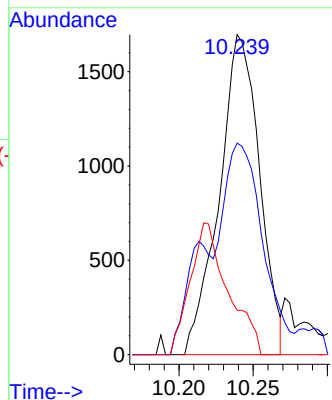
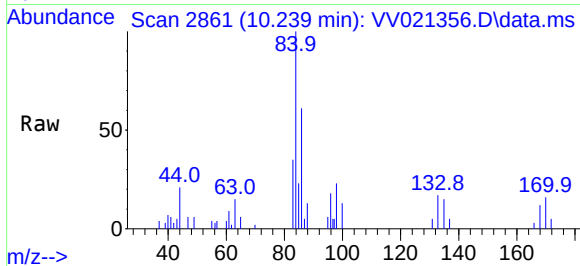
#57
1,1,2,2-Tetrachloroethane
Concen: 0.26 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	83	Resp:	3205
Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.6	82.8
131	13.9	8.4	12.6#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

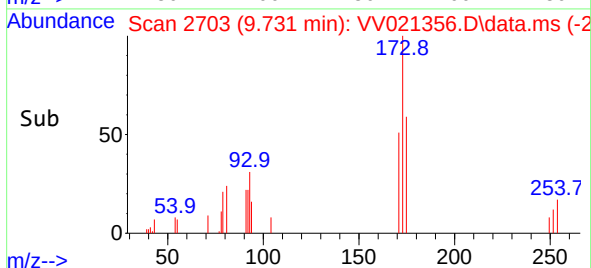
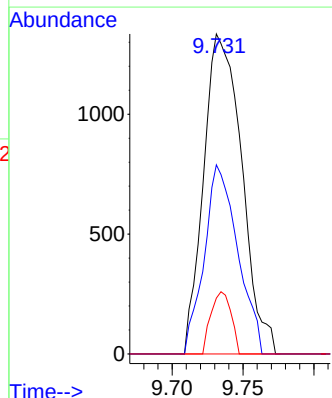
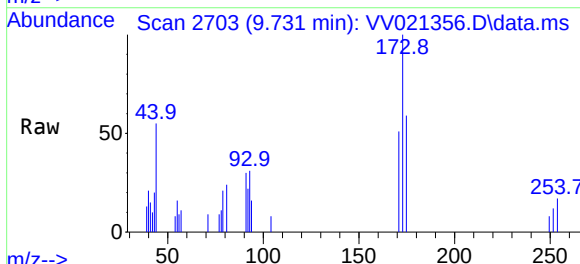
Manual Integrations
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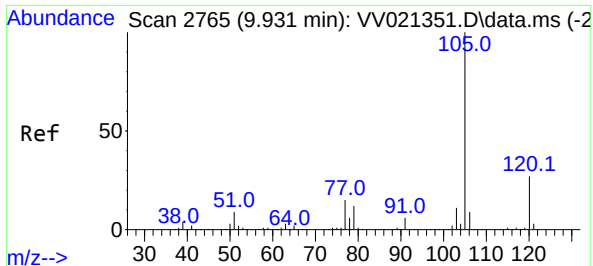
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5/25/2021 6:40:22 PM



#59
Bromoform
Concen: 0.22 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	173	Resp:	2495
Ion	Ratio	Lower	Upper
173	100		
175	51.8	38.9	58.3
254	10.3	8.3	12.5





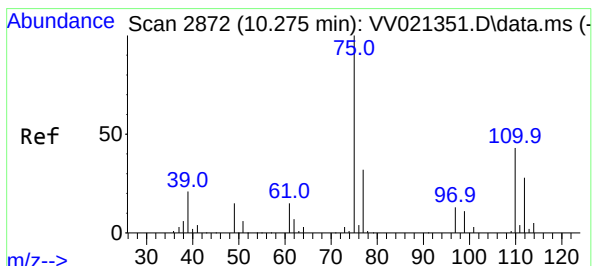
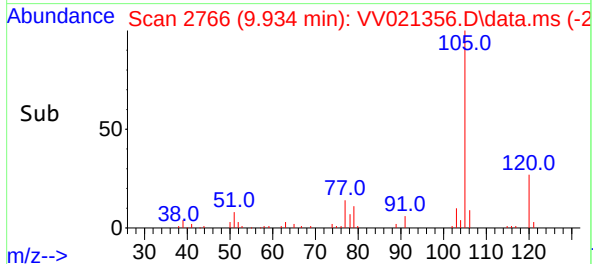
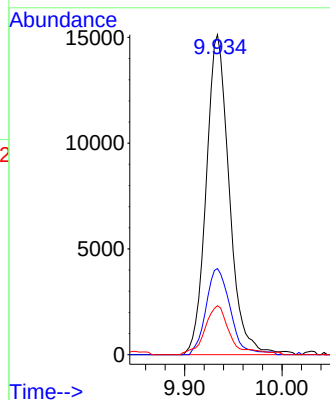
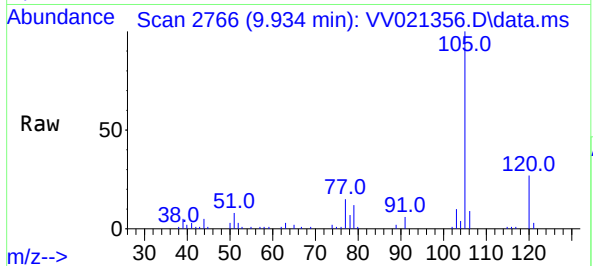
#60
Isopropylbenzene
Concen: 0.26 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	105	Resp:	24826
Ion Ratio	Lower	Upper	
105	100		
120	28.4	21.7	32.5
77	16.5	12.3	18.5

Instrument :
MSVOA_V
ClientSampleId :
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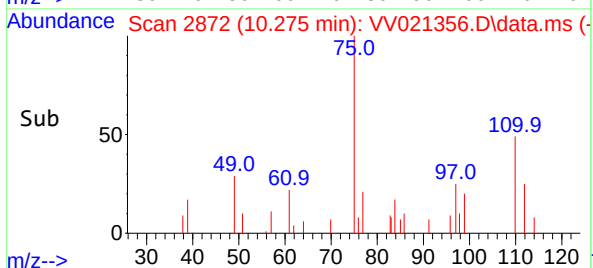
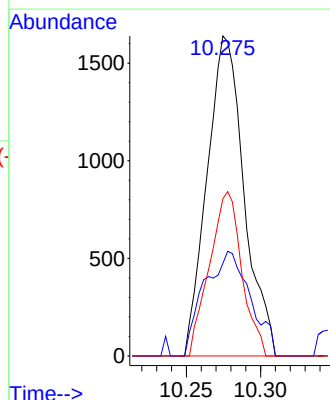
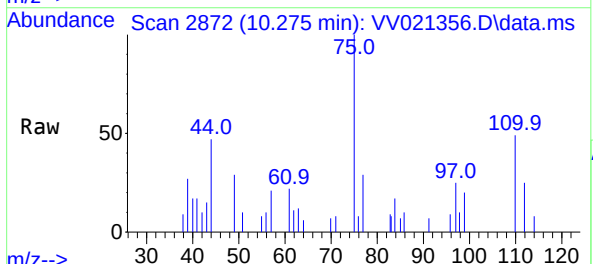
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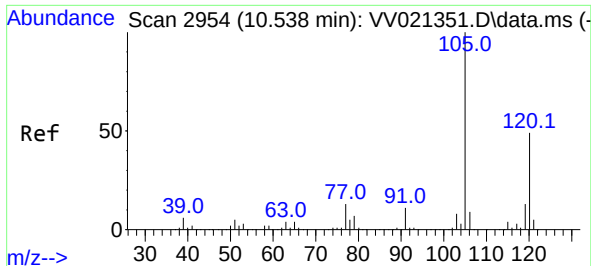
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#61
1,2,3-Trichloropropane
Concen: 0.26 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	75	Resp:	2841
Ion Ratio	Lower	Upper	
75	100		
77	40.7	26.1	39.1#
110	44.8	33.2	49.8





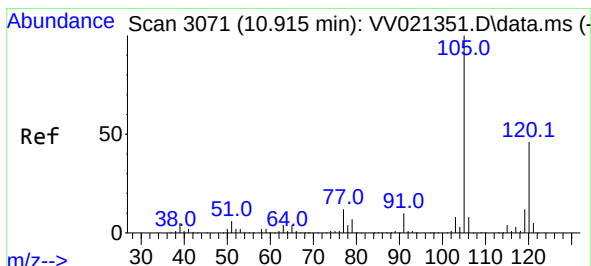
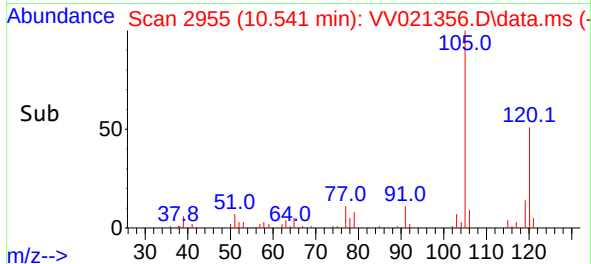
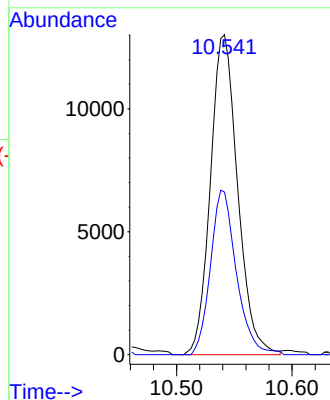
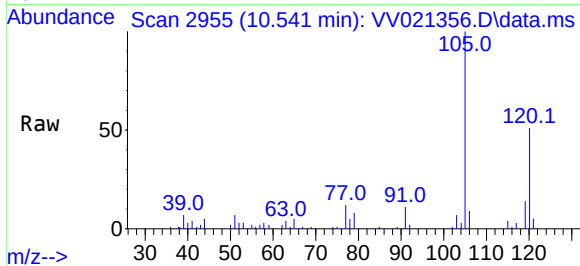
#62
1,3,5-Trimethylbenzene
Concen: 0.26 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:105 Resp: 21310
Ion Ratio Lower Upper
105 100
120 48.9 39.4 59.0

Instrument :
MSVOA_V
ClientSampleId :
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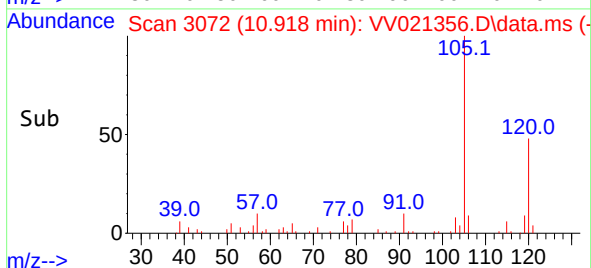
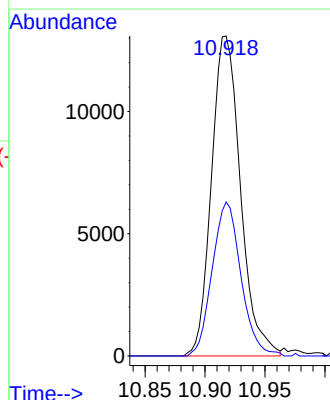
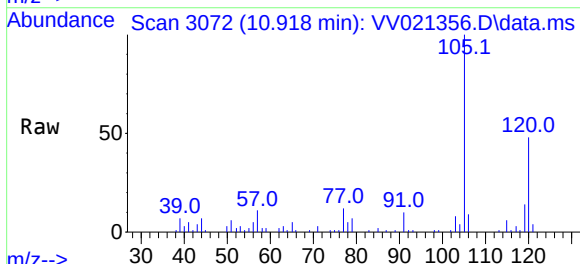
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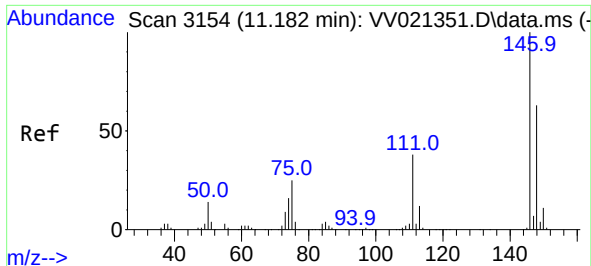
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#63
1,2,4-Trimethylbenzene
Concen: 0.26 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:105 Resp: 22030
Ion Ratio Lower Upper
105 100
120 47.5 36.7 55.1





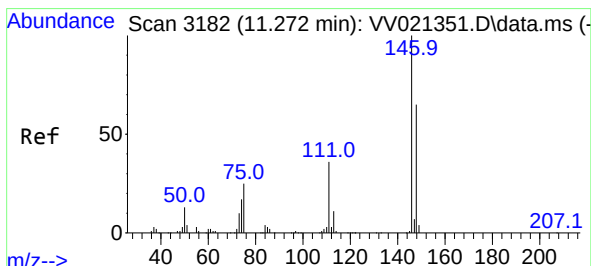
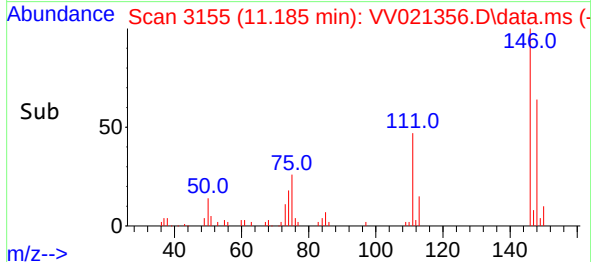
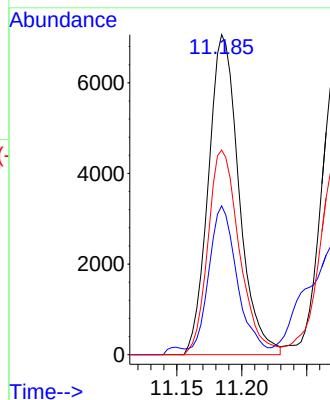
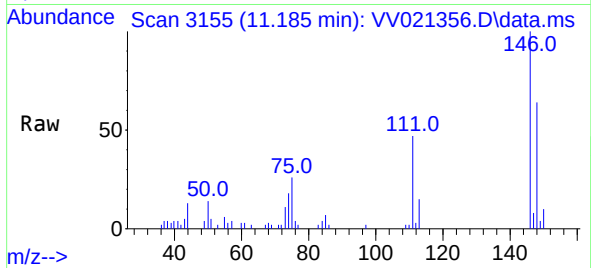
#64
1,3-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:146	Resp:	11605
Ion Ratio	Lower	Upper
146	100	
111	46.5	26.8 49.8
148	64.0	44.6 82.8

Instrument :
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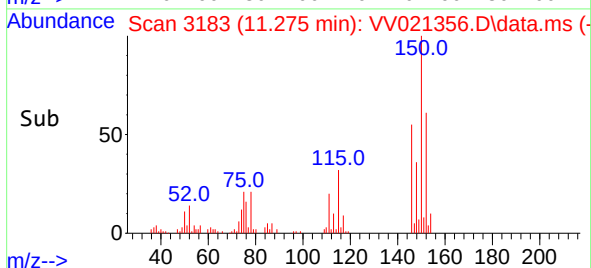
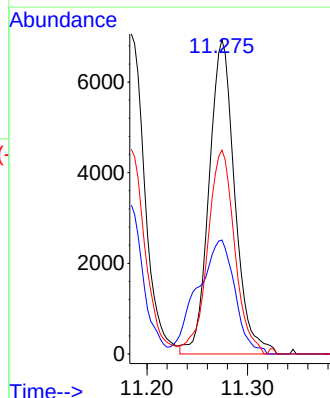
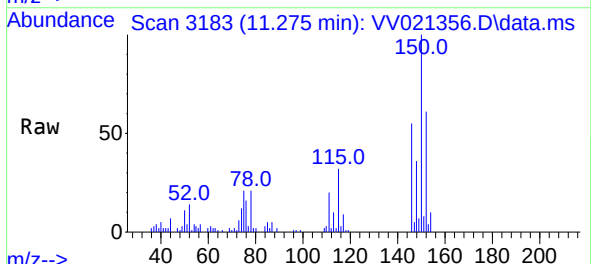
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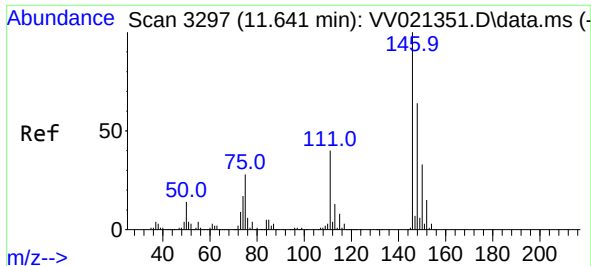
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#65
1,4-Dichlorobenzene
Concen: 0.27 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:146	Resp:	12312
Ion Ratio	Lower	Upper
146	100	
111	36.3	25.8 47.8
148	64.9	43.9 81.5





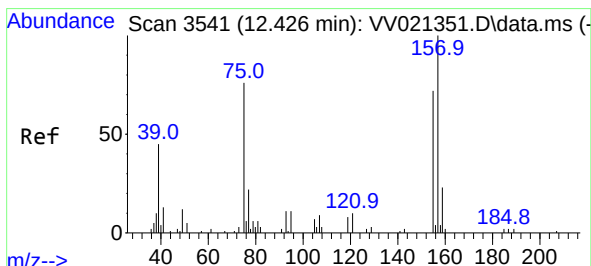
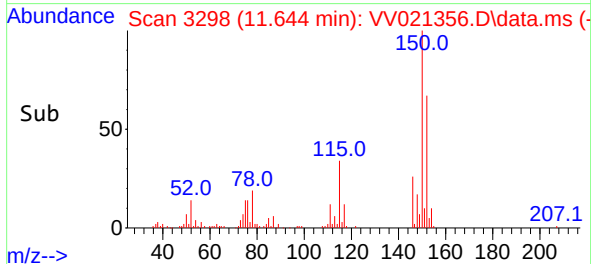
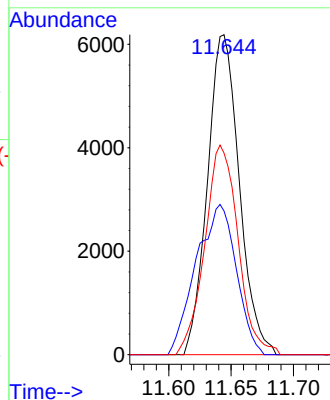
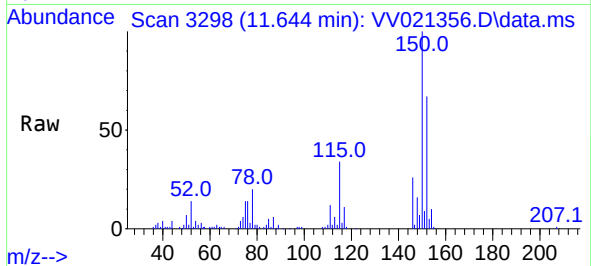
#67
1,2-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	146	Resp:	11014
Ion	Ratio	Lower	Upper
146	100		
111	44.9	32.6	49.0
148	63.0	50.8	76.2

Instrument :
MSVOA_V
ClientSampleId :
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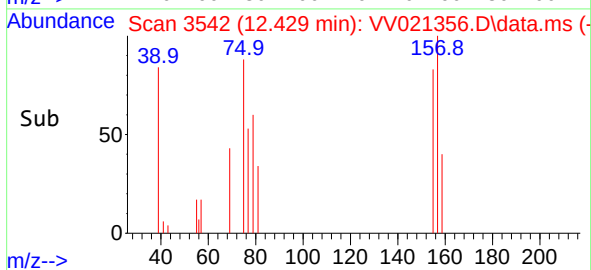
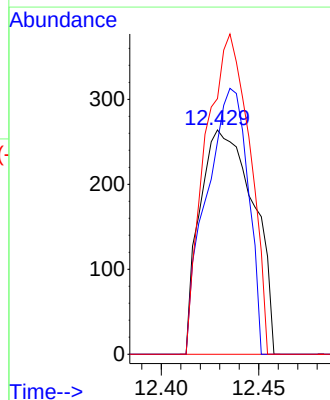
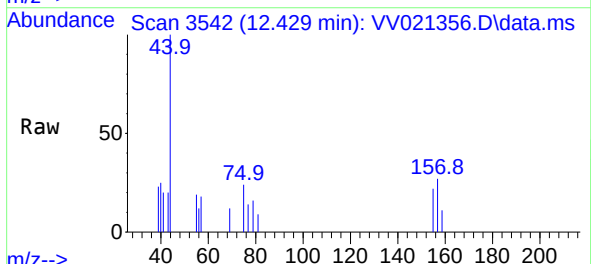
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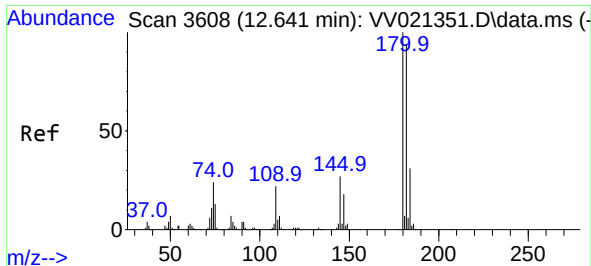
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#68
1,2-Dibromo-3-chloropropane
Concen: 0.23 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	75	Resp:	505
Ion	Ratio	Lower	Upper
75	100		
155	94.7	72.8	109.2
157	114.0	94.7	142.1





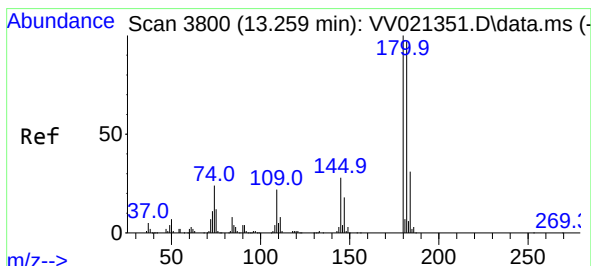
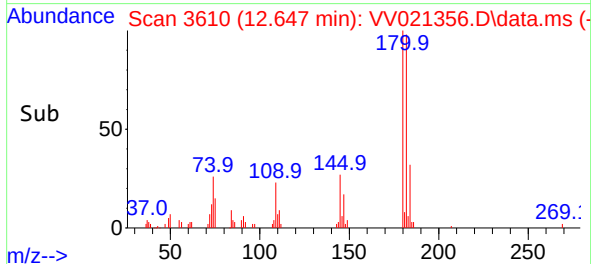
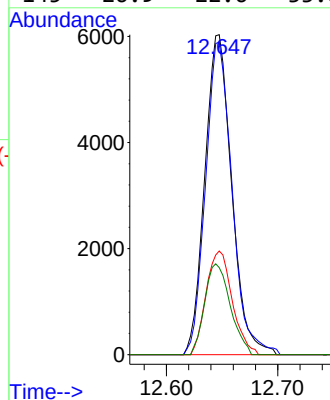
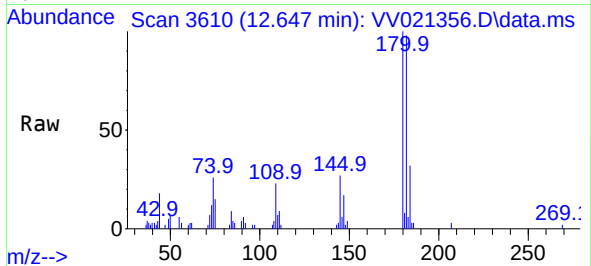
#69
1,3,5-Trichlorobenzene
Concen: 0.25 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	180	Resp:	10120
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.6	113.4
184	31.6	24.4	36.6
145	26.9	22.6	33.8

Instrument :
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ClientSampleId :
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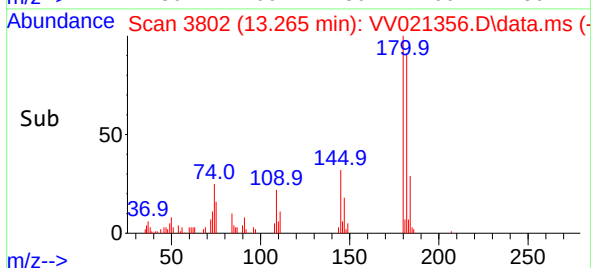
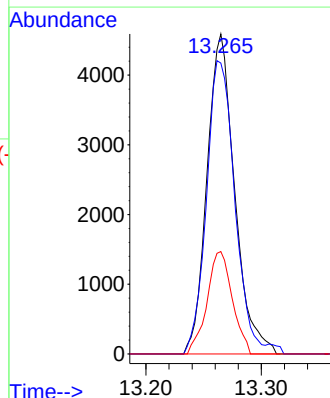
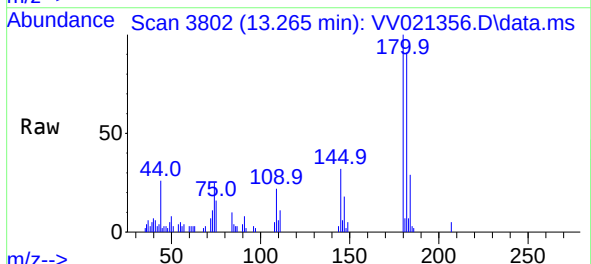
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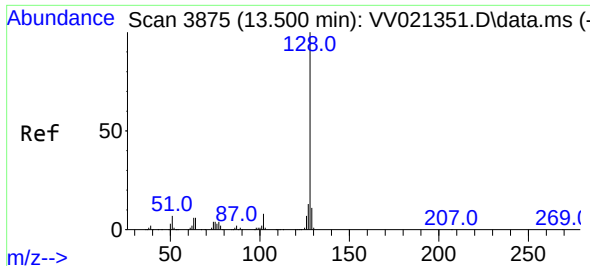
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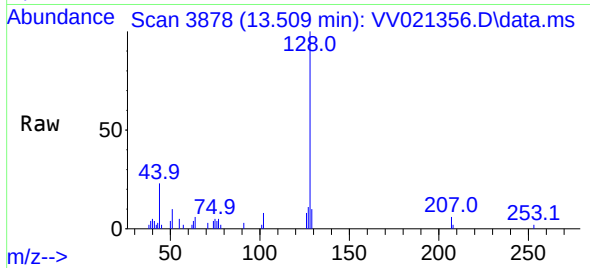
#70
1,2,4-trichlorobenzene
Concen: 0.24 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05

Tgt Ion:	180	Resp:	7641
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.7	113.5
145	29.2	23.0	34.4

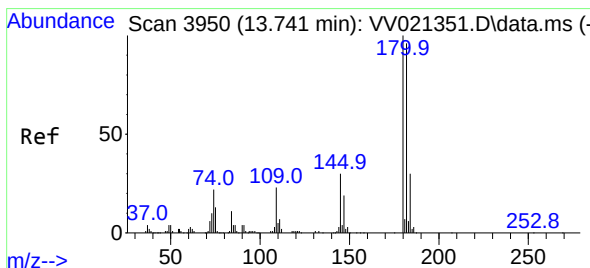
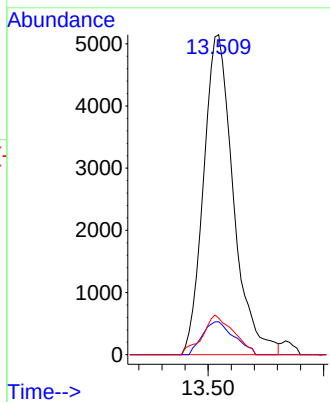
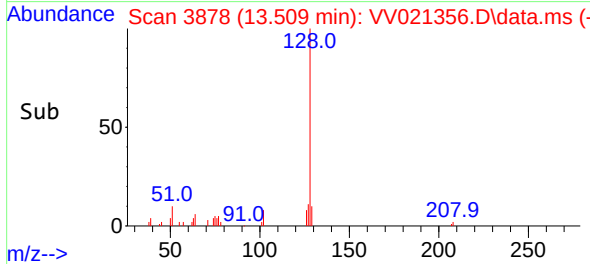




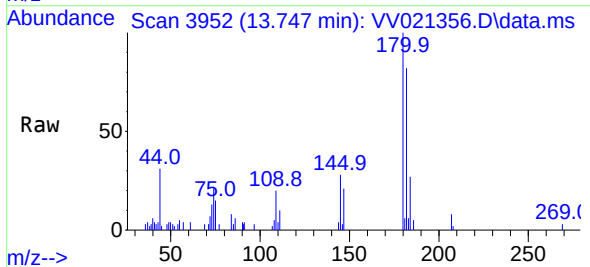
#71
Naphthalene
Concen: 0.22 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.009 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



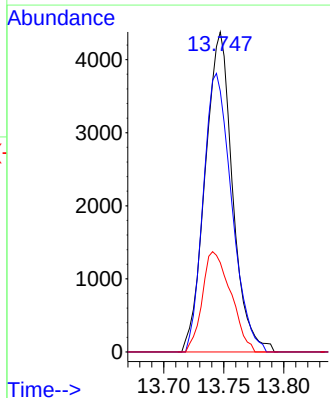
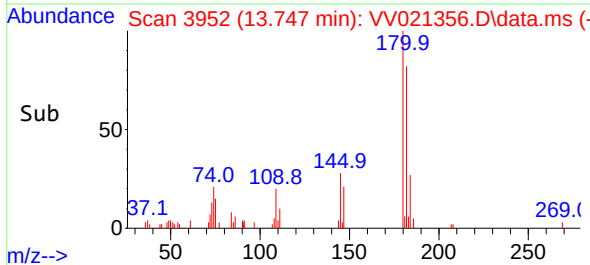
Tgt Ion:128 Resp: 9223
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.25 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV021356.D
Acq: 21 May 2021 14:05



Tgt Ion:180 Resp: 6944
Ion Ratio Lower Upper
180 100
182 90.4 75.9 113.9
145 32.7 24.6 37.0



Instrument :
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ClientSampleId :
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