

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021374.D
 Acq On : 21 May 2021 21:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:41:51 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	271392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	252971	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142385	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80409	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.564	69	67154	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.108	63	134099	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	3.911	46	274966	58.12	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.24%
24) Chloroform-d	4.352	84	174918	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.037	65	85289	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.053	84	348835	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.072	67	110339	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.316	98	329115	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloroprop...	7.625	79	45016	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.091	63	201074	57.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.36%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	75492	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	139254	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	99176	4.86	ug/L	99
3) Chloromethane	1.240	50	87453	4.71	ug/L	100
5) Vinyl chloride	1.307	62	92381	4.94	ug/L	99
6) Bromomethane	1.519	94	59662	4.83	ug/L	96
8) Chloroethane	1.584	64	53499	4.82	ug/L	94
9) Trichlorofluoromethane	1.751	101	132565	4.86	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	73953	4.76	ug/L	93
12) 1,1-Dichloroethene	2.114	96	71961	4.80	ug/L	87
13) Acetone	2.204	43	133881	52.30	ug/L	98
14) Carbon disulfide	2.291	76	248555	4.73	ug/L	100
15) Methyl Acetate	2.445	43	34368	5.77	ug/L	99
16) Methylene chloride	2.506	84	89521	4.19	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	221072	5.12	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	88978	4.85	ug/L	99
19) 1,1-Dichloroethane	3.191	63	158891	4.93	ug/L	99
21) 2-Butanone	3.992	43	242813	53.35	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	98479	4.91	ug/L	98
23) Bromochloromethane	4.252	128	45437	5.07	ug/L	99
25) Chloroform	4.381	83	163586	4.82	ug/L	98

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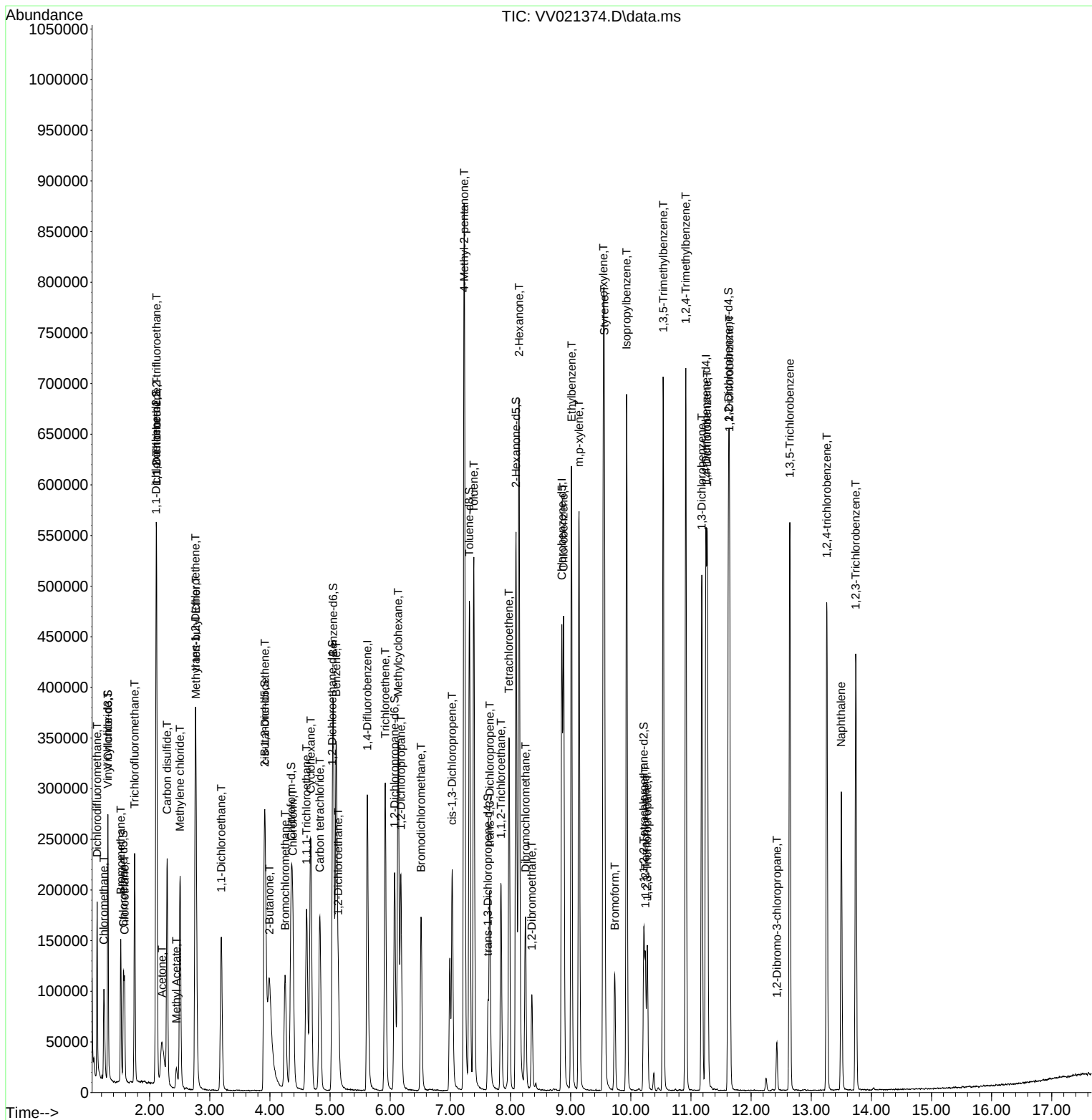
Instrument :
 MSVOA_V
 ClientSampleId :

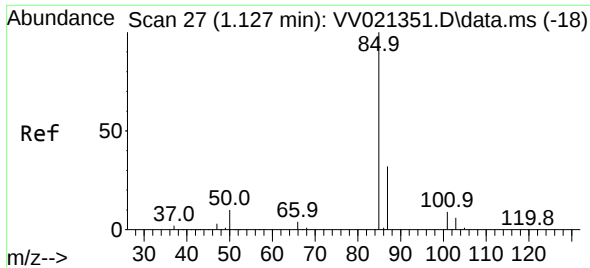
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.136	62	91840	4.92	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	149065	4.80	ug/L	97
30) Cyclohexane	4.677	56	148854	4.87	ug/L	97
31) Carbon tetrachloride	4.831	117	135949	4.90	ug/L	99
33) Benzene	5.101	78	352088	4.93	ug/L	100
34) Trichloroethene	5.918	95	103092	4.78	ug/L	95
35) Methylcyclohexane	6.133	83	153354	4.69	ug/L	99
37) 1,2-Dichloropropane	6.178	63	88713	5.04	ug/L	100
38) Bromodichloromethane	6.513	83	120830	5.03	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	138213	4.90	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	608960	54.98	ug/L	98
42) Toluene	7.390	91	390900	4.89	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	115277	4.84	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	67404	5.15	ug/L	98
47) Tetrachloroethene	7.976	164	85119	4.83	ug/L	97
48) 2-Hexanone	8.143	43	443117	55.19	ug/L	98
49) Dibromochloromethane	8.249	129	89621	5.09	ug/L	100
50) 1,2-Dibromoethane	8.355	107	64342	5.10	ug/L #	99
51) Chlorobenzene	8.882	112	254630	4.83	ug/L	99
52) Ethylbenzene	9.014	91	435474	4.90	ug/L	99
53) m,p-xylene	9.140	106	166885	4.89	ug/L	99
54) o-xylene	9.545	106	164448	4.93	ug/L	100
55) Styrene	9.561	104	279594	5.00	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	62745	5.31	ug/L	99
59) Bromoform	9.734	173	55920	5.22	ug/L	99
60) Isopropylbenzene	9.931	105	450872	4.92	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	57274	5.42	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	380302	4.86	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	395209	4.93	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	218552	4.96	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	216890	4.92	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	204365	5.02	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	11401	5.40	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	183373	4.81	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	153488	5.13	ug/L	98
71) Naphthalene	13.500	128	233759	5.73	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	138326	5.25	ug/L	99

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

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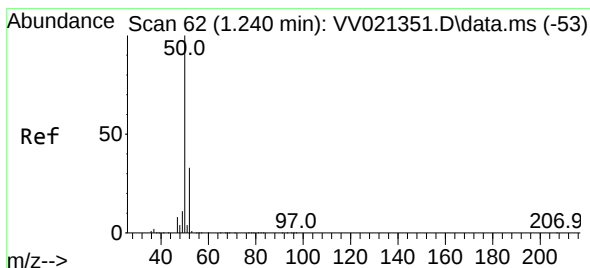
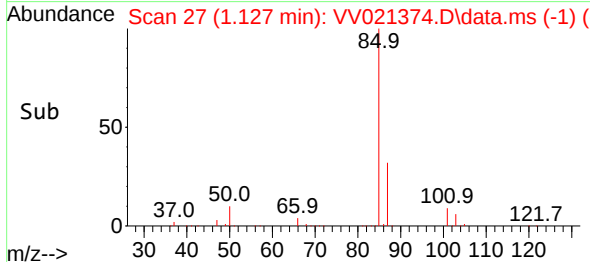
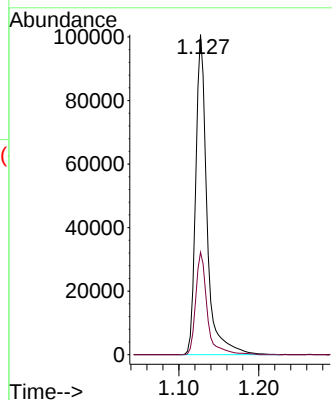
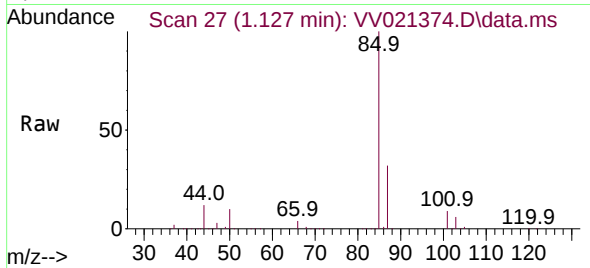




#2
 Dichlorodifluoromethane
 Concen: 4.86 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021374.D
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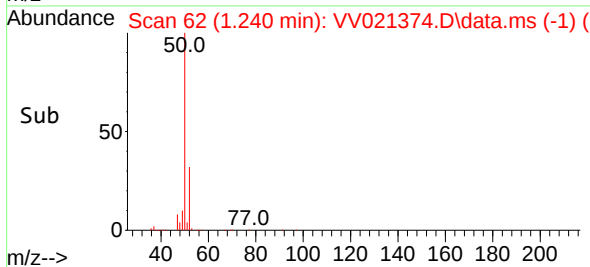
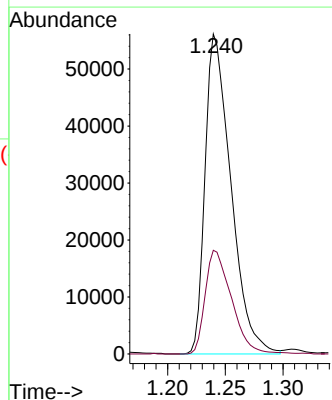
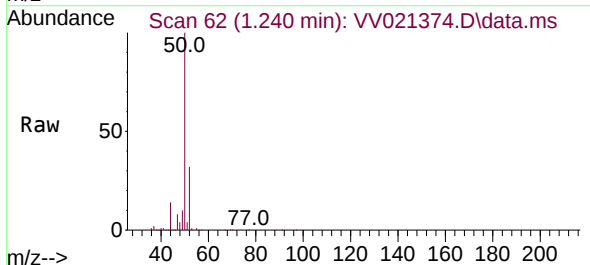
Instrument :
 MSVOA_V
 ClientSampled :

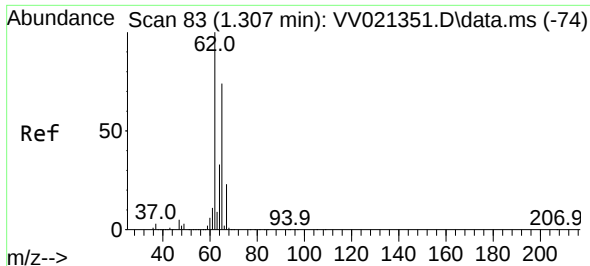
Tgt Ion: 85 Resp: 99176
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.7 38.5



#3
 Chloromethane
 Concen: 4.71 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021374.D
 Acq: 21 May 2021 21:26

Tgt Ion: 50 Resp: 87453
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.9

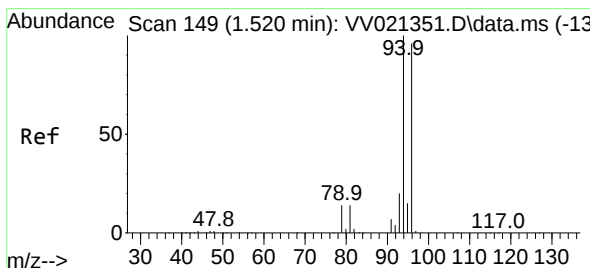
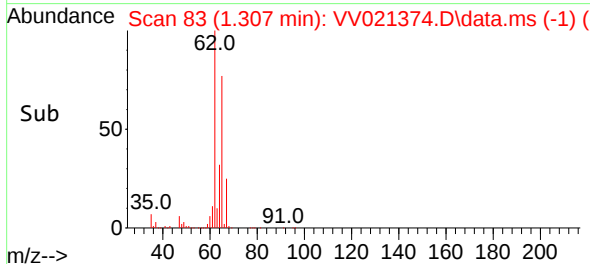
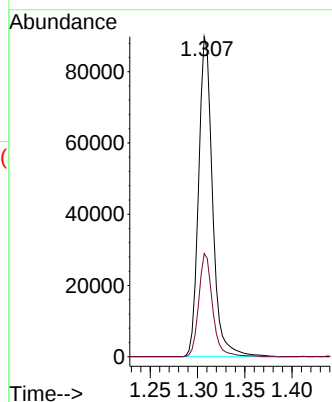
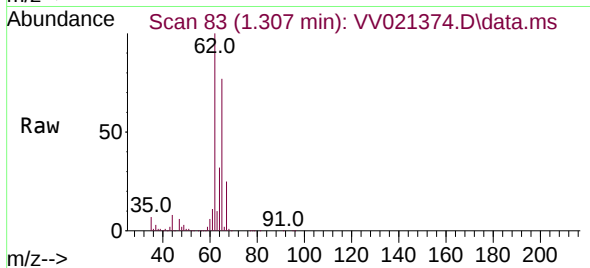




#5
 Vinyl chloride
 Concen: 4.94 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021374.D
 Acq: 21 May 2021 21:26

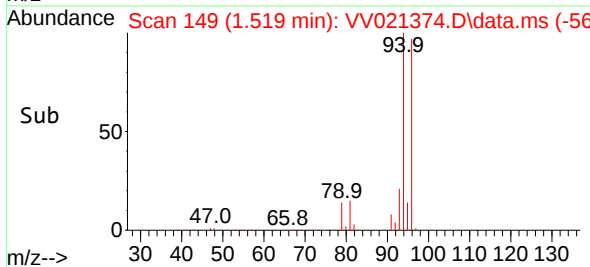
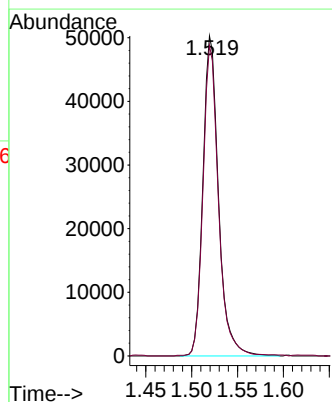
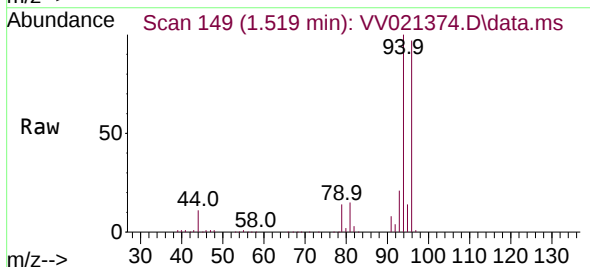
Instrument :
 MSVOA_V
 ClientSampled :

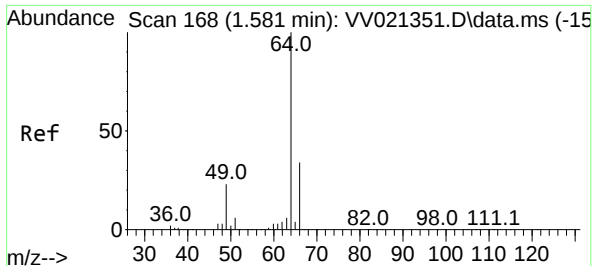
Tgt Ion: 62 Resp: 92381
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.83 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021374.D
 Acq: 21 May 2021 21:26

Tgt Ion: 94 Resp: 59662
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.0 120.6

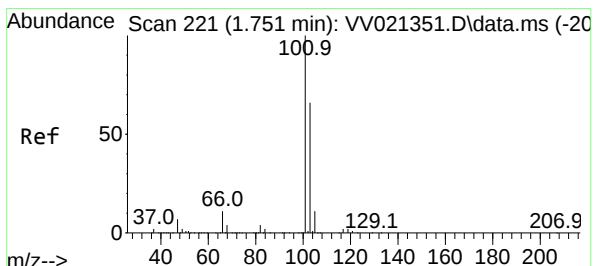
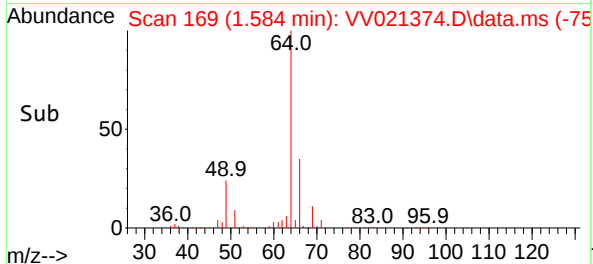
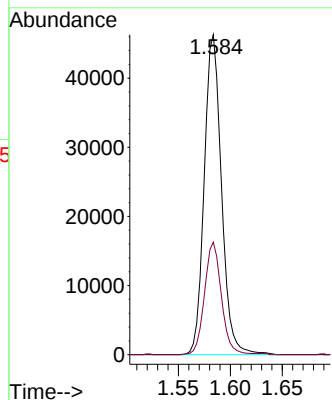
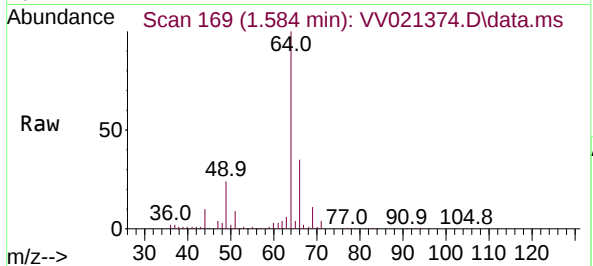




#8
Chloroethane
Concen: 4.82 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

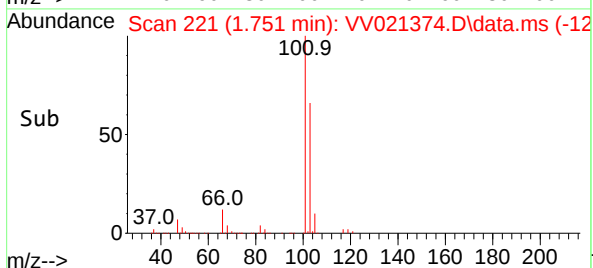
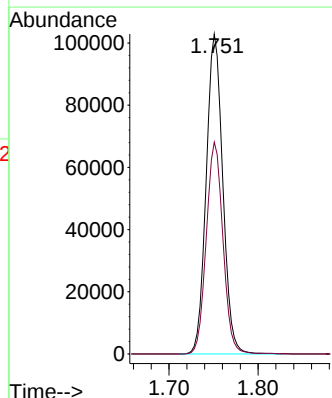
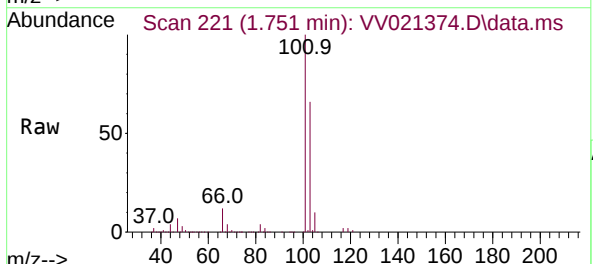
Instrument :
MSVOA_V
ClientSampled :

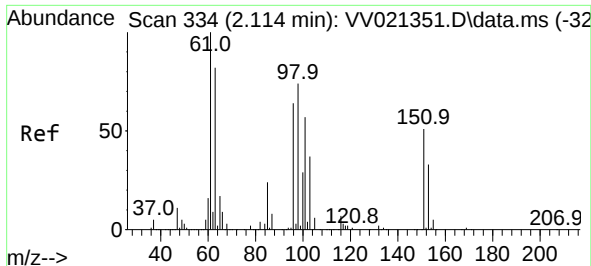
Tgt Ion: 64 Resp: 53499
Ion Ratio Lower Upper
64 100
66 35.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.86 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 101 Resp: 132565
Ion Ratio Lower Upper
101 100
103 66.5 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.76 ug/L

RT: 2.114 min Scan# 334

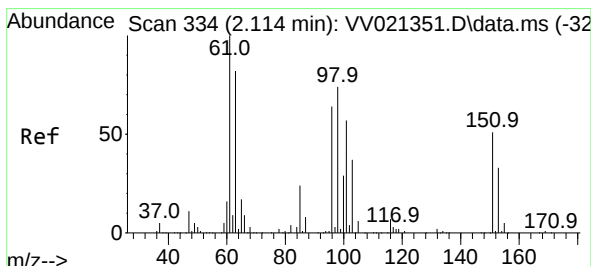
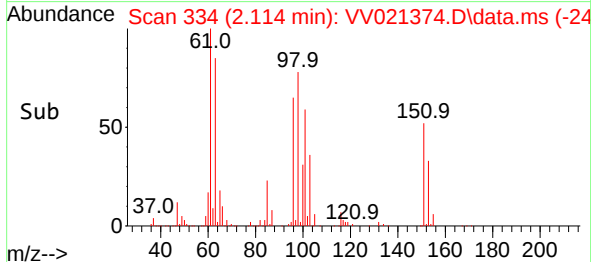
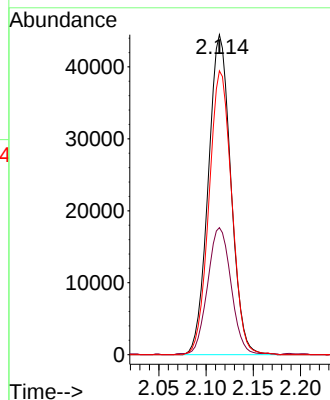
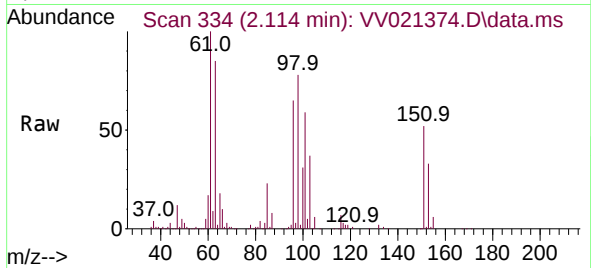
Delta R.T. -0.000 min

Lab File: VV021374.D

Acq: 21 May 2021 21:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	101	Resp:	73953
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.0	49.6
151	89.2	64.2	96.2



#12

1,1-Dichloroethene

Concen: 4.80 ug/L

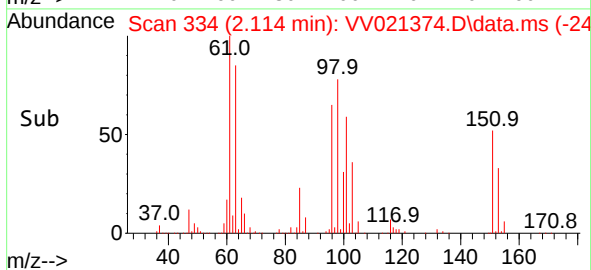
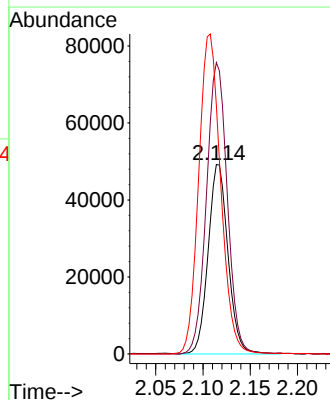
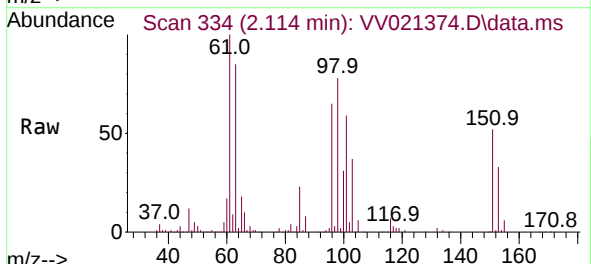
RT: 2.114 min Scan# 334

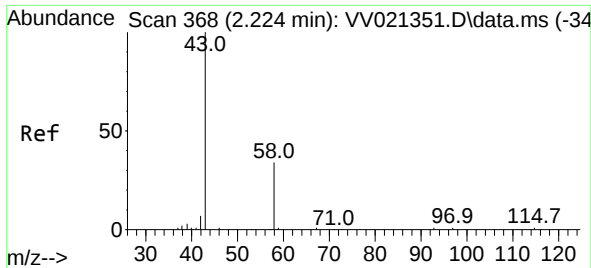
Delta R.T. -0.000 min

Lab File: VV021374.D

Acq: 21 May 2021 21:26

Tgt Ion:	96	Resp:	71961
Ion Ratio	Lower	Upper	
96	100		
61	153.8	109.8	204.0
63	131.3	71.3	132.3

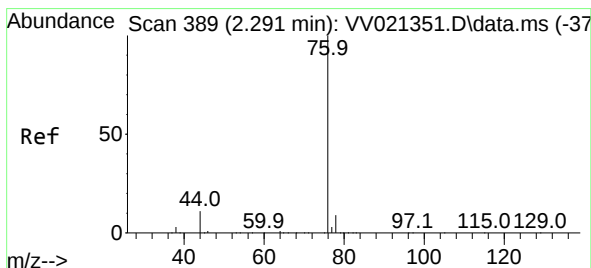
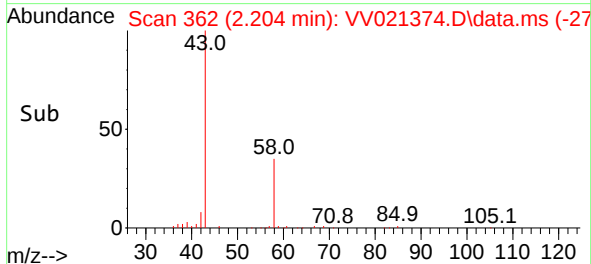
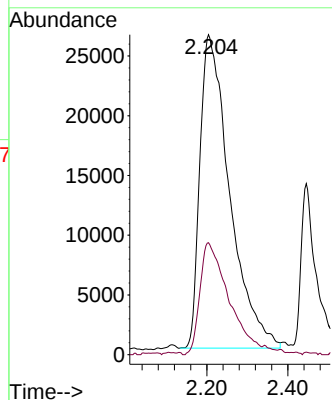
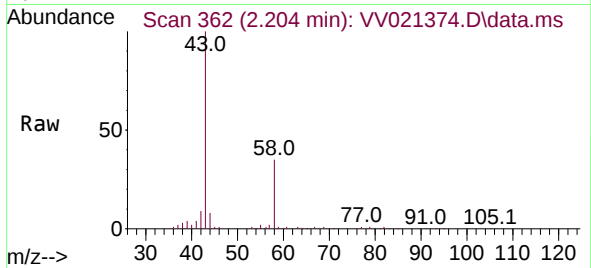




#13
Acetone
Concen: 52.30 ug/L
RT: 2.204 min Scan# 362
Delta R.T. -0.020 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

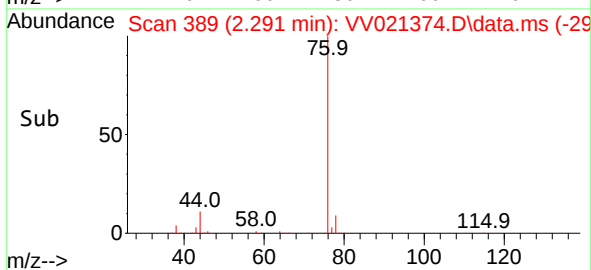
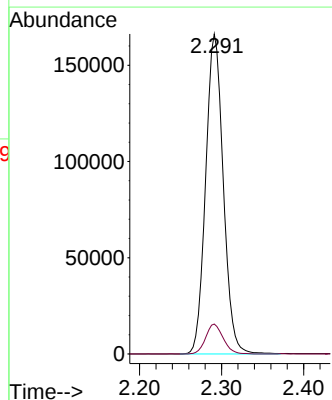
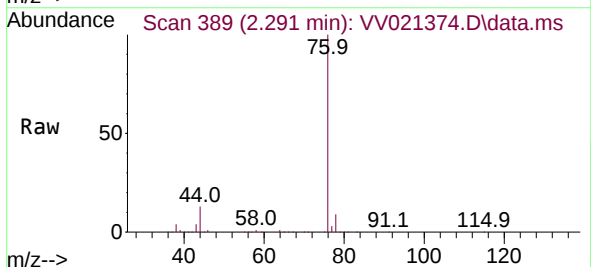
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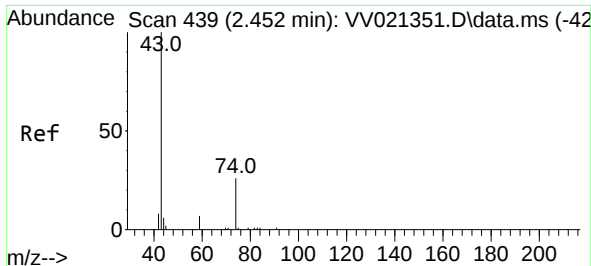
Tgt Ion: 43 Resp: 133881
Ion Ratio Lower Upper
43 100
58 34.6 0.0 67.4



#14
Carbon disulfide
Concen: 4.73 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 248555
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

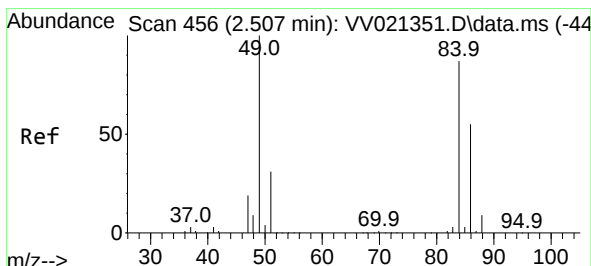
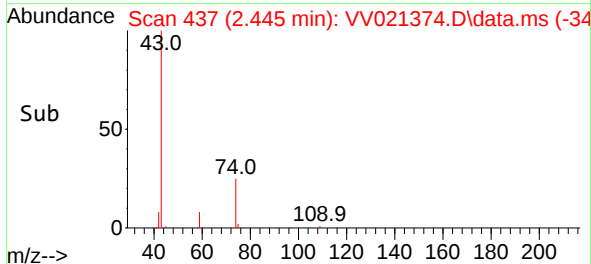
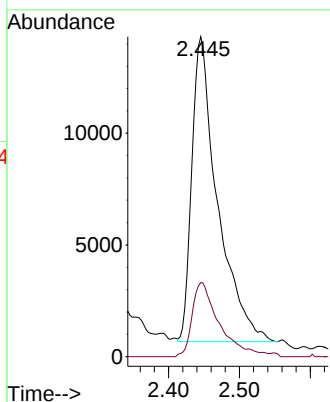
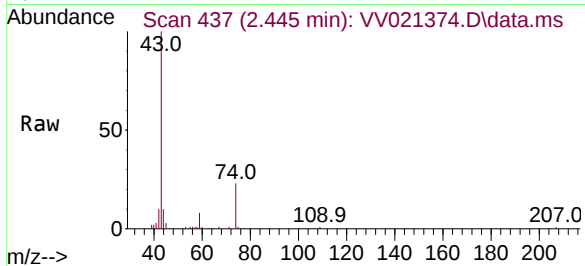




#15
Methyl Acetate
Concen: 5.77 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.007 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

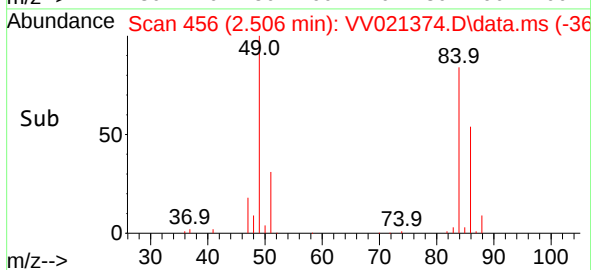
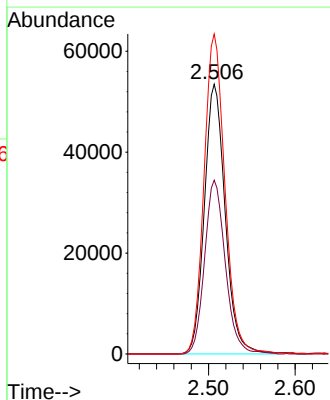
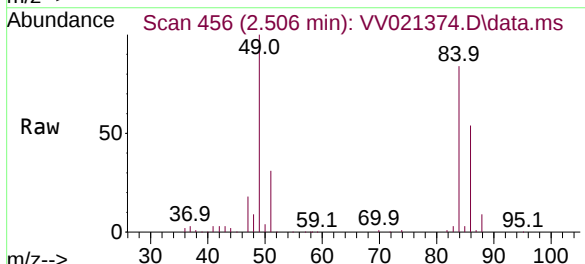
Instrument :
MSVOA_V
ClientSampled :

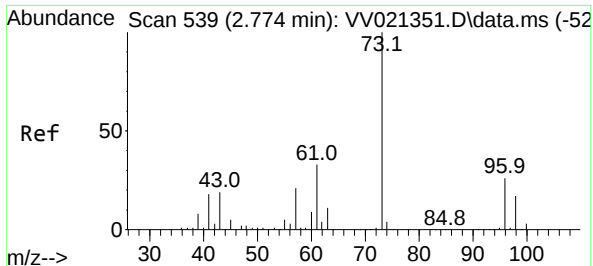
Tgt Ion: 43 Resp: 34368
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1



#16
Methylene chloride
Concen: 4.19 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 84 Resp: 89521
Ion Ratio Lower Upper
84 100
86 64.4 47.2 87.6
49 118.6 81.9 152.1

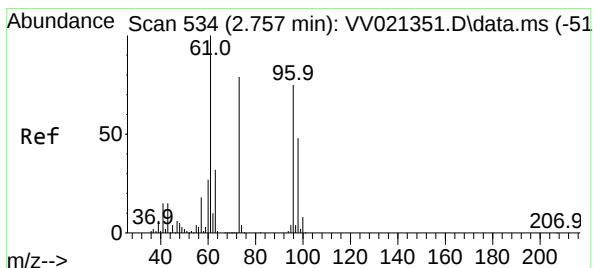
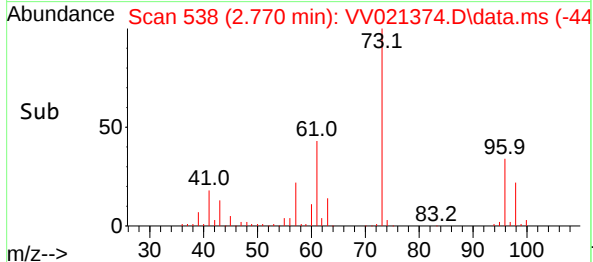
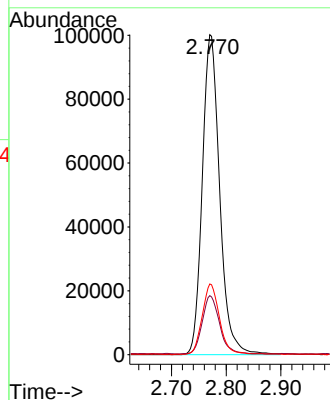
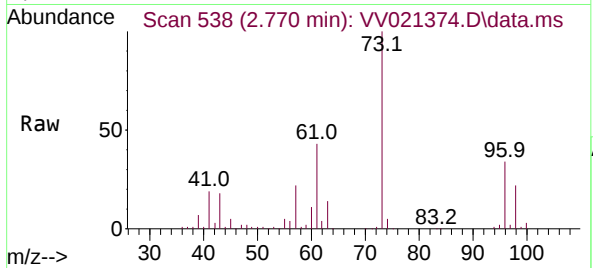




#17
Methyl tert-butyl Ether
Concen: 5.12 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

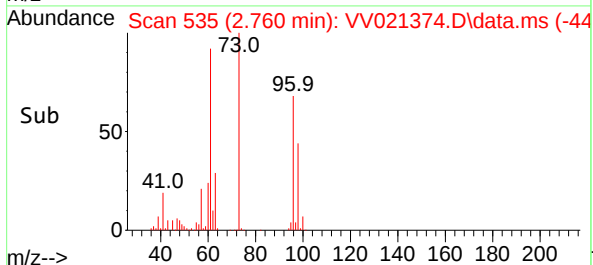
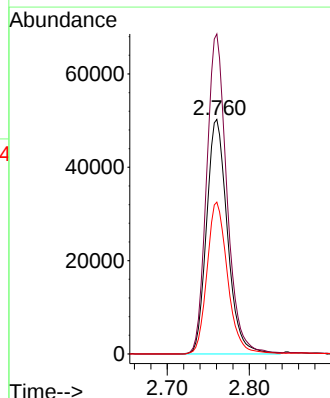
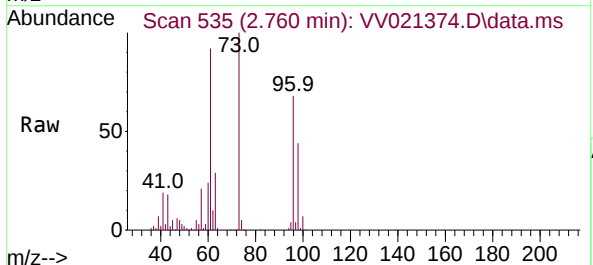
Instrument :
MSVOA_V
ClientSampled :

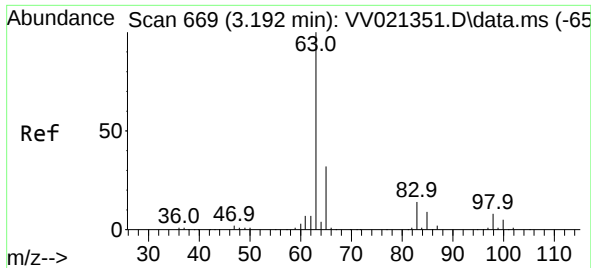
Tgt Ion: 73 Resp: 221072
Ion Ratio Lower Upper
73 100
43 18.1 15.3 22.9
57 21.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.85 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 96 Resp: 88978
Ion Ratio Lower Upper
96 100
61 136.4 94.1 174.8
98 64.7 45.0 83.6

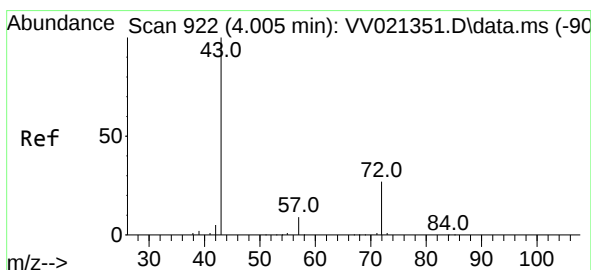
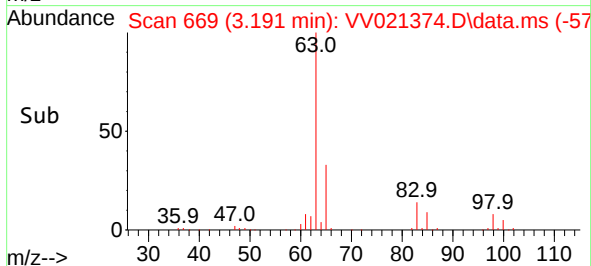
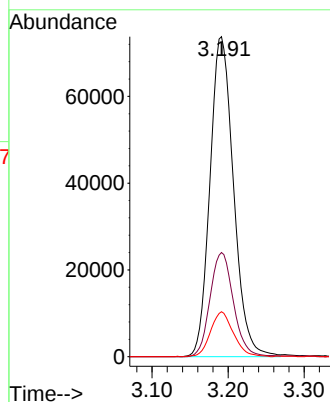
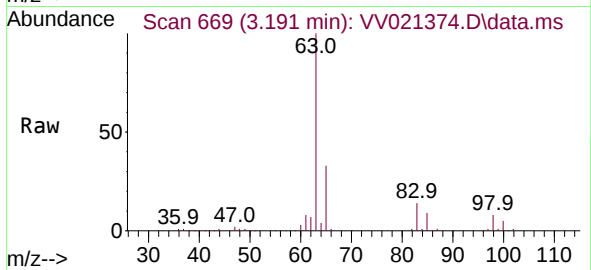




#19
1,1-Dichloroethane
Concen: 4.93 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

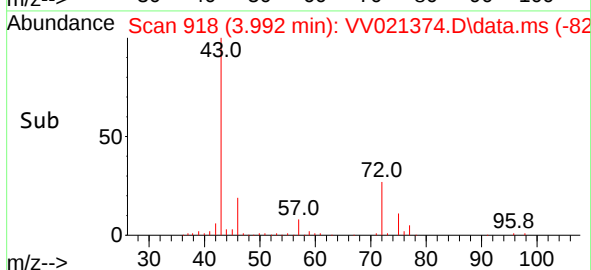
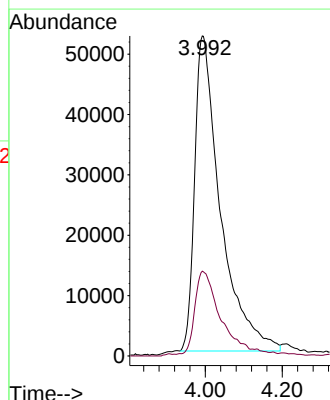
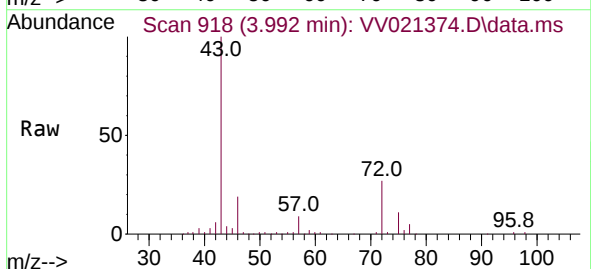
Instrument :
MSVOA_V
ClientSampled :

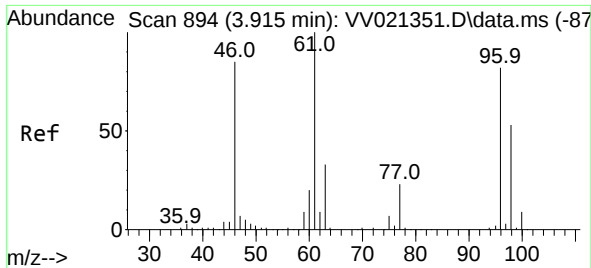
Tgt Ion:	63	Resp:	158891
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.3	41.5
83	14.0	9.7	17.9



#21
2-Butanone
Concen: 53.35 ug/L
RT: 3.992 min Scan# 918
Delta R.T. -0.013 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:	43	Resp:	242813
Ion	Ratio	Lower	Upper
43	100		
72	25.6	14.5	43.5

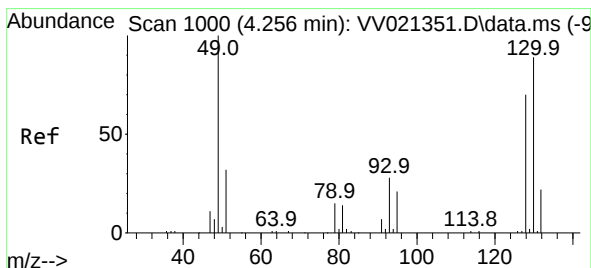
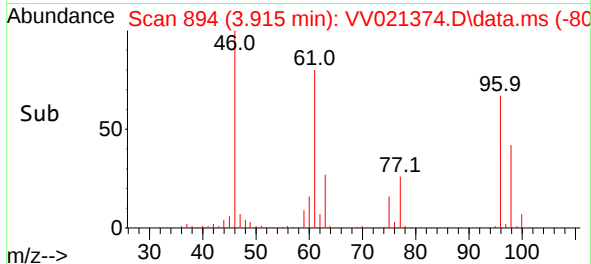
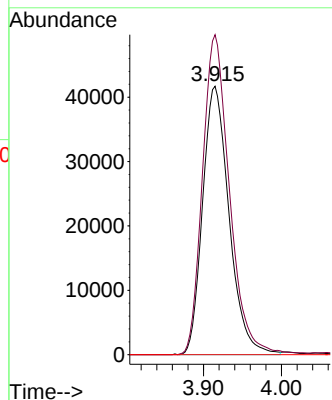
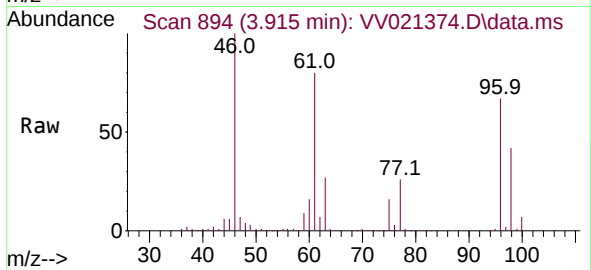




#22
cis-1,2-Dichloroethene
Concen: 4.91 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

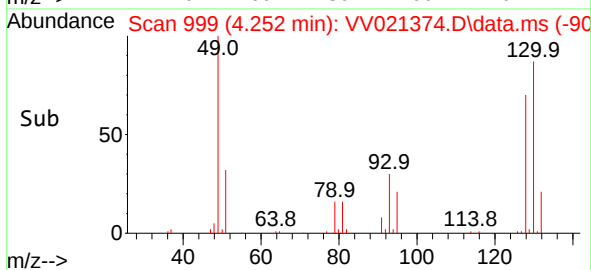
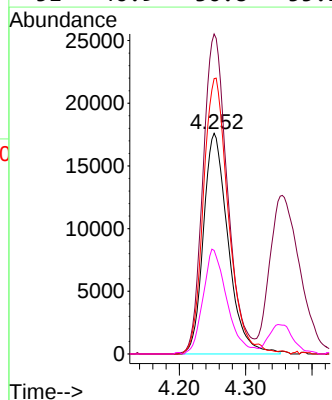
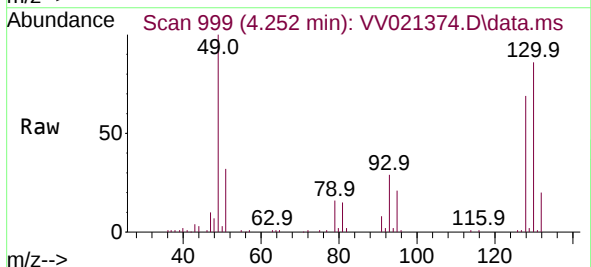
Instrument :
MSVOA_V
ClientSampleId :

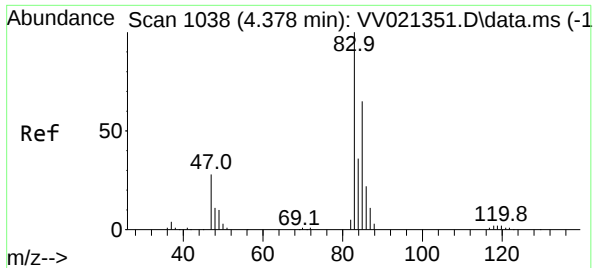
Tgt Ion: 96 Resp: 98479
Ion Ratio Lower Upper
96 100
61 119.2 84.6 157.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.07 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 128 Resp: 45437
Ion Ratio Lower Upper
128 100
49 145.0 100.0 185.8
130 124.8 87.4 162.2
51 46.9 36.8 55.2





#25

Chloroform

Concen: 4.82 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV021374.D

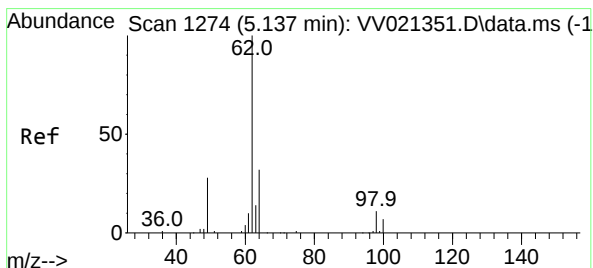
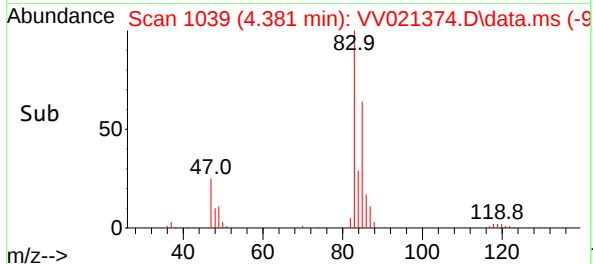
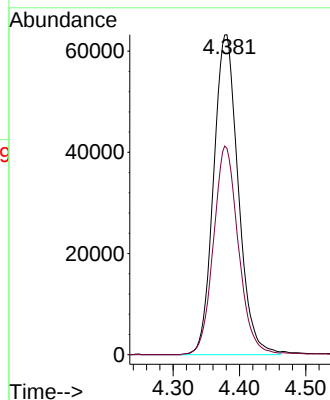
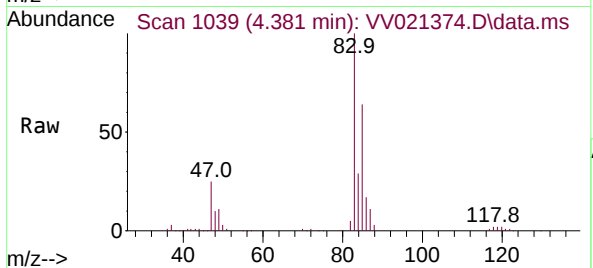
Acq: 21 May 2021 21:26

Tgt Ion: 83 Resp: 163586

Ion Ratio Lower Upper

83 100

85 64.5 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.92 ug/L

RT: 5.136 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV021374.D

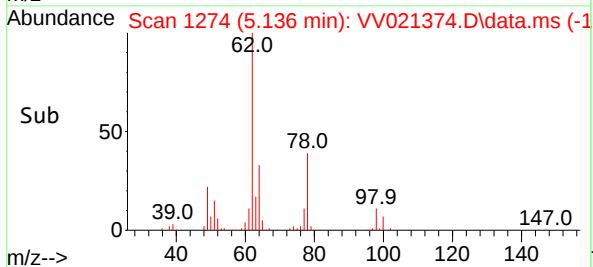
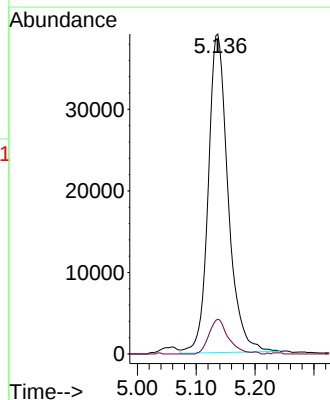
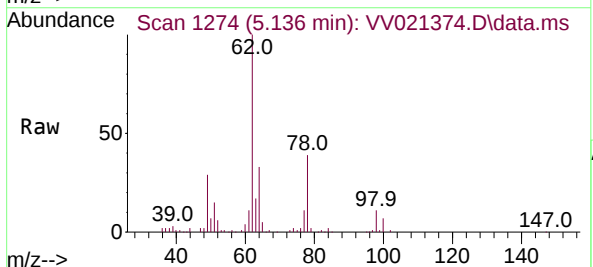
Acq: 21 May 2021 21:26

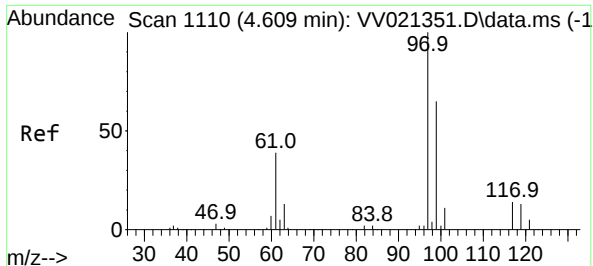
Tgt Ion: 62 Resp: 91840

Ion Ratio Lower Upper

62 100

98 10.9 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.80 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV021374.D

Acq: 21 May 2021 21:26

Tgt Ion: 97 Resp: 149065

Ion Ratio Lower Upper

97 100

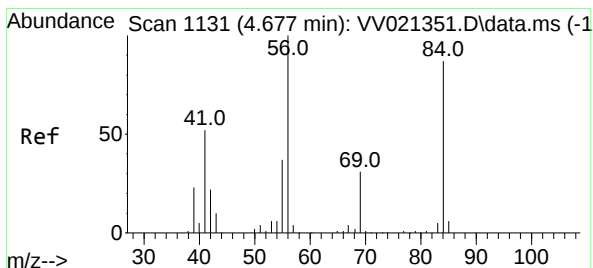
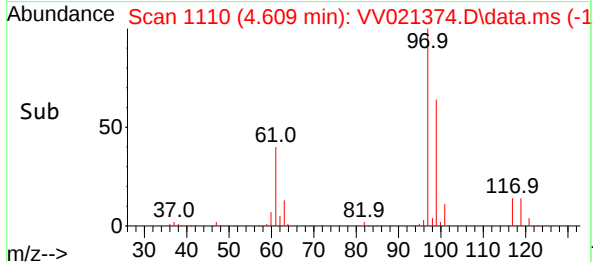
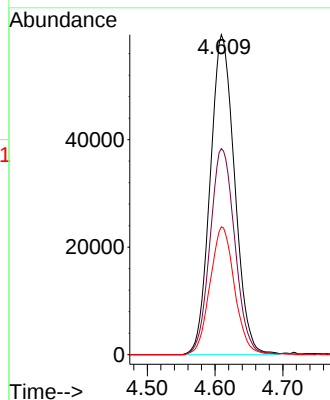
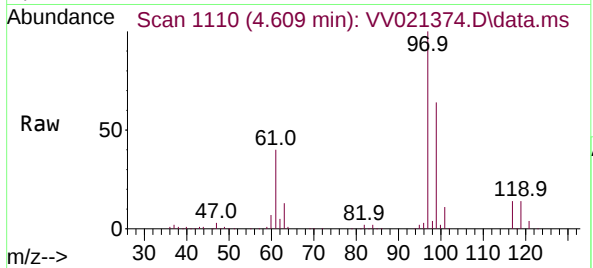
99 65.6 50.6 75.8

61 40.3 33.2 49.8

Instrument :

MSVOA_V

ClientSampled :



#30

Cyclohexane

Concen: 4.87 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV021374.D

Acq: 21 May 2021 21:26

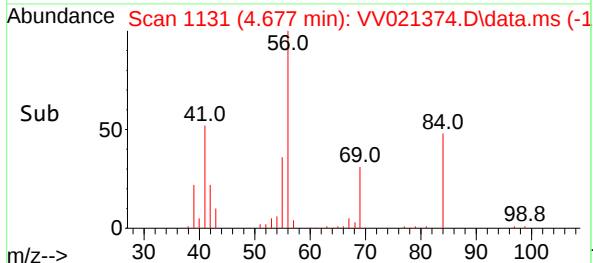
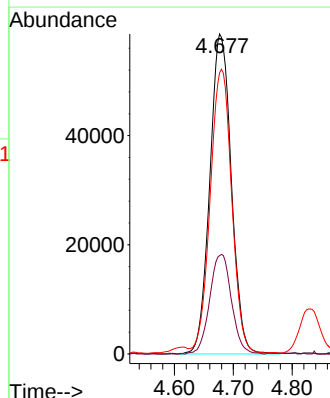
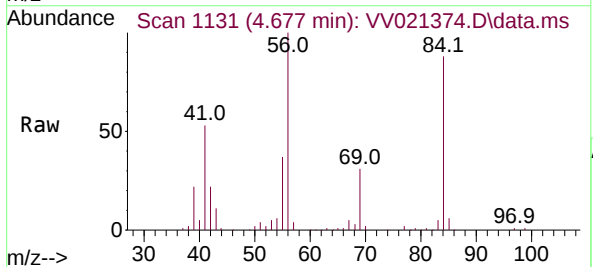
Tgt Ion: 56 Resp: 148854

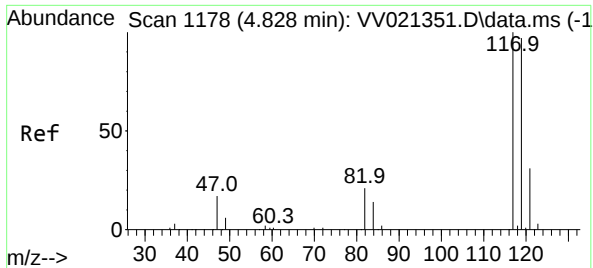
Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.0

84 88.5 73.5 110.3

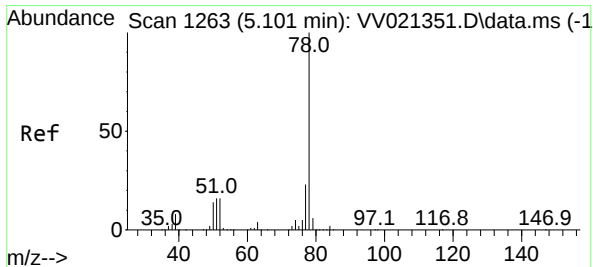
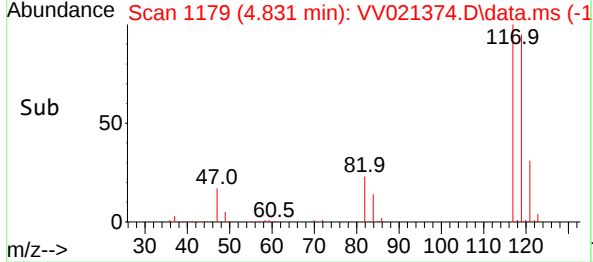
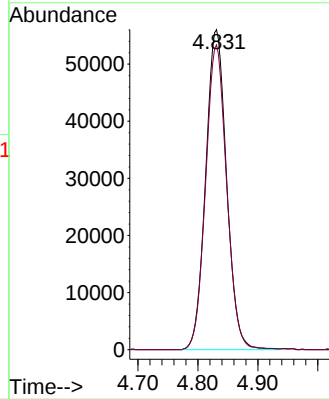
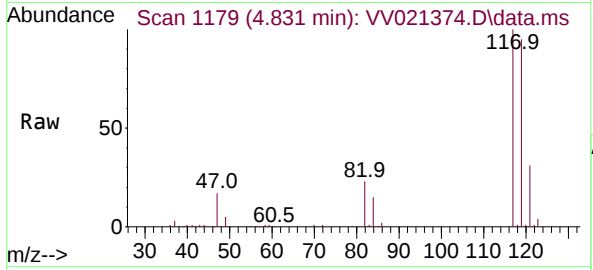




#31
Carbon tetrachloride
Concen: 4.90 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

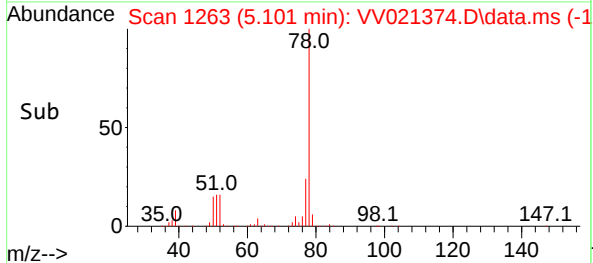
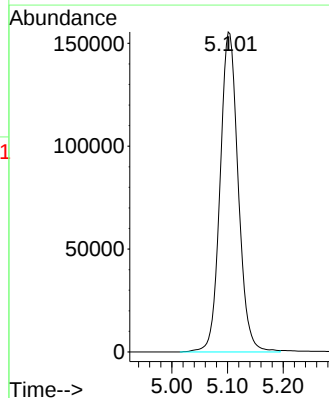
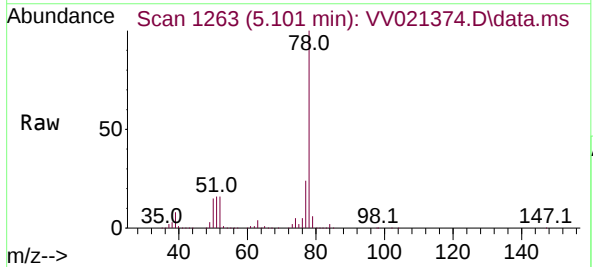
Instrument :
MSVOA_V
ClientSampleId :

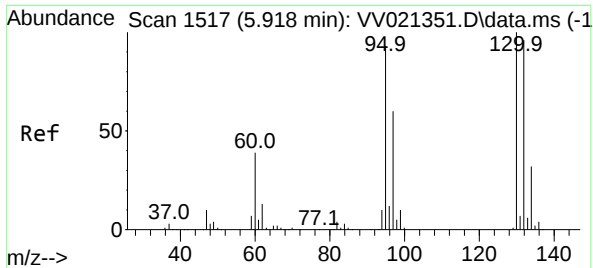
Tgt Ion:117 Resp: 135949
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2



#33
Benzene
Concen: 4.93 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 78 Resp: 352088



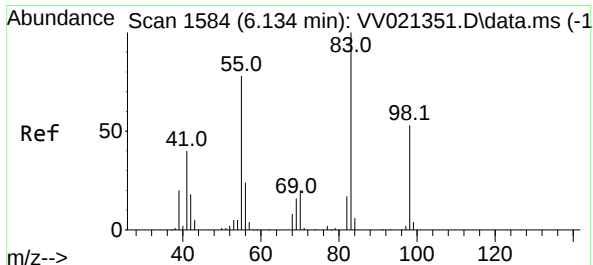
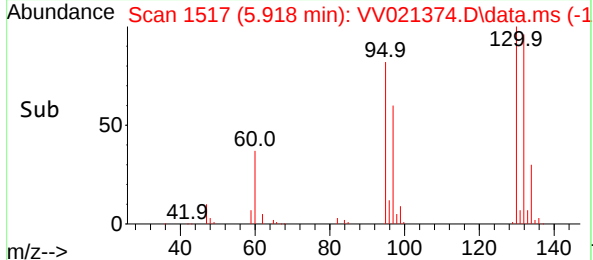
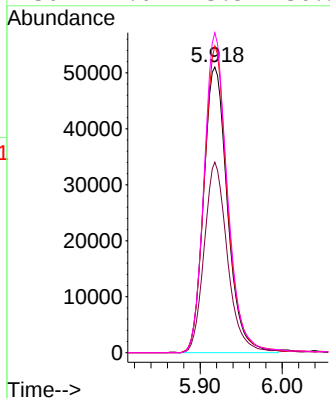
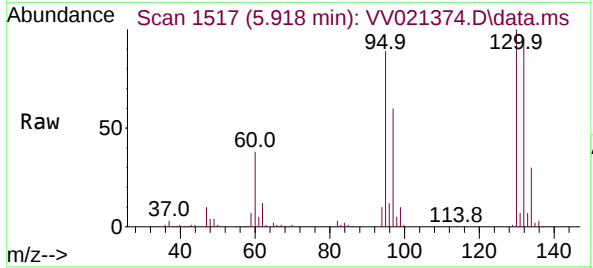


#34
Trichloroethene
Concen: 4.78 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 103092

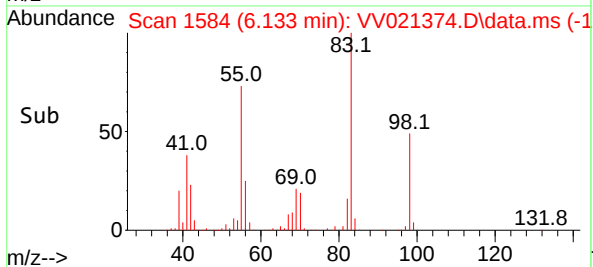
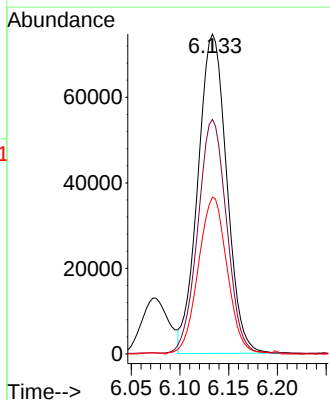
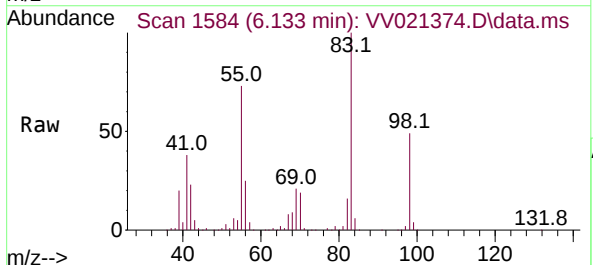
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.1	83.9
132	107.3	71.5	132.9
130	112.0	73.5	136.5

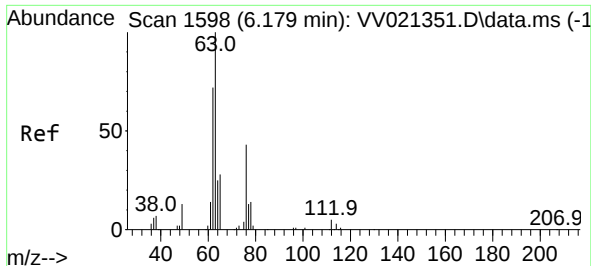


#35
Methylcyclohexane
Concen: 4.69 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 83 Resp: 153354

Ion	Ratio	Lower	Upper
83	100		
55	73.1	59.1	88.7
98	49.3	40.1	60.1

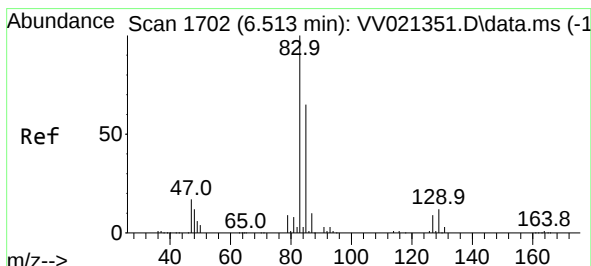
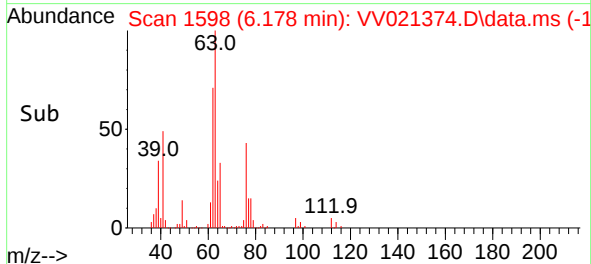
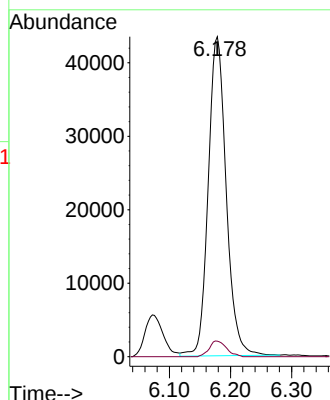
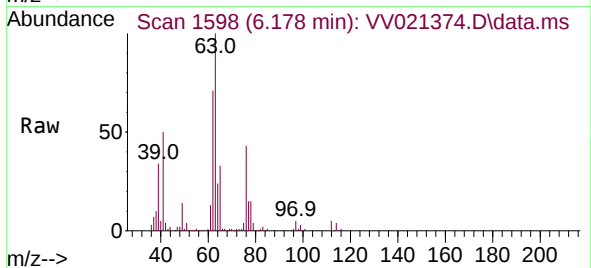




#37
1,2-Dichloropropane
Concen: 5.04 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

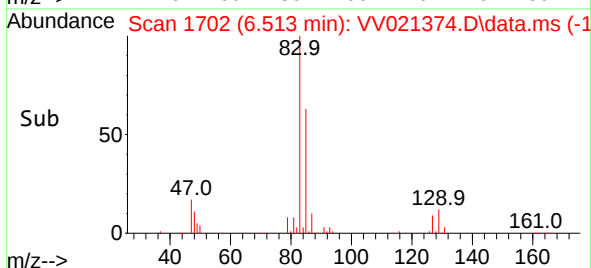
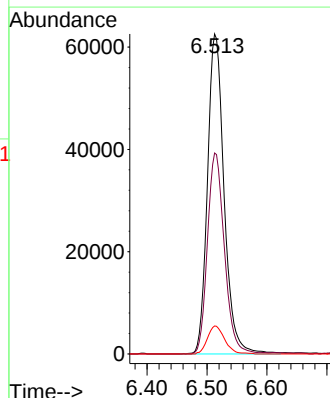
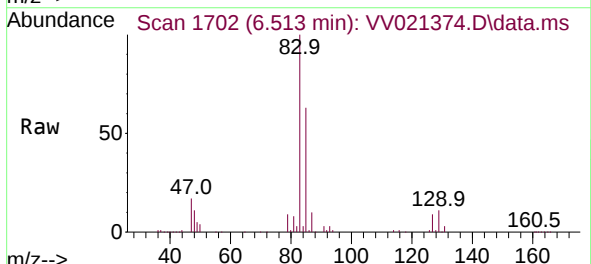
Instrument :
MSVOA_V
ClientSampled :

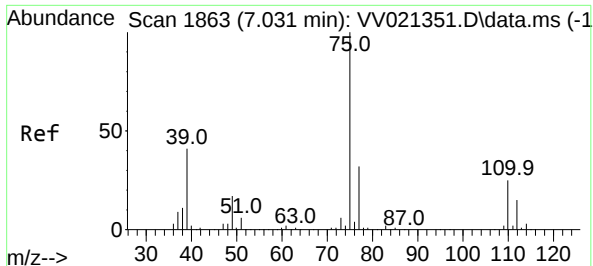
Tgt Ion: 63 Resp: 88713
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 5.03 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 83 Resp: 120830
Ion Ratio Lower Upper
83 100
85 62.8 43.0 79.8
127 8.7 7.0 10.6

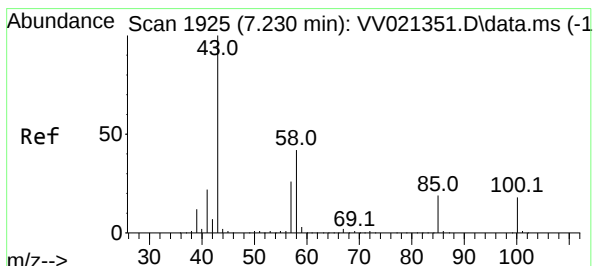
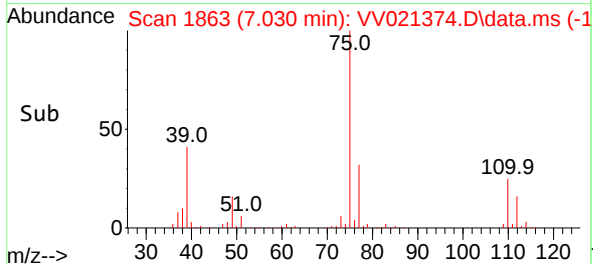
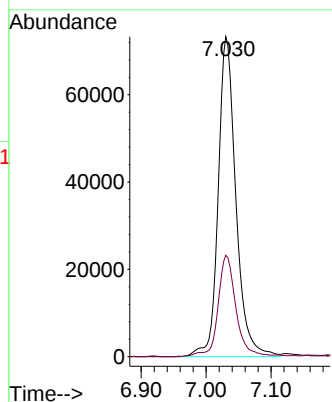
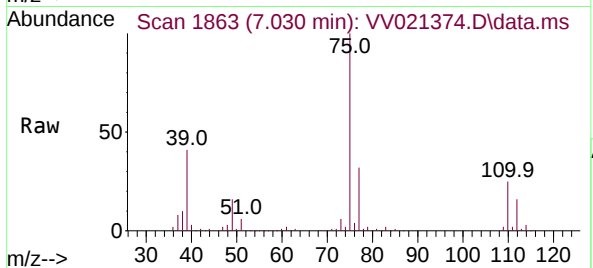




#39
 cis-1,3-Dichloropropene
 Concen: 4.90 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV021374.D
 Acq: 21 May 2021 21:26

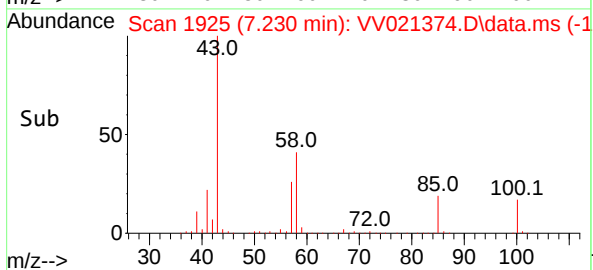
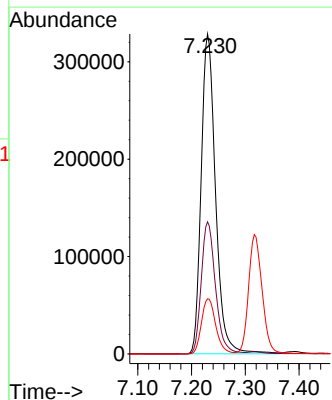
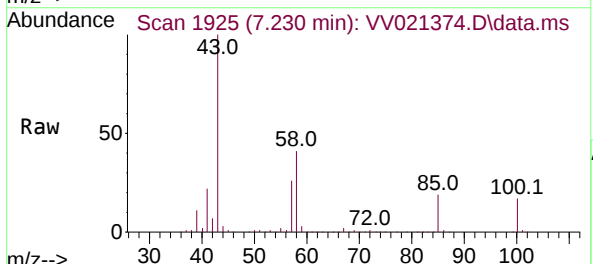
Instrument :
 MSVOA_V
 ClientSampled :

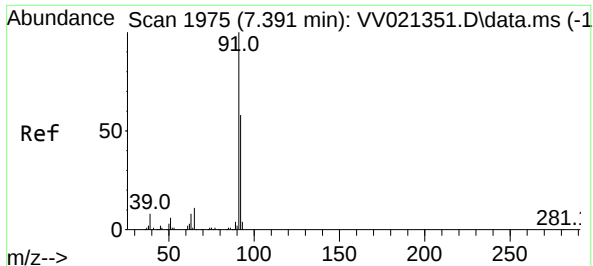
Tgt Ion: 75 Resp: 138213
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 54.98 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VV021374.D
 Acq: 21 May 2021 21:26

Tgt Ion: 43 Resp: 608960
 Ion Ratio Lower Upper
 43 100
 58 41.0 34.1 51.1
 100 17.3 14.6 21.8





#42

Toluene

Concen: 4.89 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV021374.D

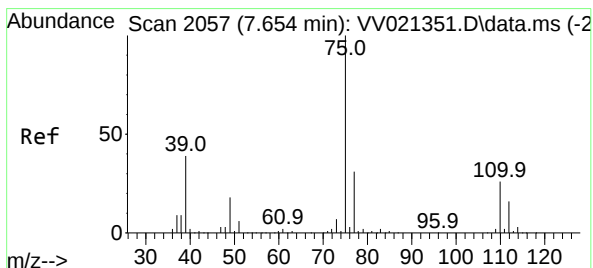
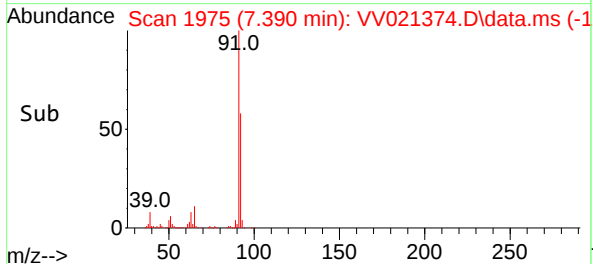
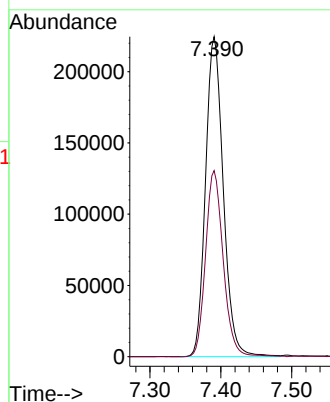
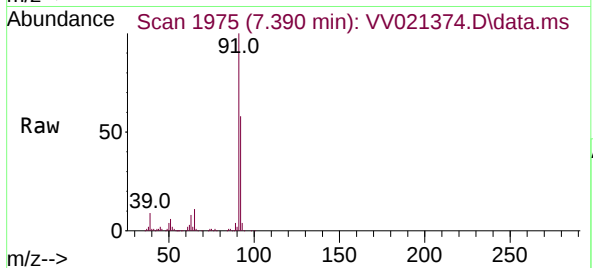
Acq: 21 May 2021 21:26

Tgt Ion: 91 Resp: 390900

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.84 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV021374.D

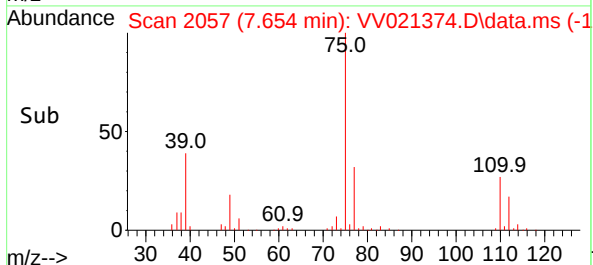
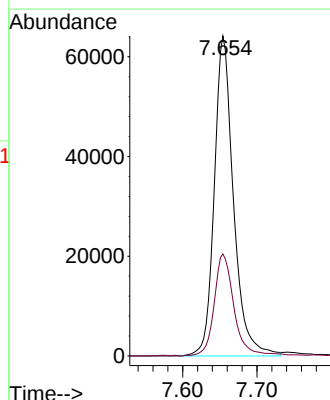
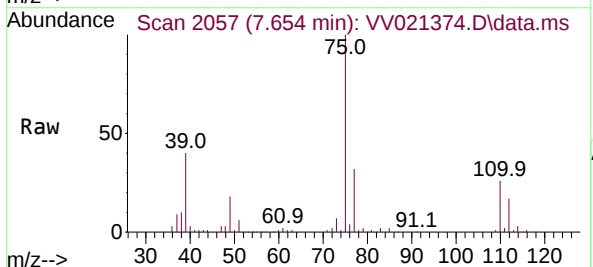
Acq: 21 May 2021 21:26

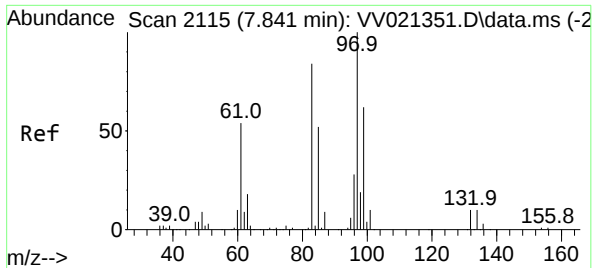
Tgt Ion: 75 Resp: 115277

Ion Ratio Lower Upper

75 100

77 31.9 22.9 42.5

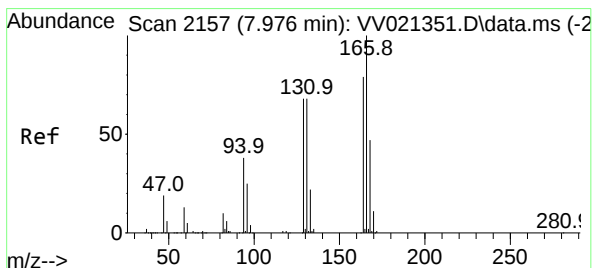
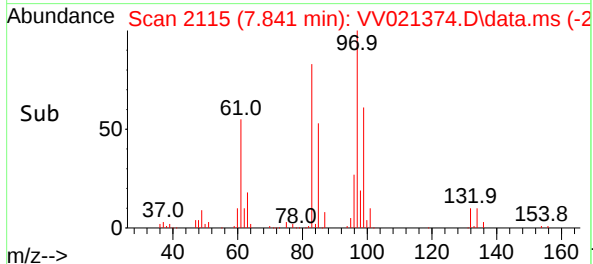
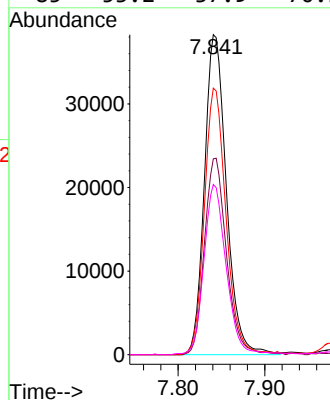
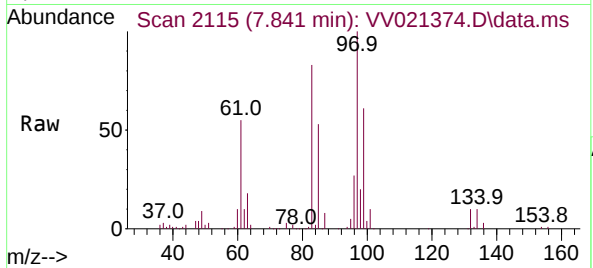




#45
1,1,2-Trichloroethane
Concen: 5.15 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

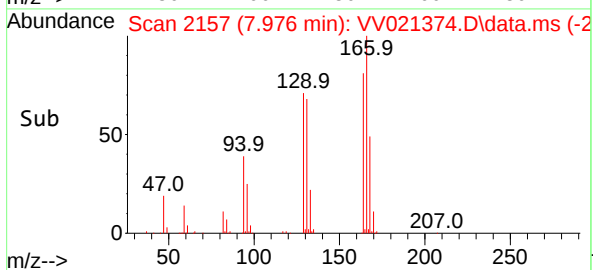
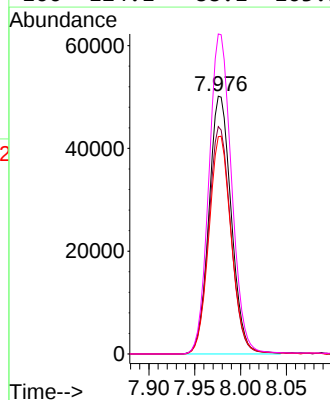
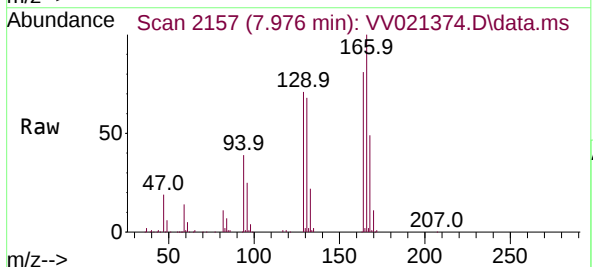
Instrument :
MSVOA_V
ClientSampleId :

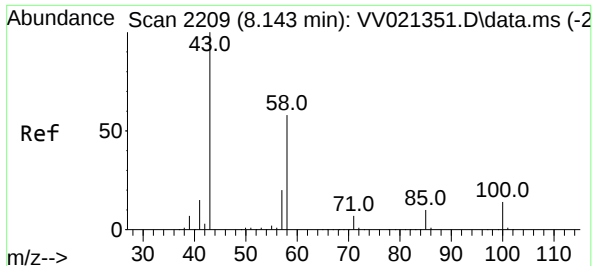
Tgt Ion:	97	Resp:	67404
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.1	81.9
83	83.3	59.4	110.4
85	53.2	37.9	70.5



#47
Tetrachloroethene
Concen: 4.83 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:	164	Resp:	85119
Ion	Ratio	Lower	Upper
164	100		
129	88.2	65.0	120.6
131	84.3	61.8	114.8
166	124.1	88.1	163.5

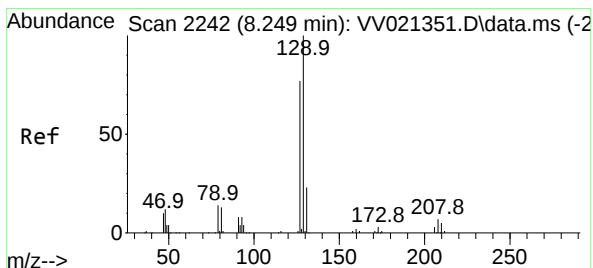
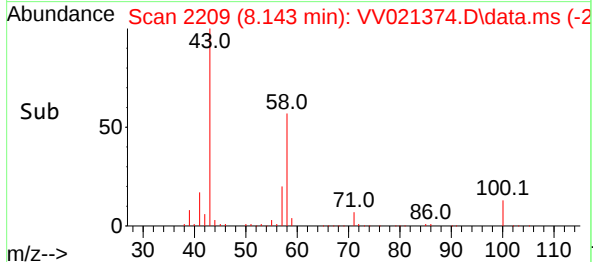
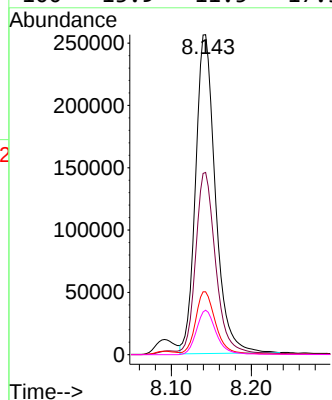
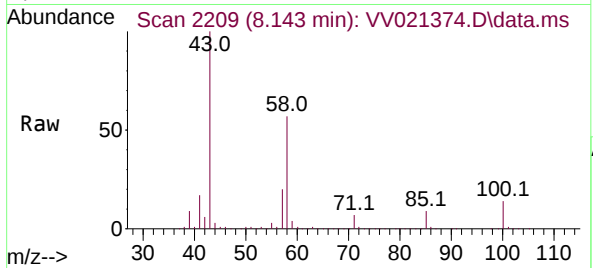




#48
2-Hexanone
Concen: 55.19 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

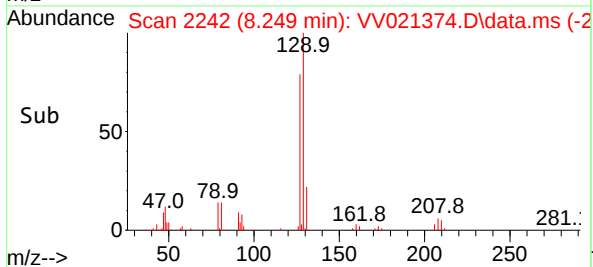
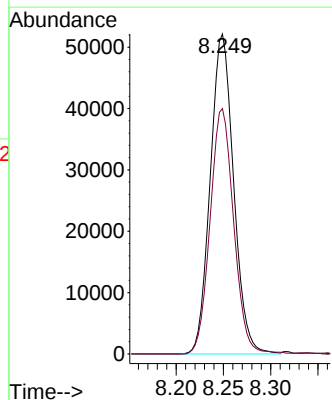
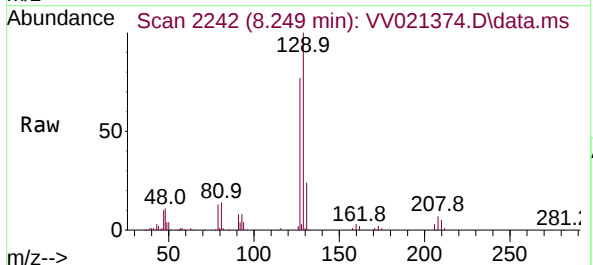
Instrument :
MSVOA_V
ClientSampled :

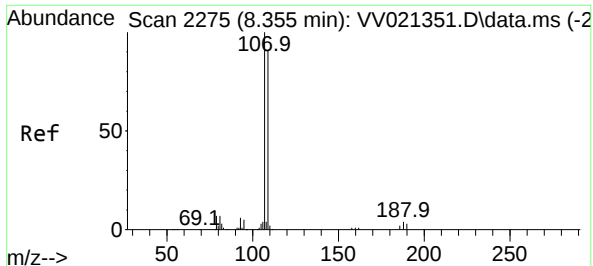
Tgt Ion:	43	Resp:	443117
Ion	Ratio	Lower	Upper
43	100		
58	58.5	47.8	71.8
57	19.9	16.6	24.8
100	13.9	11.5	17.3



#49
Dibromochloromethane
Concen: 5.09 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:	129	Resp:	89621
Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.10 ug/L

RT: 8.355 min Scan# 2275

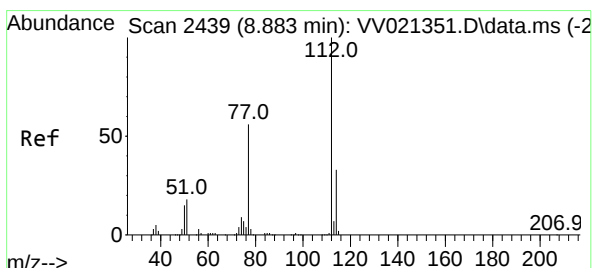
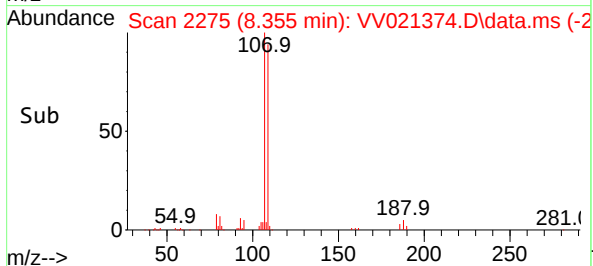
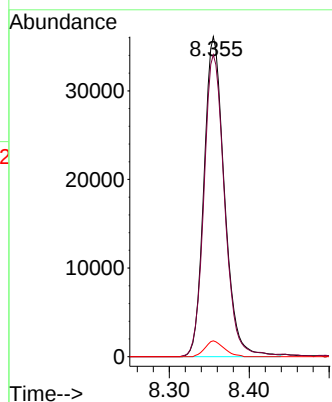
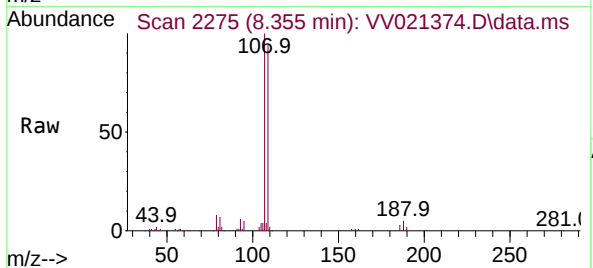
Delta R.T. -0.000 min

Lab File: VV021374.D

Acq: 21 May 2021 21:26

Tgt Ion:	107	Resp:	64342
Ion	Ratio	Lower	Upper
107	100		
109	94.4	66.6	123.8
188	5.0	3.3	4.9#

Instrument :
MSVOA_V
ClientSampled :



#51

Chlorobenzene

Concen: 4.83 ug/L

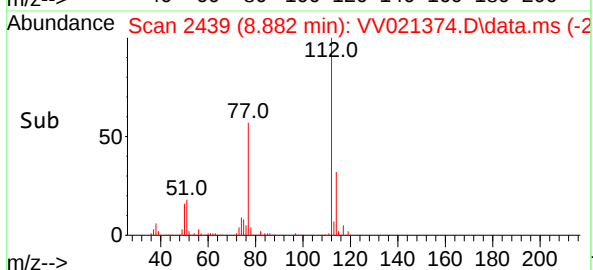
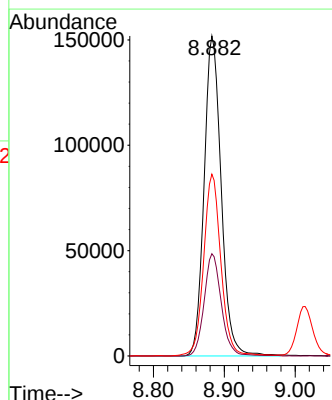
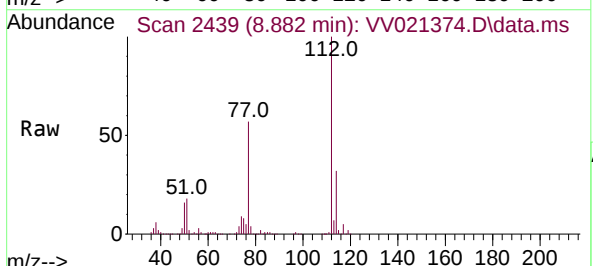
RT: 8.882 min Scan# 2439

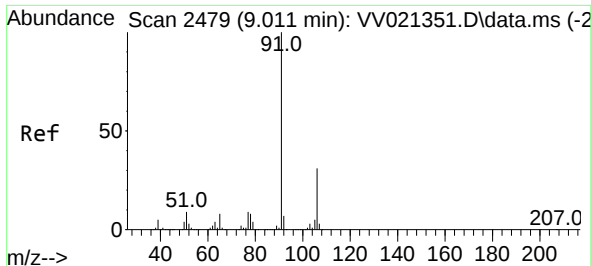
Delta R.T. -0.000 min

Lab File: VV021374.D

Acq: 21 May 2021 21:26

Tgt Ion:	112	Resp:	254630
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	56.8	45.0	67.4

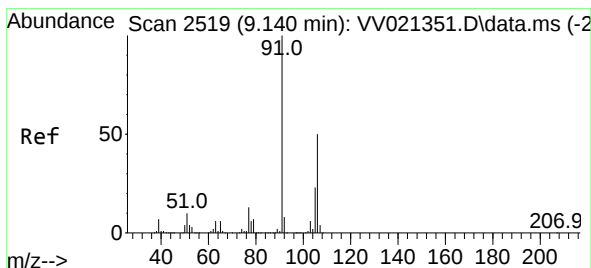
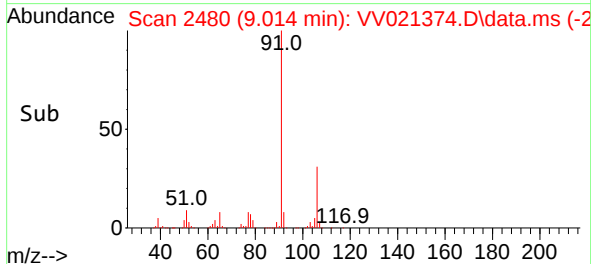
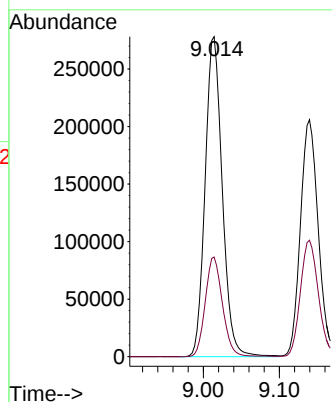
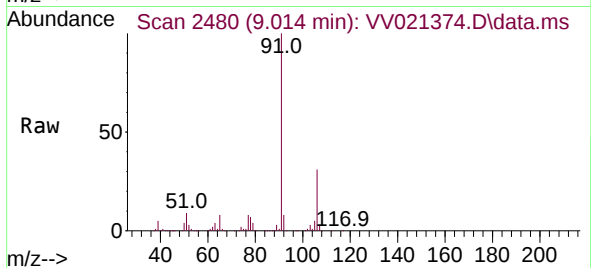




#52
Ethylbenzene
Concen: 4.90 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

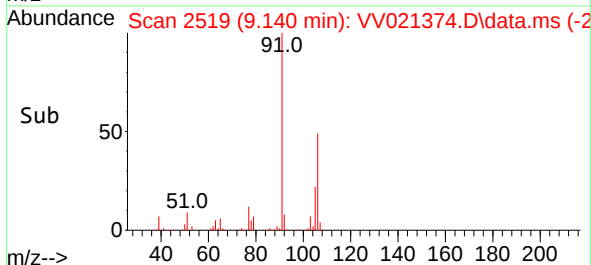
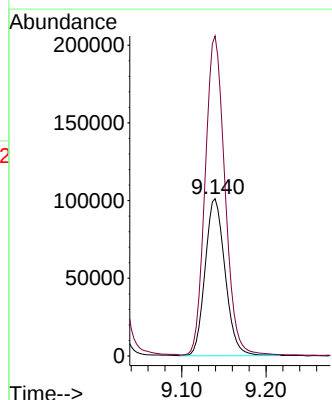
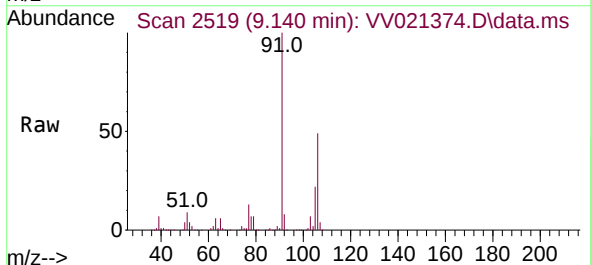
Instrument :
MSVOA_V
ClientSampled :

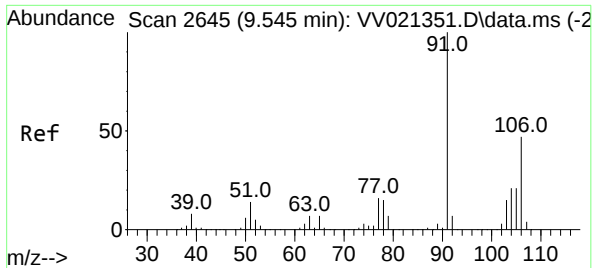
Tgt Ion: 91 Resp: 435474
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-xylene
Concen: 4.89 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 106 Resp: 166885
Ion Ratio Lower Upper
106 100
91 203.4 141.3 262.3

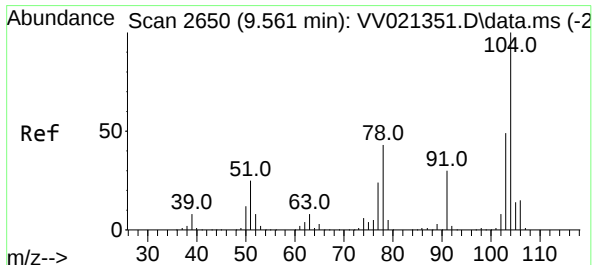
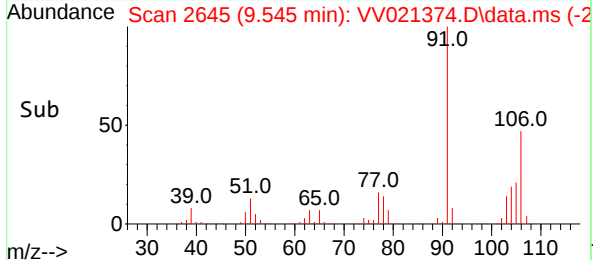
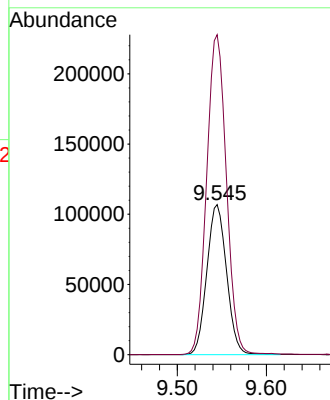
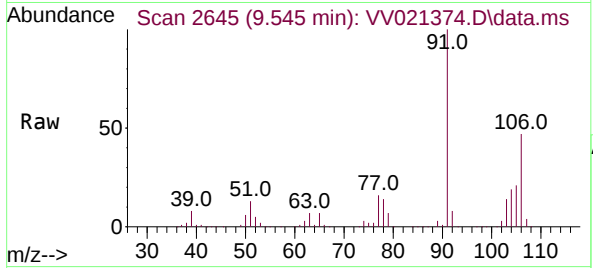




#54
o-xylene
Concen: 4.93 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

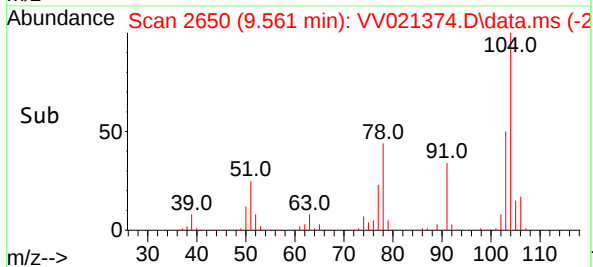
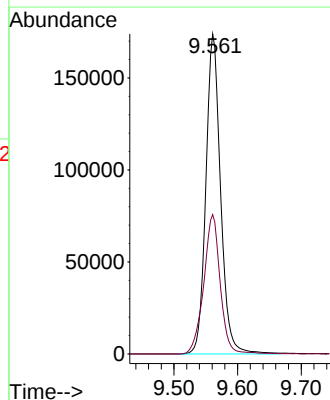
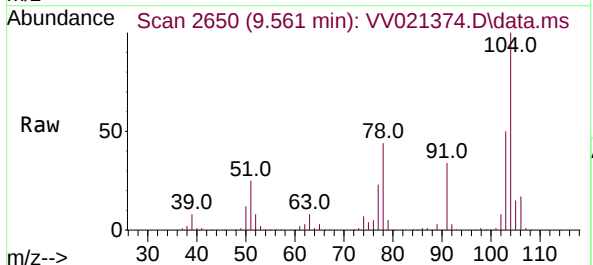
Instrument :
MSVOA_V
ClientSampled :

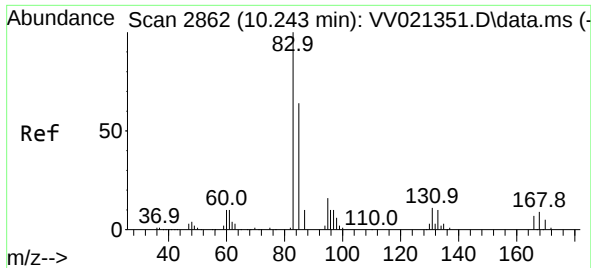
Tgt Ion:106 Resp: 164448
Ion Ratio Lower Upper
106 100
91 213.2 149.5 277.7



#55
Styrene
Concen: 5.00 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:104 Resp: 279594
Ion Ratio Lower Upper
104 100
78 43.6 31.9 59.2

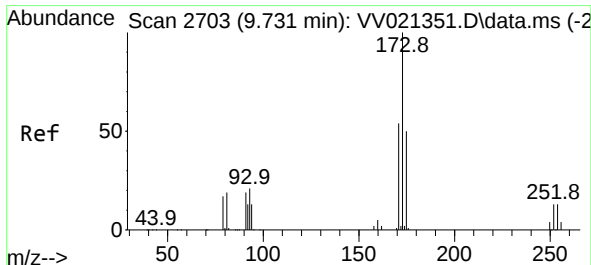
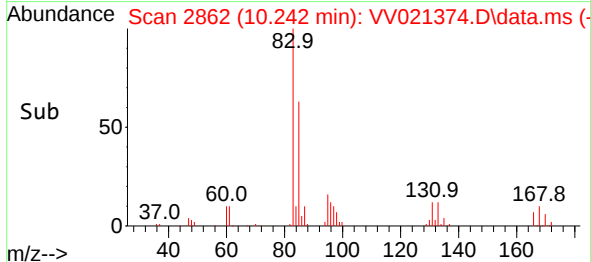
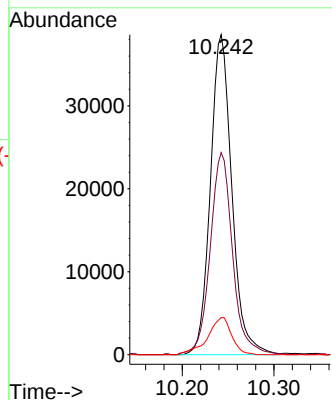
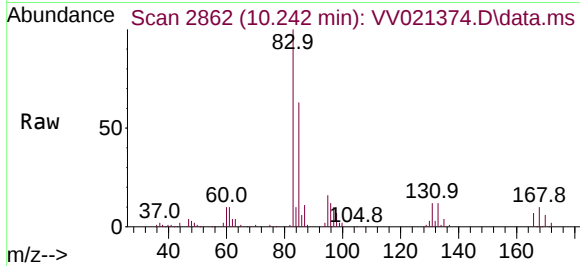




#57
1,1,2,2-Tetrachloroethane
Concen: 5.31 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

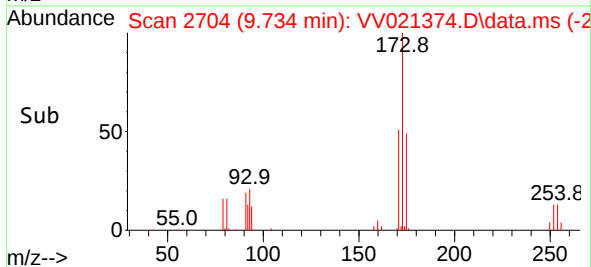
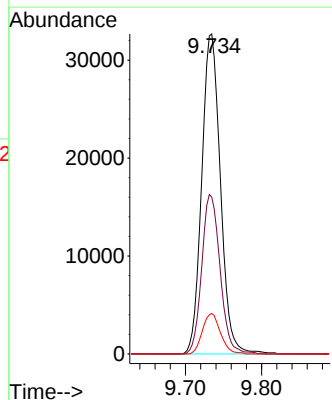
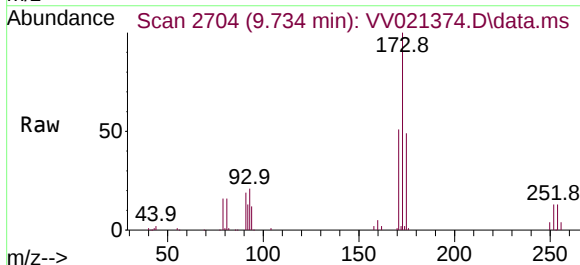
Instrument :
MSVOA_V
ClientSampled :

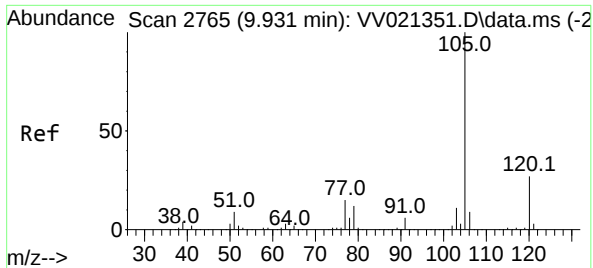
Tgt Ion:	83	Resp:	62745
Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.6	82.8
131	11.6	8.4	12.6



#59
Bromoform
Concen: 5.22 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:	173	Resp:	55920
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.9	58.3
254	12.2	8.3	12.5

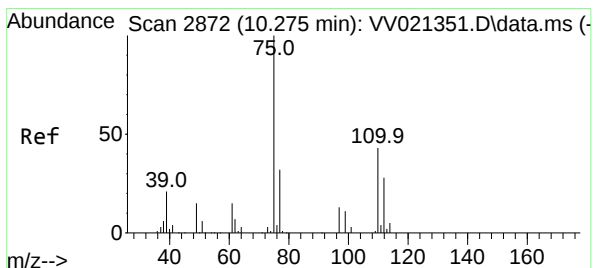
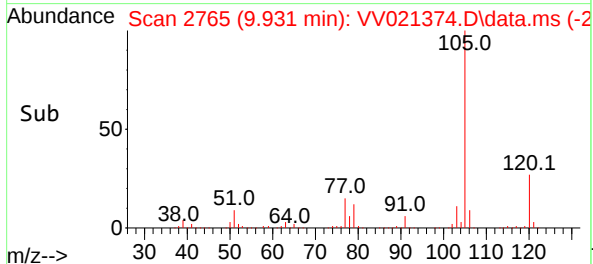
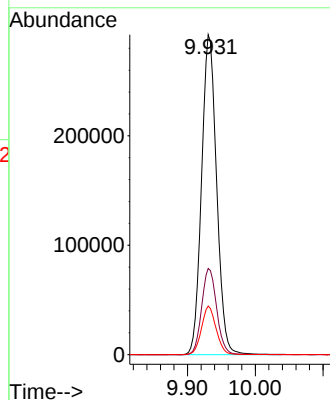
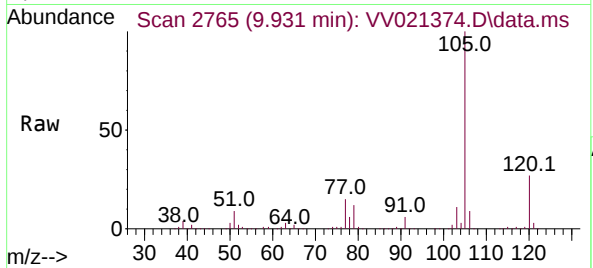




#60
Isopropylbenzene
Concen: 4.92 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

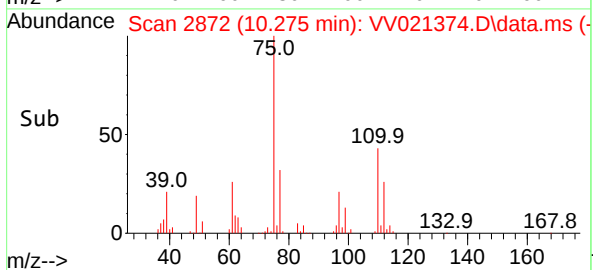
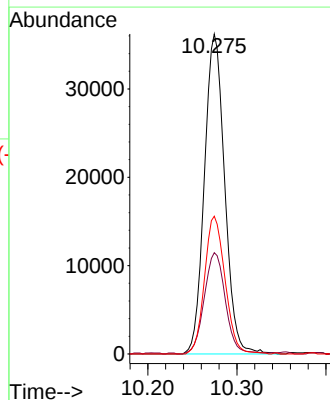
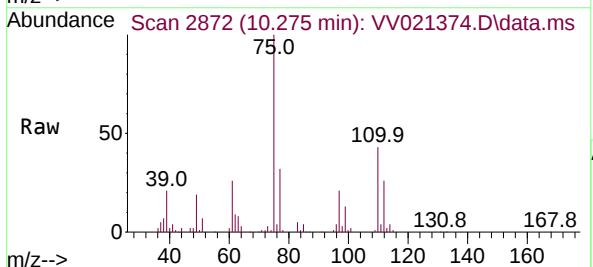
Instrument :
MSVOA_V
ClientSampled :

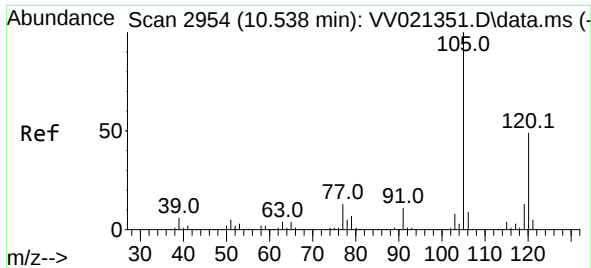
Tgt Ion:105 Resp: 450872
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 14.8 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.42 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion: 75 Resp: 57274
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
110 43.5 33.2 49.8

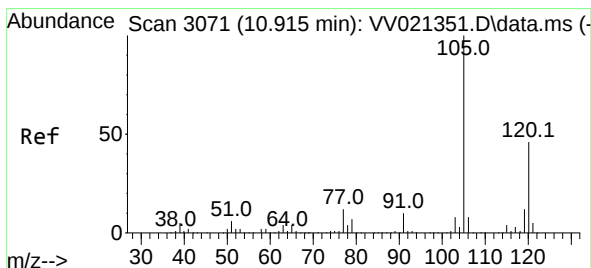
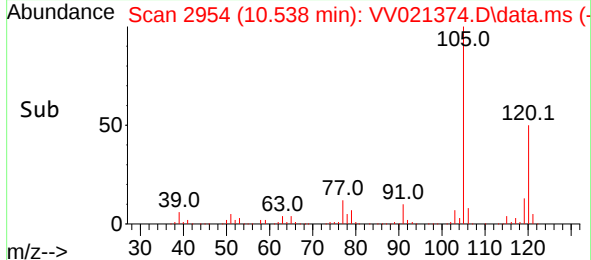
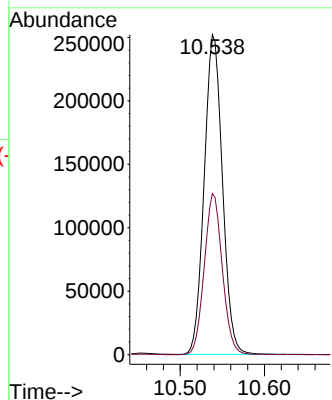
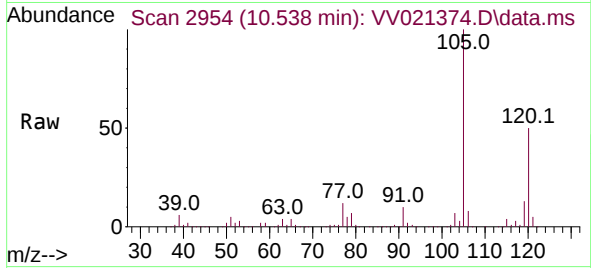




#62
1,3,5-Trimethylbenzene
Concen: 4.86 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

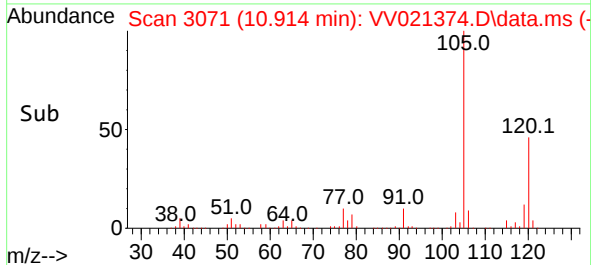
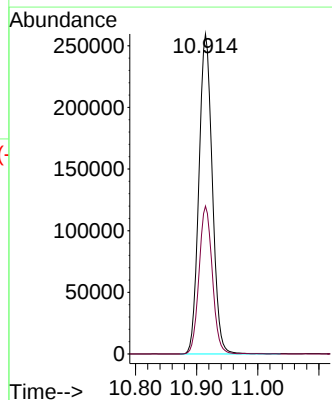
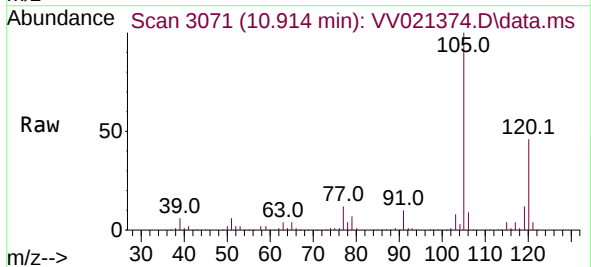
Instrument :
MSVOA_V
ClientSampled :

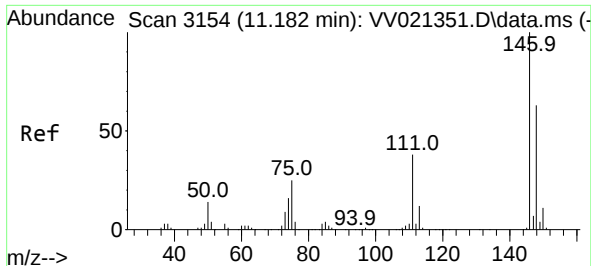
Tgt Ion:105 Resp: 380302
Ion Ratio Lower Upper
105 100
120 49.9 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 4.93 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:105 Resp: 395209
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1

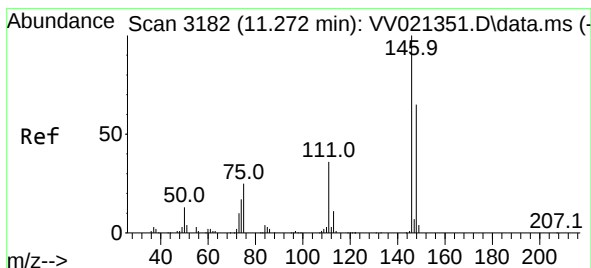
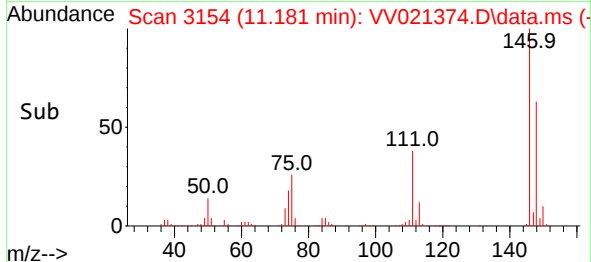
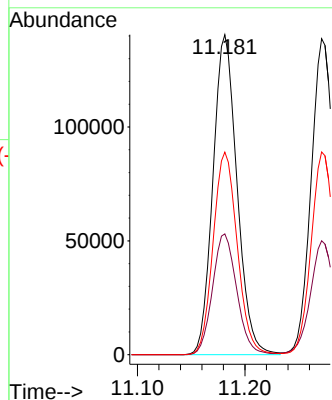
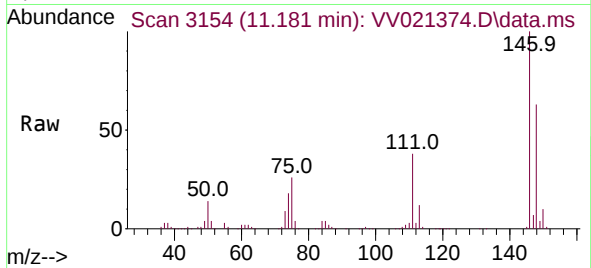




#64
1,3-Dichlorobenzene
Concen: 4.96 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

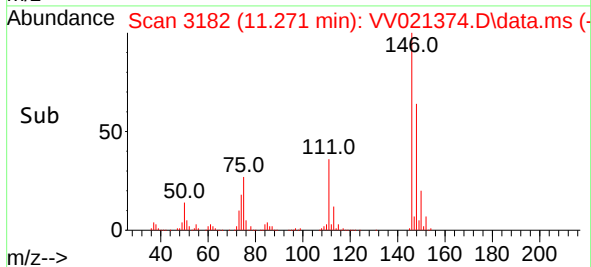
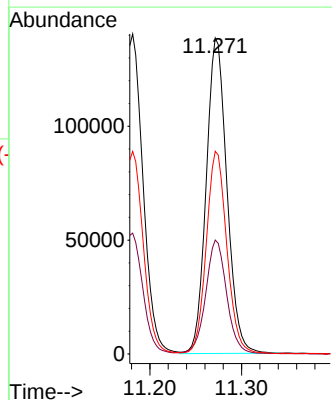
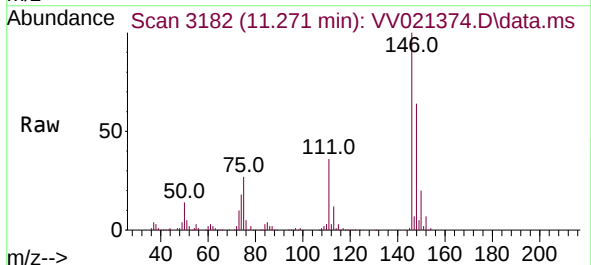
Instrument :
MSVOA_V
ClientSampled :

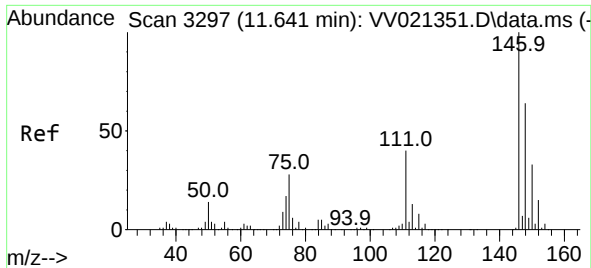
Tgt Ion:146 Resp: 218552
Ion Ratio Lower Upper
146 100
111 37.8 26.8 49.8
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.92 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:146 Resp: 216890
Ion Ratio Lower Upper
146 100
111 36.1 25.8 47.8
148 64.1 43.9 81.5

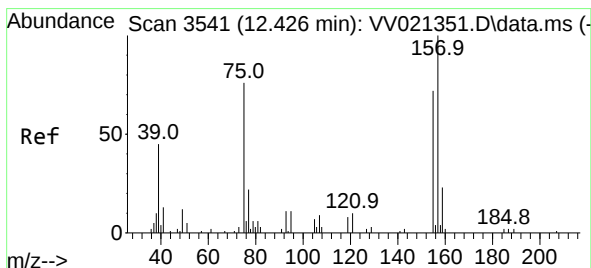
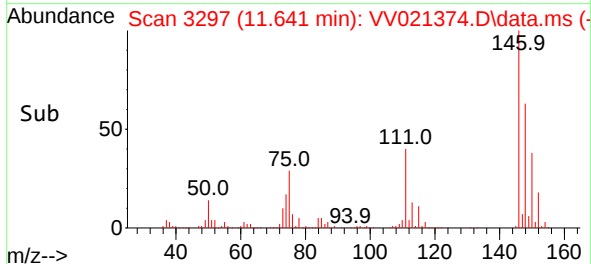
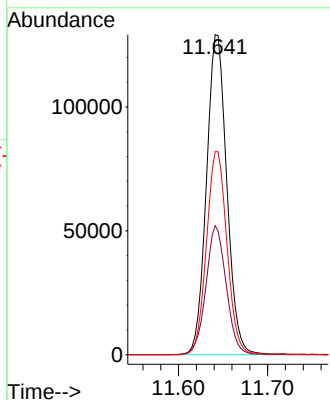
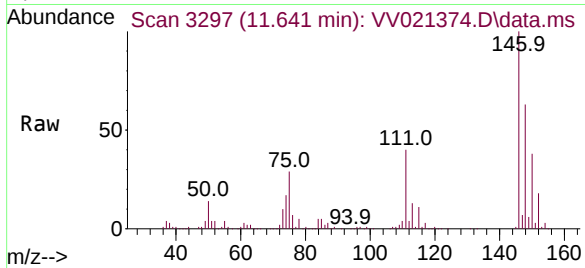




#67
1,2-Dichlorobenzene
Concen: 5.02 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

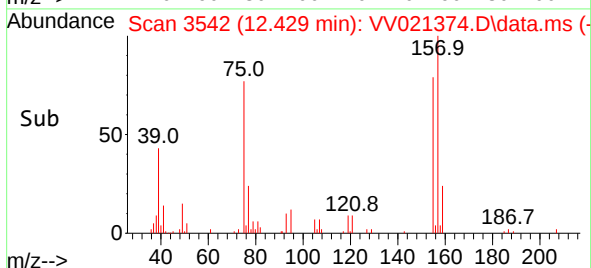
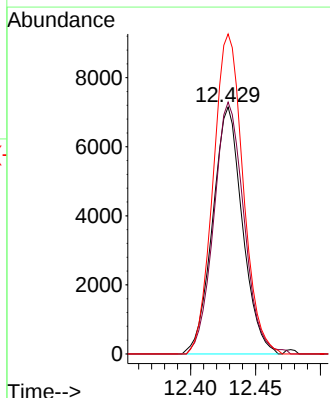
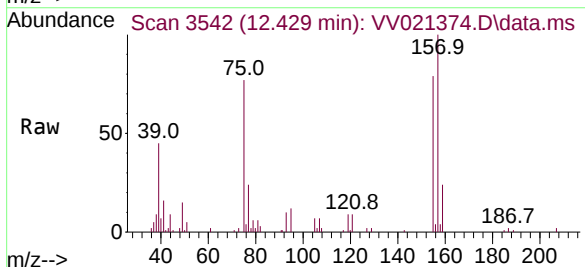
Instrument :
MSVOA_V
ClientSampled :

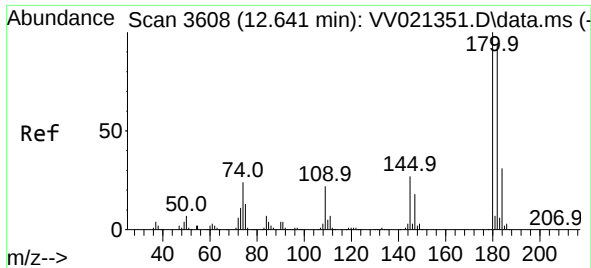
Tgt Ion:146 Resp: 204365
Ion Ratio Lower Upper
146 100
111 40.3 32.6 49.0
148 63.5 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.40 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

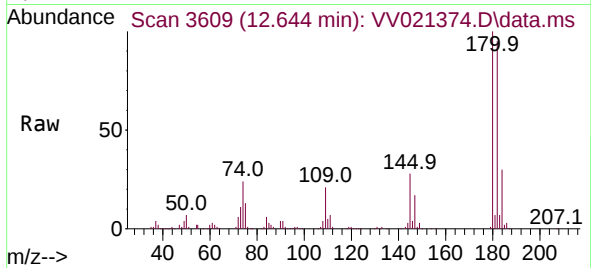
Tgt Ion: 75 Resp: 11401
Ion Ratio Lower Upper
75 100
155 102.0 72.8 109.2
157 129.6 94.7 142.1



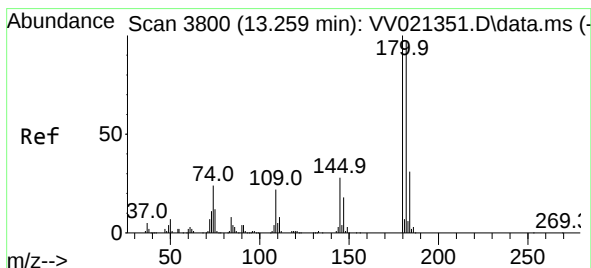
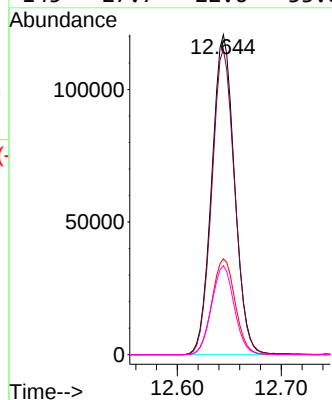
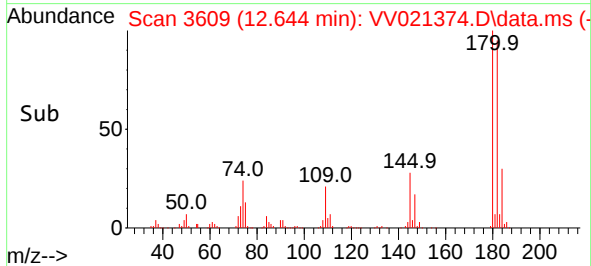


#69
1,3,5-Trichlorobenzene
Concen: 4.81 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

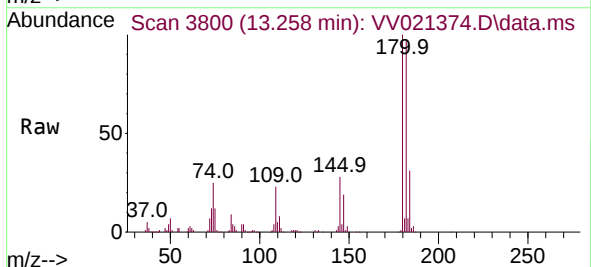
Instrument :
MSVOA_V
ClientSampled :



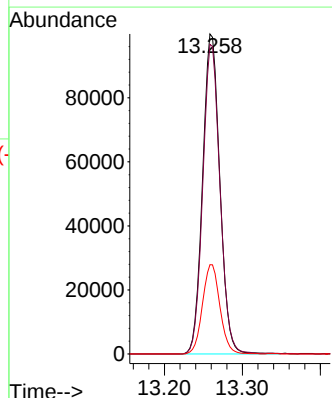
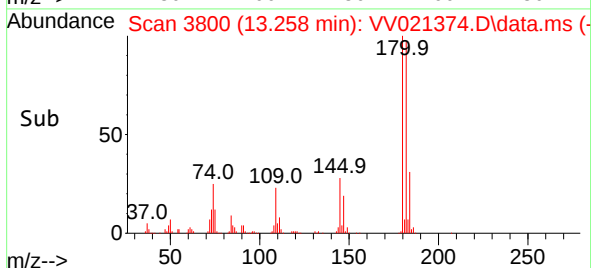
Tgt Ion:180 Resp: 183373
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
184 30.6 24.4 36.6
145 27.7 22.6 33.8

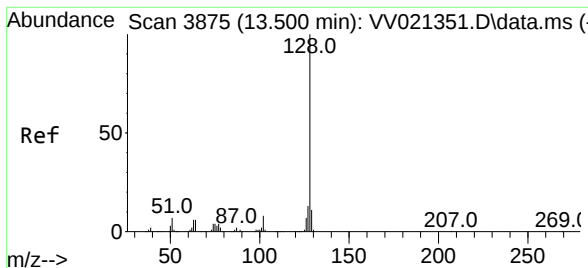


#70
1,2,4-trichlorobenzene
Concen: 5.13 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26



Tgt Ion:180 Resp: 153488
Ion Ratio Lower Upper
180 100
182 96.4 75.7 113.5
145 28.2 23.0 34.4

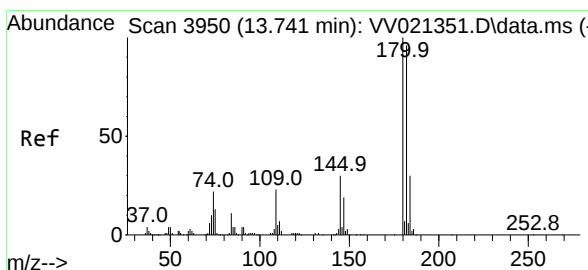
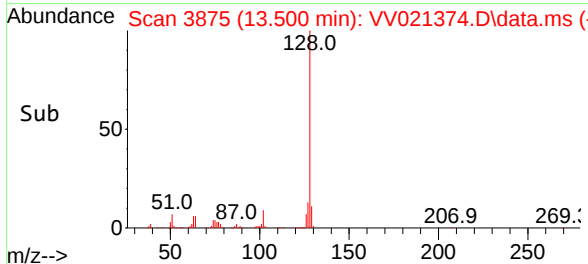
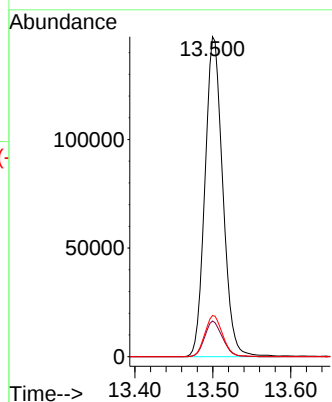
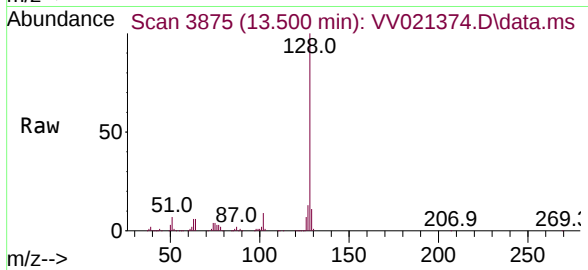




#71
Naphthalene
Concen: 5.73 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 233759
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.25 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV021374.D
Acq: 21 May 2021 21:26

Tgt Ion:180 Resp: 138326
Ion Ratio Lower Upper
180 100
182 96.6 75.9 113.9
145 30.5 24.6 37.0

