

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022369.D
 Acq On : 28 Sep 2021 15:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 29 01:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 29 01:30:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	265398	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	141770	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97469	43.275	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.560%
7) Chloroethane-d5	1.555	69	80174	45.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.105	63	179876	45.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.860%
21) 2-Butanone-d5	3.867	46	156772	98.627	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.630%
24) Chloroform-d	4.342	84	194897	47.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	5.027	65	117113	46.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
32) Benzene-d6	5.047	84	386838	47.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.340%
36) 1,2-Dichloropropane-d6	6.066	67	122443	47.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	7.313	98	361091	48.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.220%
43) trans-1,3-Dichloroprop...	7.619	79	56311	47.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.000%
47) 2-Hexanone-d5	8.085	63	106786	101.225	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	179589	47.653	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.300%
66) 1,2-Dichlorobenzene-d4	11.625	152	148355	47.060	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129688	51.275	ug/L	100
3) Chloromethane	1.240	50	128427	49.651	ug/L	100
5) Vinyl chloride	1.307	62	121500	50.332	ug/L	99
6) Bromomethane	1.503	94	78795	50.850	ug/L	98
8) Chloroethane	1.574	64	73908	50.212	ug/L	98
9) Trichlorofluoromethane	1.744	101	168141	51.302	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	96567	52.550	ug/L	98
12) 1,1-Dichloroethene	2.111	96	88813	50.876	ug/L	93
13) Acetone	2.156	43	139485	111.806	ug/L	96
14) Carbon disulfide	2.288	76	271578	49.858	ug/L	99
15) Methyl Acetate	2.423	43	117121	50.368	ug/L	99
16) Methylene chloride	2.500	84	112414	46.206	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	100511	49.925	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	305962	51.106	ug/L	100
19) 1,1-Dichloroethane	3.185	63	181920	50.062	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	107758	50.256	ug/L	100
22) 2-Butanone	3.950	43	169159	103.073	ug/L	98
23) Bromochloromethane	4.243	128	58849	50.626	ug/L	98
25) Chloroform	4.371	83	184638	49.323	ug/L	96

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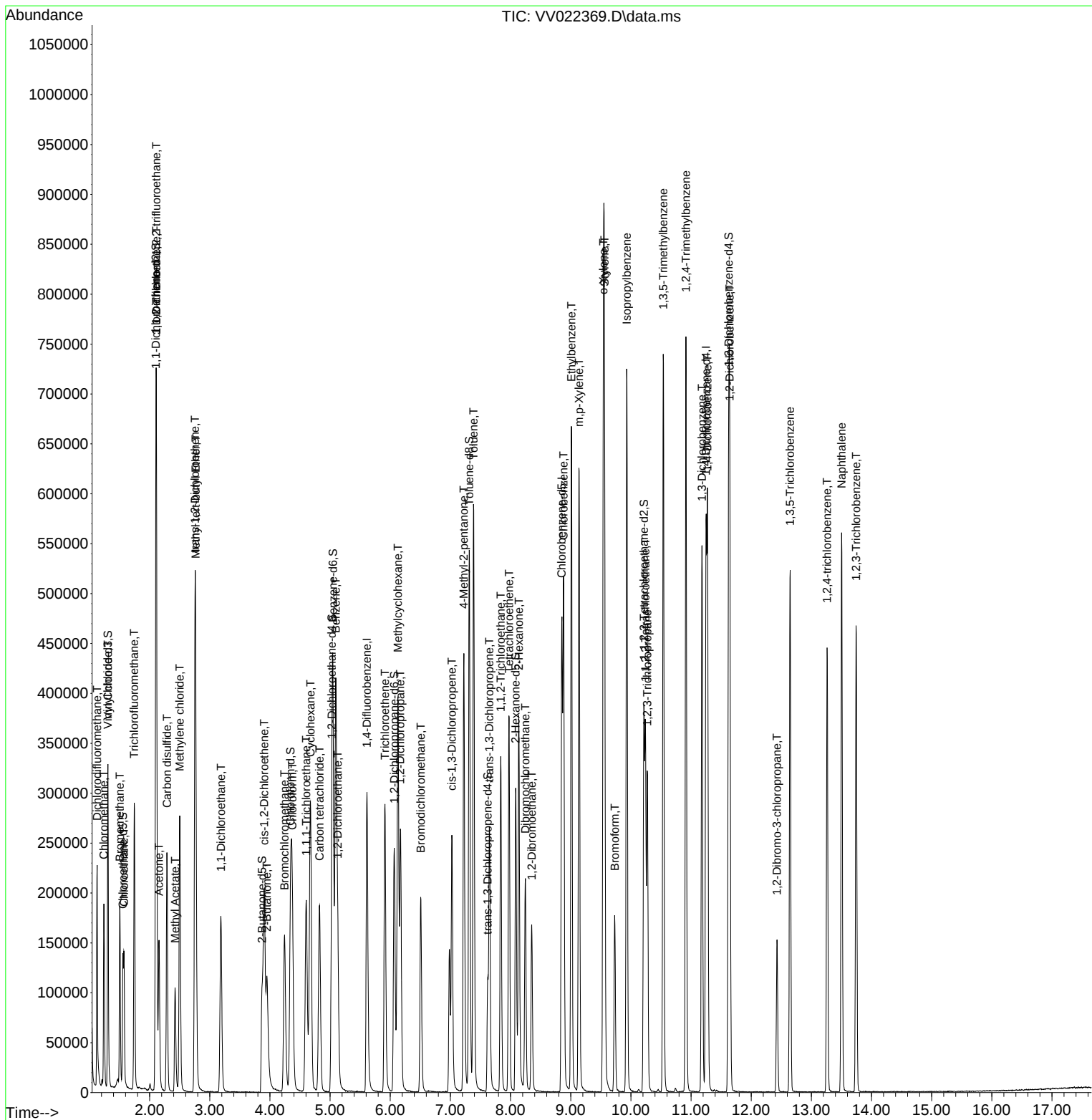
Instrument :
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 ClientSampleId :

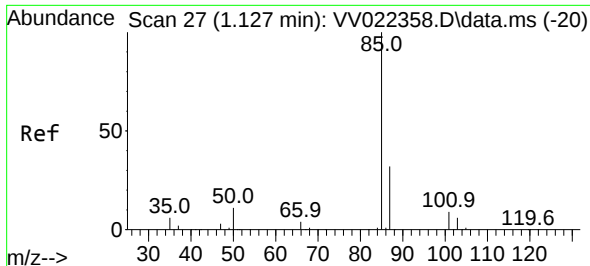
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	131252	49.307	ug/L	99
29) Cyclohexane	4.674	56	157283	52.033	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	159191	51.415	ug/L	99
31) Carbon tetrachloride	4.825	117	138710	50.869	ug/L	99
33) Benzene	5.095	78	407526	51.767	ug/L	100
34) Trichloroethene	5.911	95	101868	50.317	ug/L	99
35) Methylcyclohexane	6.127	83	166295	53.320	ug/L	99
37) 1,2-Dichloropropane	6.169	63	105158	52.049	ug/L	100
38) Bromodichloromethane	6.506	83	129759	50.231	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	150843	50.726	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	286043	100.616	ug/L	99
42) Toluene	7.384	91	437207	52.029	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	149427	52.628	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	102321	49.762	ug/L	100
46) Tetrachloroethene	7.976	164	86355	51.805	ug/L	96
48) 2-Hexanone	8.136	43	227556	105.399	ug/L	99
49) Dibromochloromethane	8.246	129	110382	50.732	ug/L	98
50) 1,2-Dibromoethane	8.352	107	111435	50.701	ug/L #	100
51) Chlorobenzene	8.882	112	277060	50.117	ug/L	100
52) Ethylbenzene	9.011	91	458060	52.043	ug/L	100
53) m,p-Xylene	9.140	106	179577	52.979	ug/L	98
54) o-Xylene	9.542	106	176969	53.732	ug/L	97
55) Styrene	9.561	104	308800	53.928	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	171837	50.488	ug/L	99
59) Bromoform	9.731	173	79160	49.770	ug/L	98
60) Isopropylbenzene	9.931	105	461108	52.803	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	127818	48.325	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	386578	53.718	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	396089	54.542	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	227286	51.342	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	228340	50.640	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	228421	50.529	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34223	49.002	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	163265	51.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	136243	50.420	ug/L	100
71) Naphthalene	13.503	128	428920	51.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	143413	51.403	ug/L	99

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

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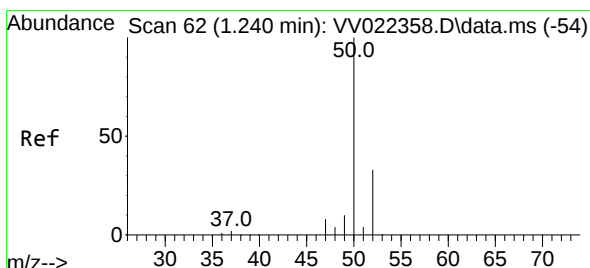
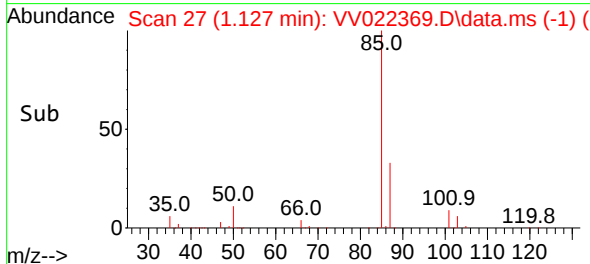
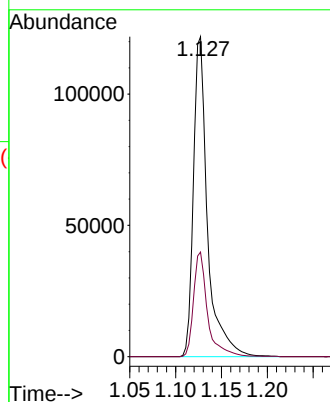
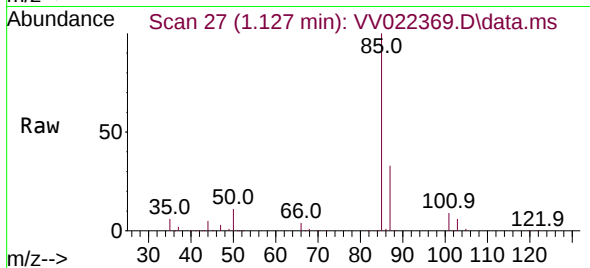




#2
 Dichlorodifluoromethane
 Concen: 51.275 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

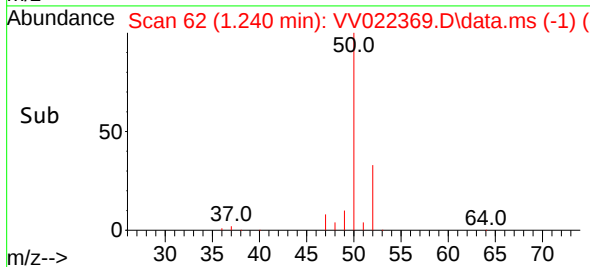
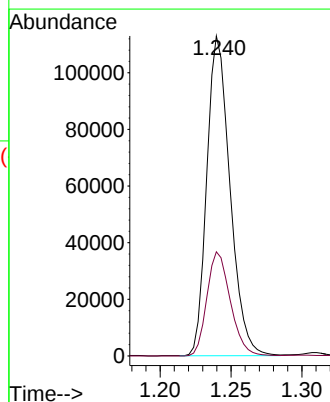
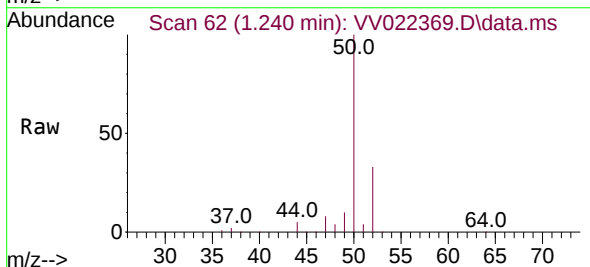
Instrument :
 MSVOA_V
 ClientSampled :

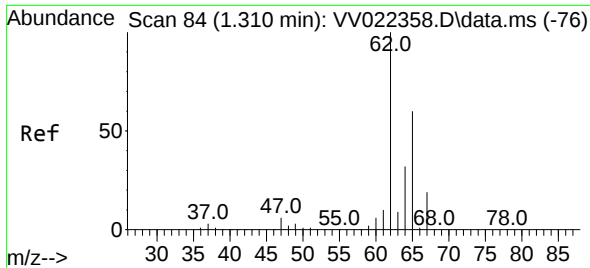
Tgt Ion: 85 Resp: 129688
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 49.651 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

Tgt Ion: 50 Resp: 128427
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.6

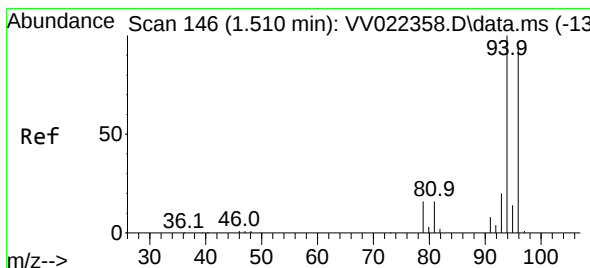
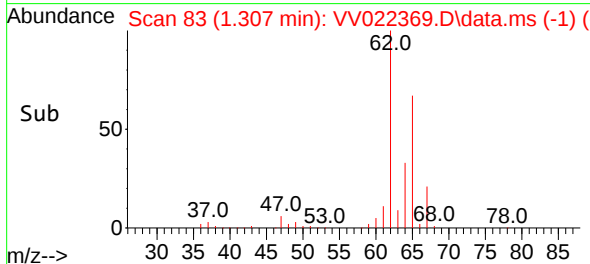
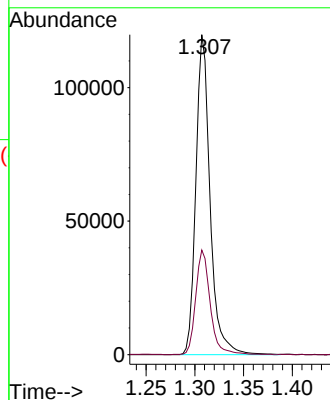
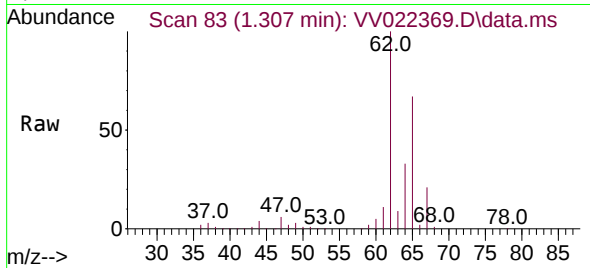




#5
 Vinyl chloride
 Concen: 50.332 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

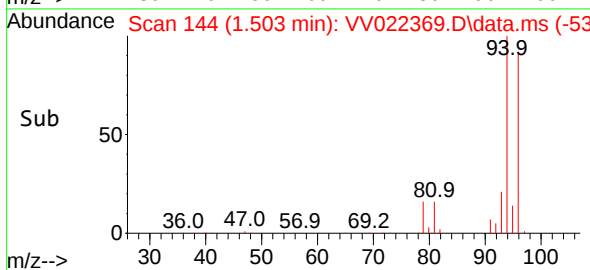
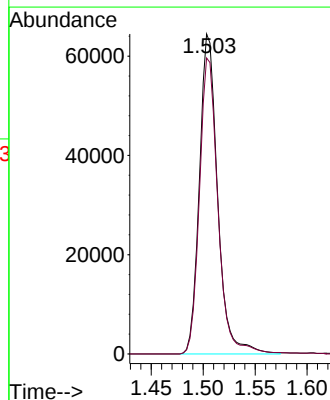
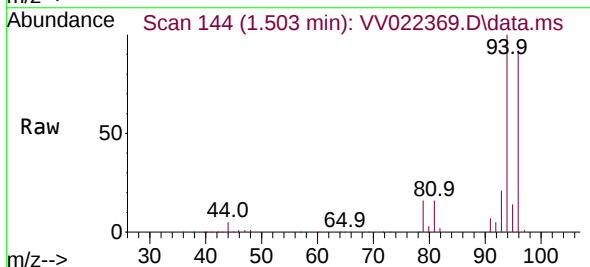
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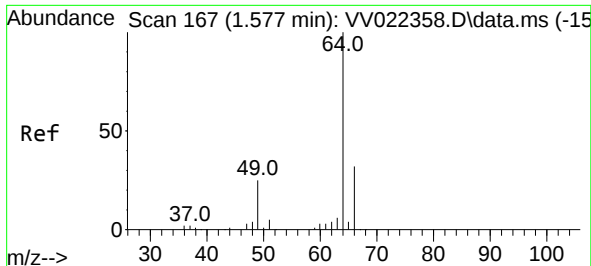
Tgt Ion: 62 Resp: 121500
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.6



#6
 Bromomethane
 Concen: 50.850 ug/L
 RT: 1.503 min Scan# 144
 Delta R.T. -0.007 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

Tgt Ion: 94 Resp: 78795
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.1 122.8

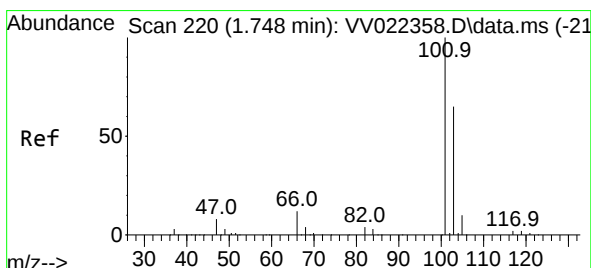
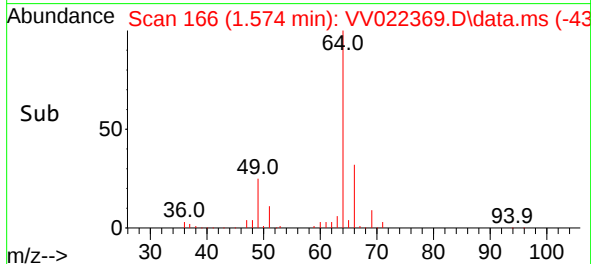
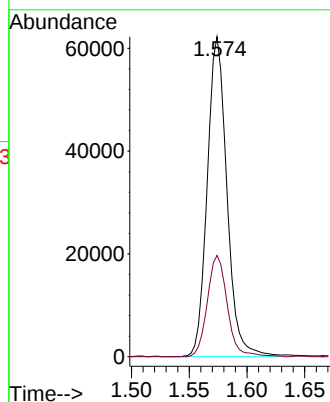
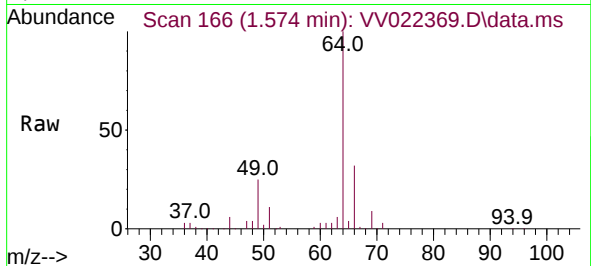




#8
Chloroethane
Concen: 50.212 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

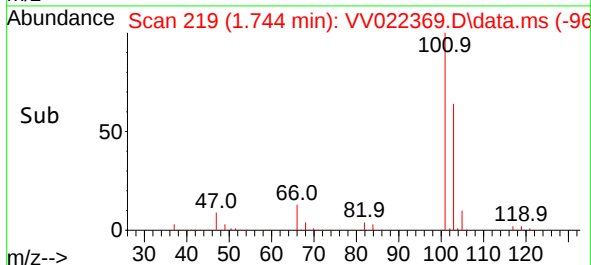
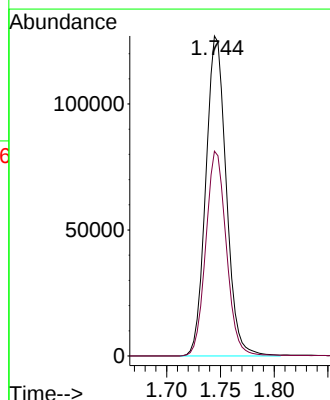
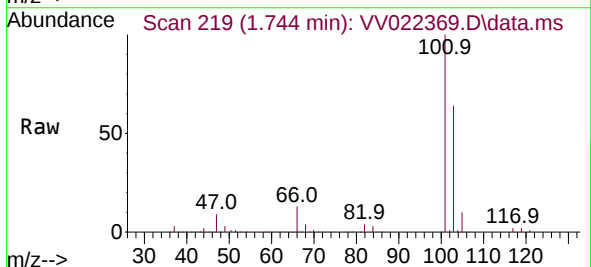
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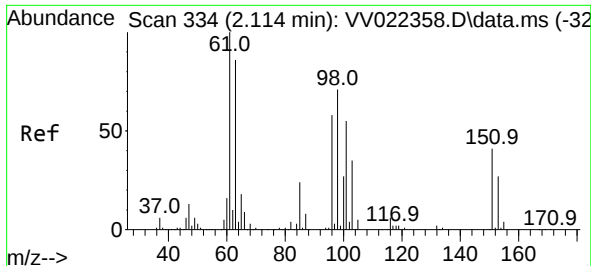
Tgt Ion: 64 Resp: 73908
Ion Ratio Lower Upper
64 100
66 31.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 51.302 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:101 Resp: 168141
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

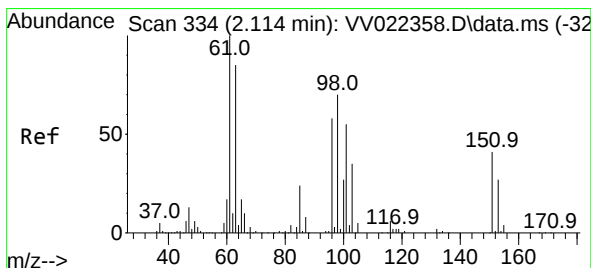
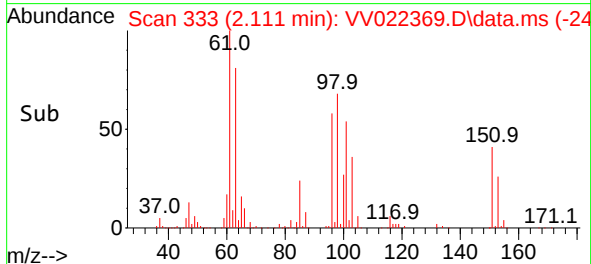
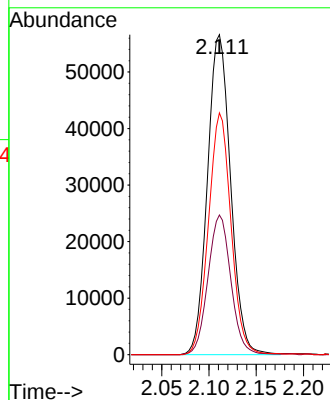
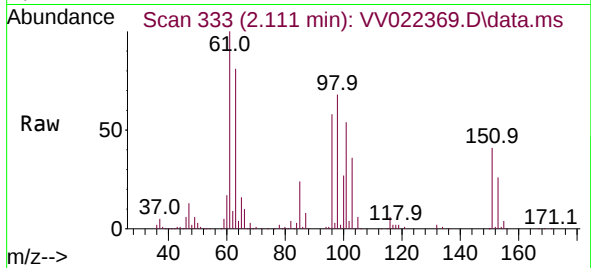




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.550 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

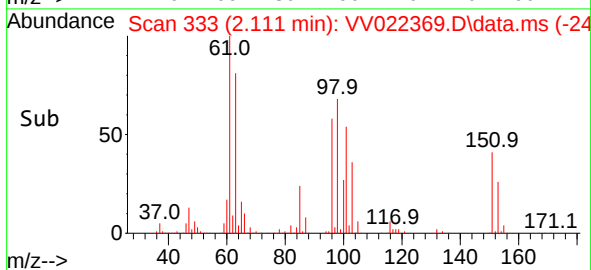
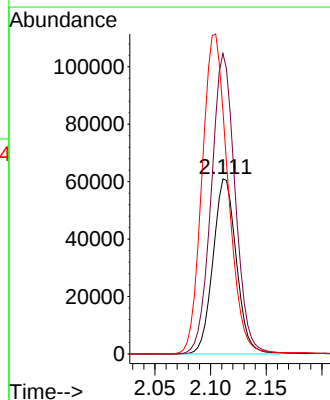
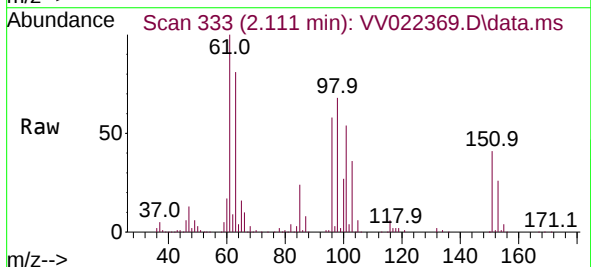
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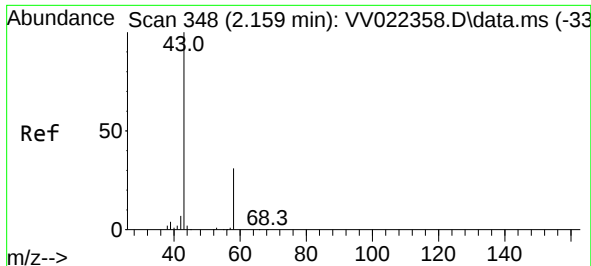
Tgt Ion:101 Resp: 96567
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.5 53.3
 151 73.5 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 50.876 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

Tgt Ion: 96 Resp: 88813
 Ion Ratio Lower Upper
 96 100
 61 171.6 124.4 231.0
 63 139.1 106.0 196.8





#13

Acetone

Concen: 111.806 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.003 min

Lab File: VV022369.D

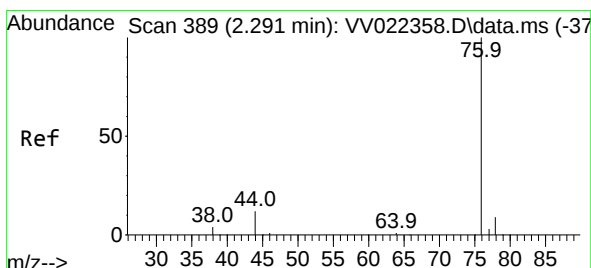
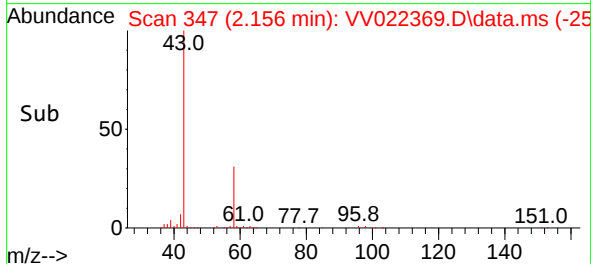
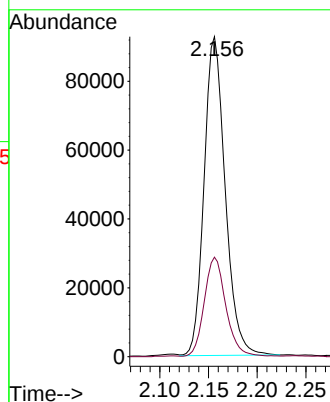
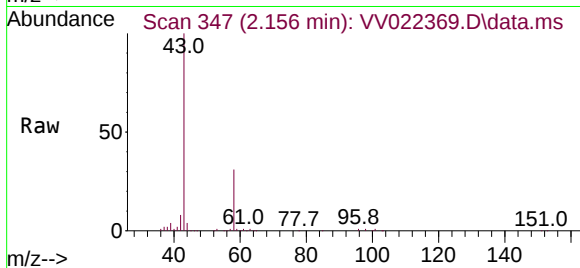
Acq: 28 Sep 2021 15:55

Tgt Ion: 43 Resp: 139485

Ion Ratio Lower Upper

43 100

58 31.5 0.0 67.2



#14

Carbon disulfide

Concen: 49.858 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV022369.D

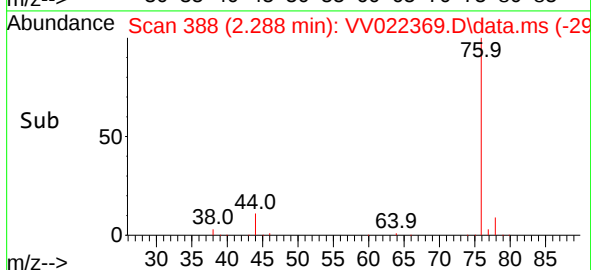
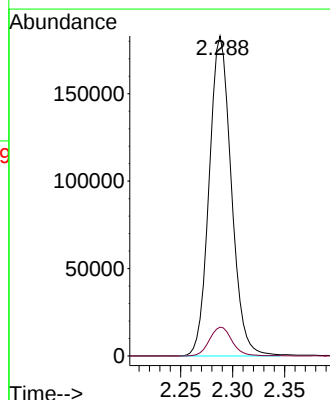
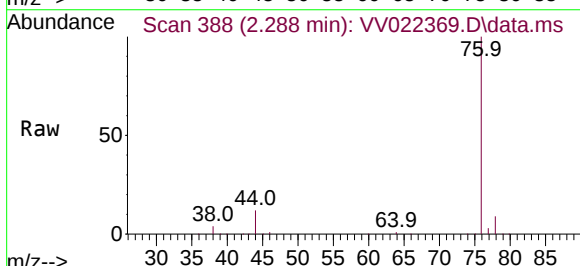
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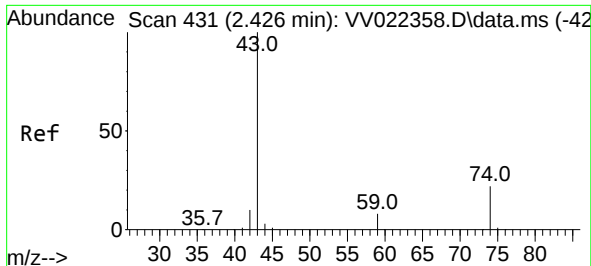
Tgt Ion: 76 Resp: 271578

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

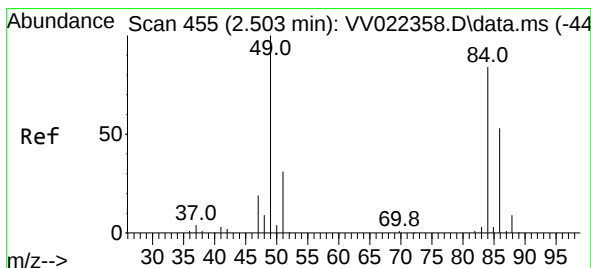
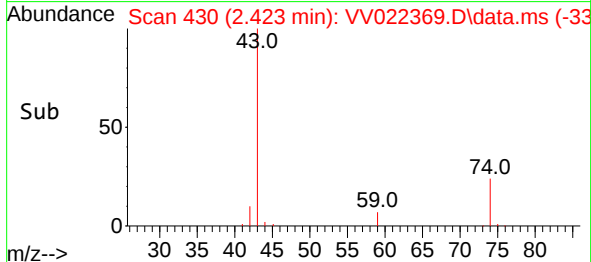
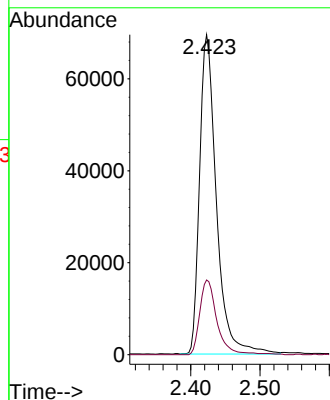
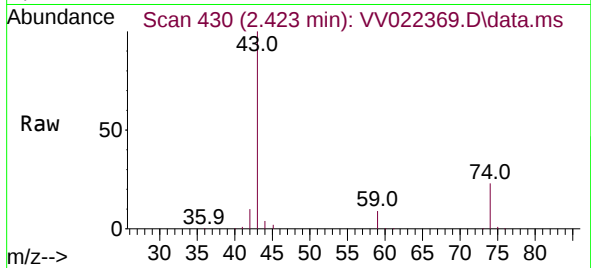




#15
Methyl Acetate
Concen: 50.368 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

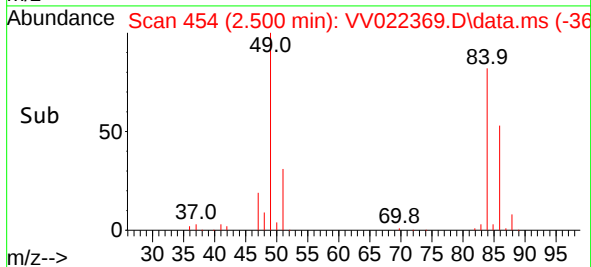
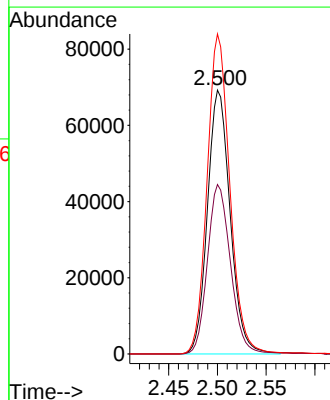
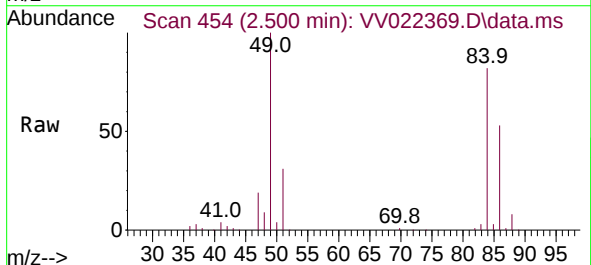
Instrument :
MSVOA_V
ClientSampleId :

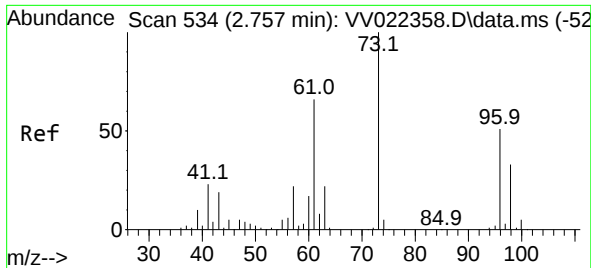
Tgt Ion: 43 Resp: 117121
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6



#16
Methylene chloride
Concen: 46.206 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 84 Resp: 112414
Ion Ratio Lower Upper
84 100
86 64.2 44.6 82.8
49 121.3 85.3 158.3

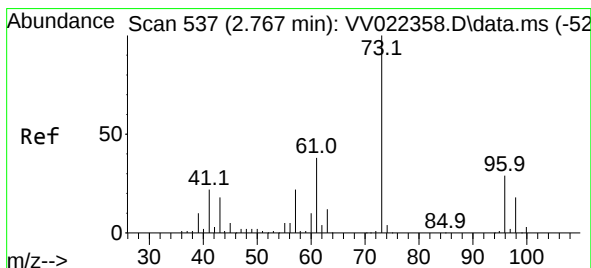
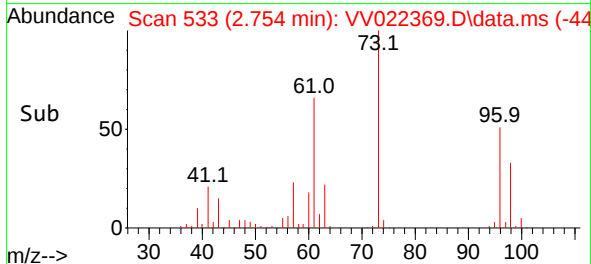
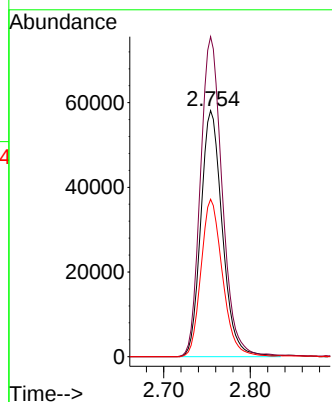
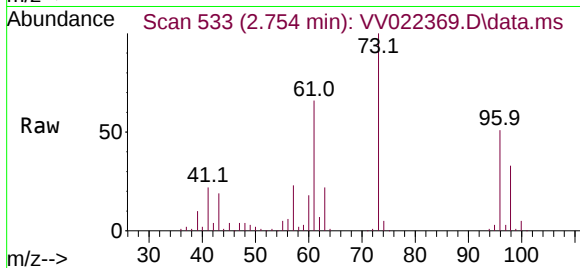




#17
trans-1,2-Dichloroethene
Concen: 49.925 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

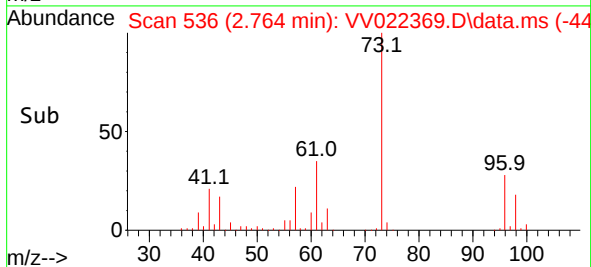
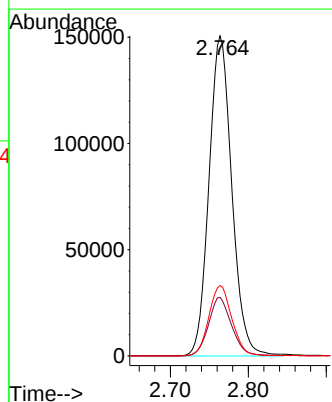
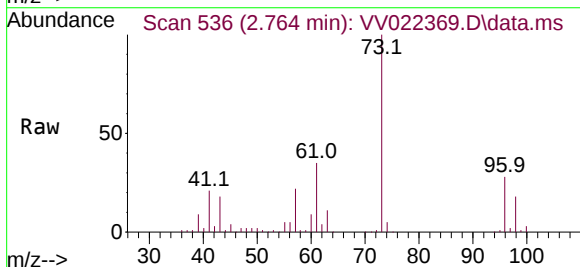
Instrument :
MSVOA_V
ClientSampleId :

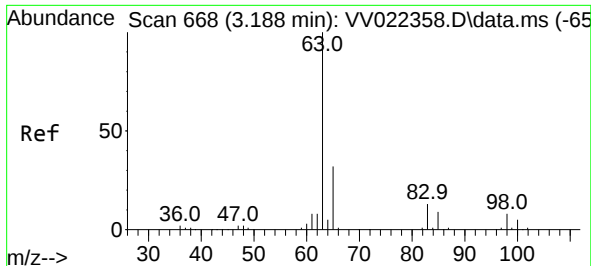
Tgt Ion: 96 Resp: 100511
Ion Ratio Lower Upper
96 100
61 130.1 92.7 172.1
98 64.0 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.106 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 73 Resp: 305962
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 22.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.062 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.003 min

Lab File: VV022369.D

Acq: 28 Sep 2021 15:55

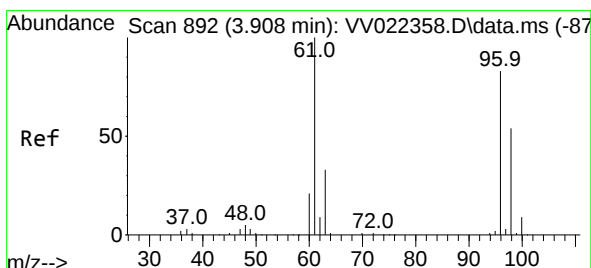
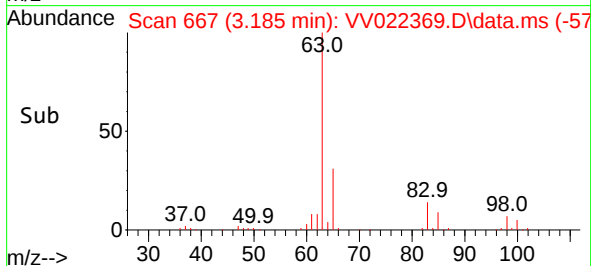
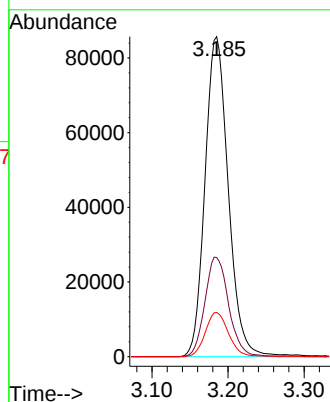
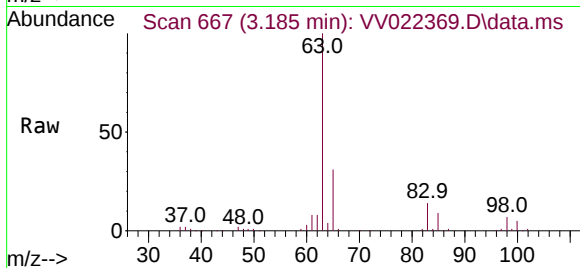
Tgt Ion: 63 Resp: 181920

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.3

83 13.9 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 50.256 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV022369.D

Acq: 28 Sep 2021 15:55

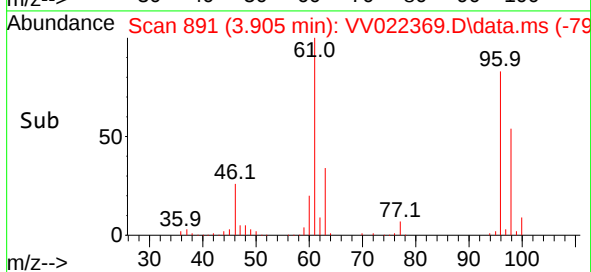
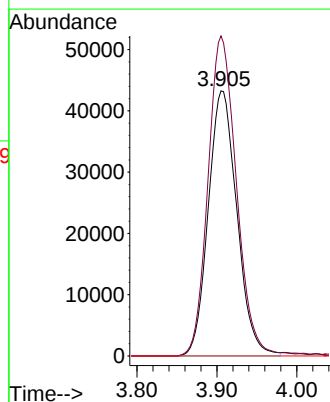
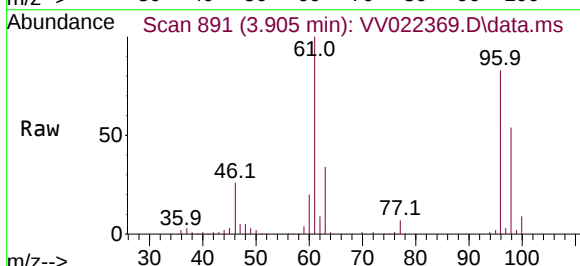
Tgt Ion: 96 Resp: 107758

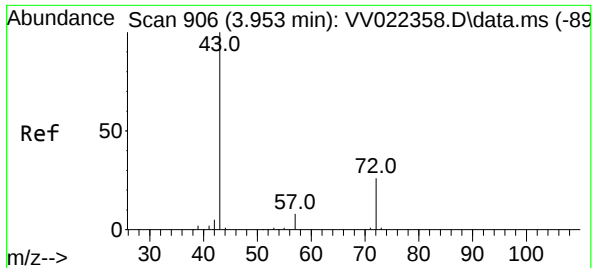
Ion Ratio Lower Upper

96 100

61 120.7 84.6 157.0

68 0.0 0.0 0.0

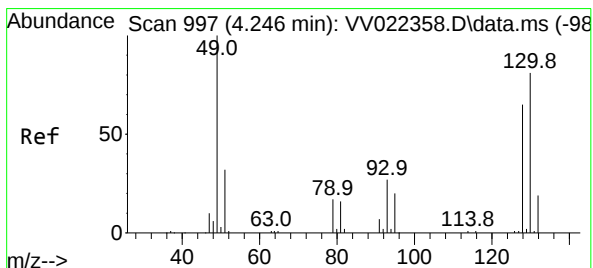
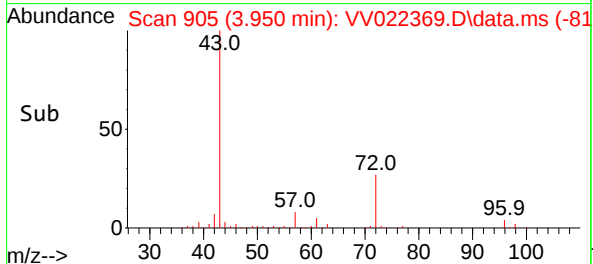
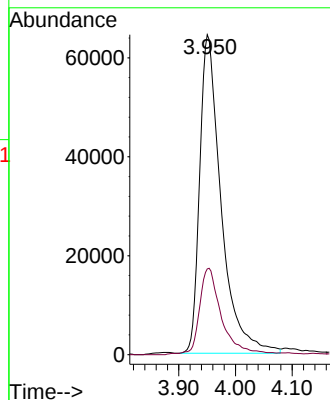
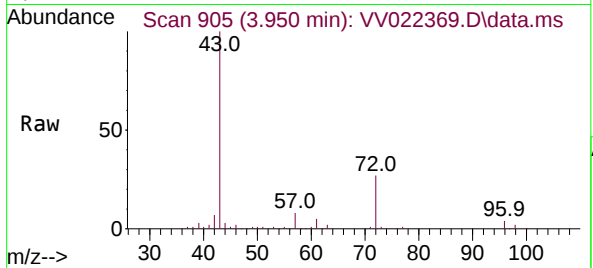




#22
2-Butanone
Concen: 103.073 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

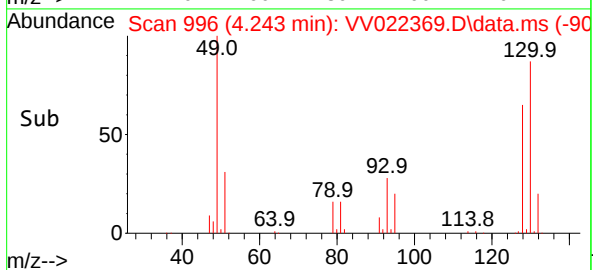
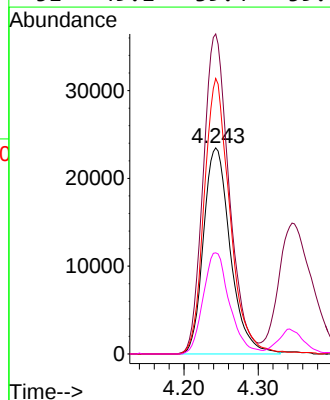
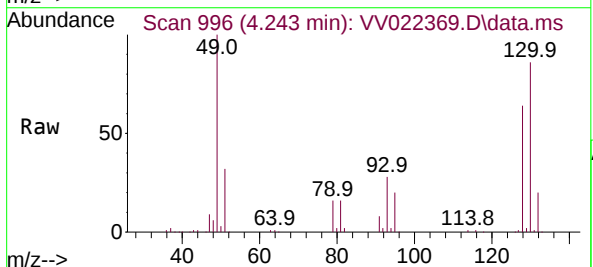
Instrument :
MSVOA_V
ClientSampleId :

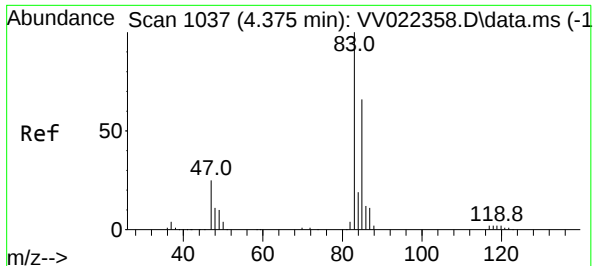
Tgt Ion: 43 Resp: 169159
Ion Ratio Lower Upper
43 100
72 26.8 13.8 41.4



#23
Bromochloromethane
Concen: 50.626 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:128 Resp: 58849
Ion Ratio Lower Upper
128 100
49 155.3 109.1 202.7
130 133.7 89.3 165.9
51 49.1 39.4 59.0





#25

Chloroform

Concen: 49.323 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV022369.D

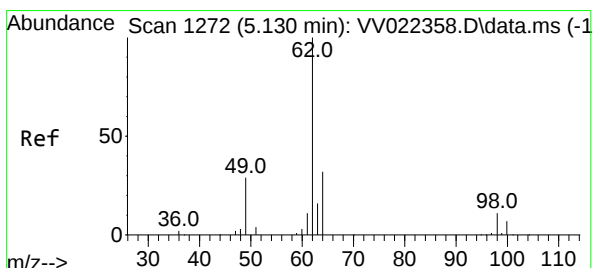
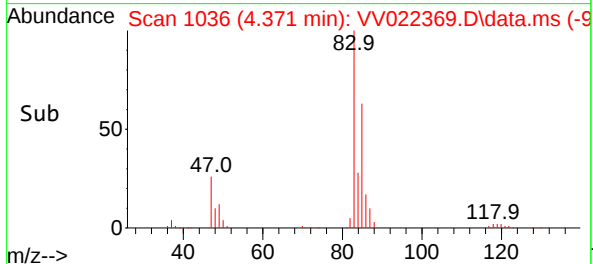
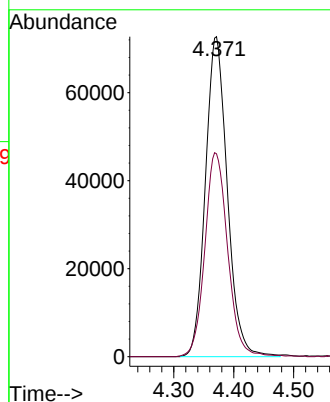
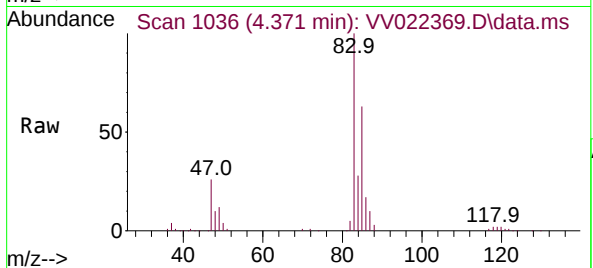
Acq: 28 Sep 2021 15:55

Tgt Ion: 83 Resp: 184638

Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 49.307 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV022369.D

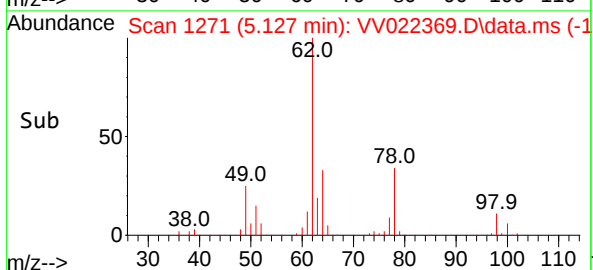
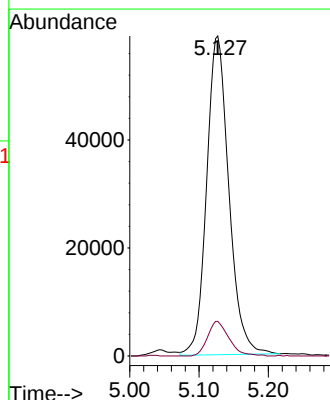
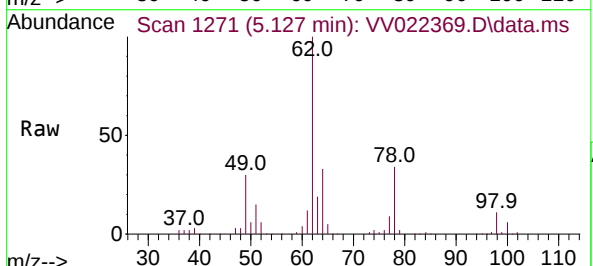
Acq: 28 Sep 2021 15:55

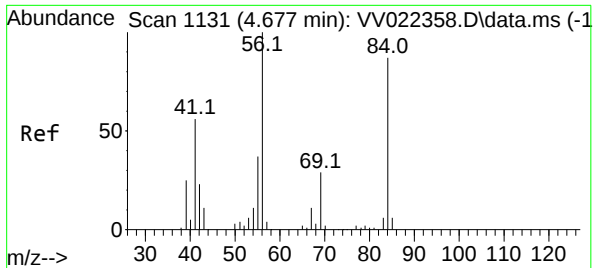
Tgt Ion: 62 Resp: 131252

Ion Ratio Lower Upper

62 100

98 10.8 8.9 13.3





#29

Cyclohexane

Concen: 52.033 ug/L

RT: 4.674 min Scan# 1130

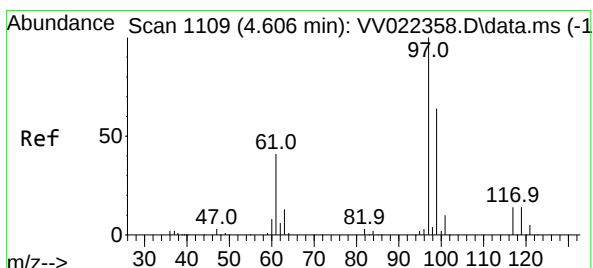
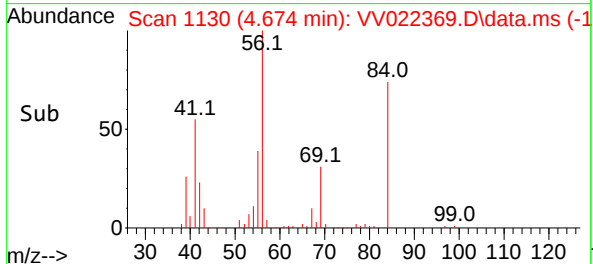
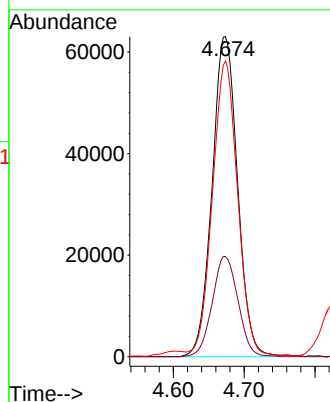
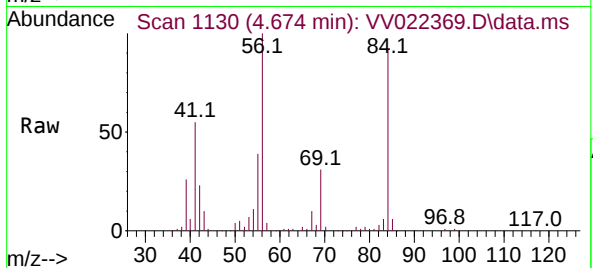
Delta R.T. -0.003 min

Lab File: VV022369.D

Acq: 28 Sep 2021 15:55

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	56	Resp:	157283
Ion Ratio	Lower	Upper	
56	100		
69	31.7	24.6	37.0
84	91.5	71.8	107.8



#30

1,1,1-Trichloroethane

Concen: 51.415 ug/L

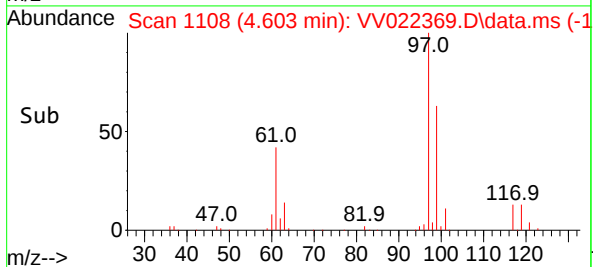
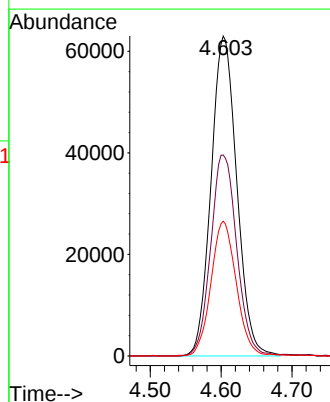
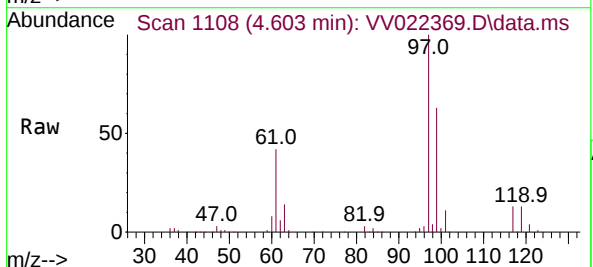
RT: 4.603 min Scan# 1108

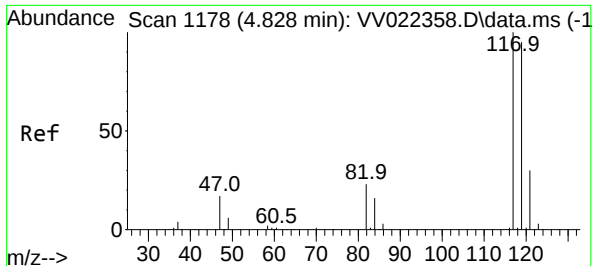
Delta R.T. -0.003 min

Lab File: VV022369.D

Acq: 28 Sep 2021 15:55

Tgt Ion:	97	Resp:	159191
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.2	76.8
61	40.9	33.7	50.5

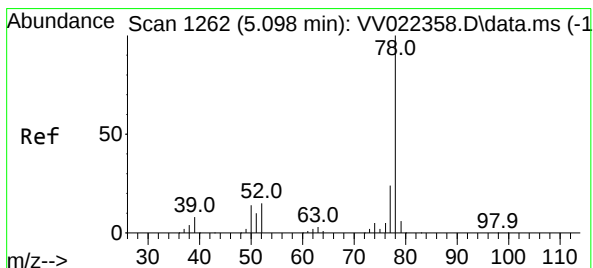
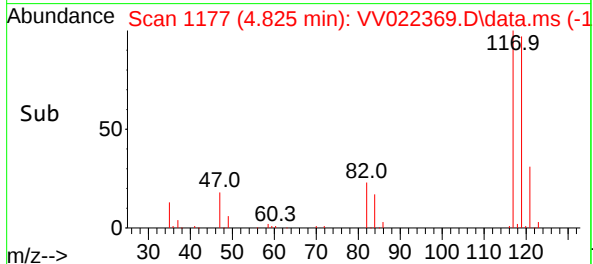
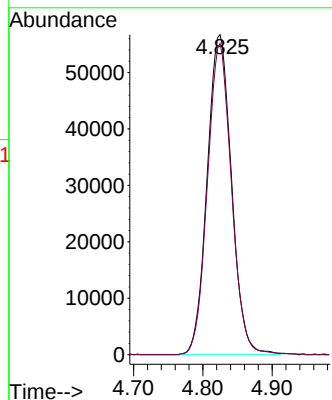
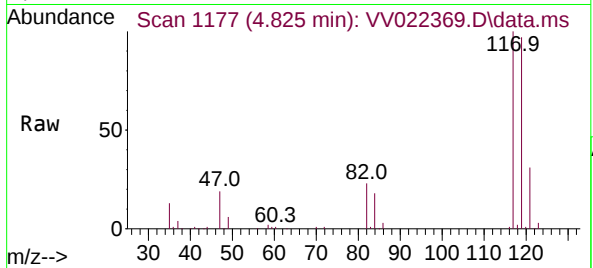




#31
Carbon tetrachloride
Concen: 50.869 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

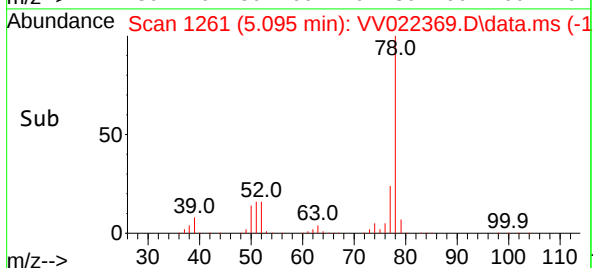
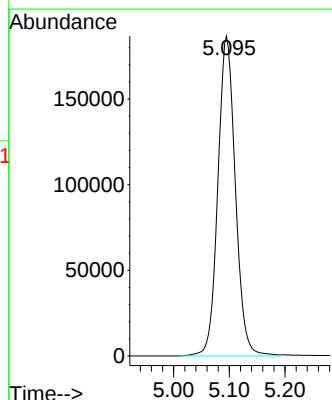
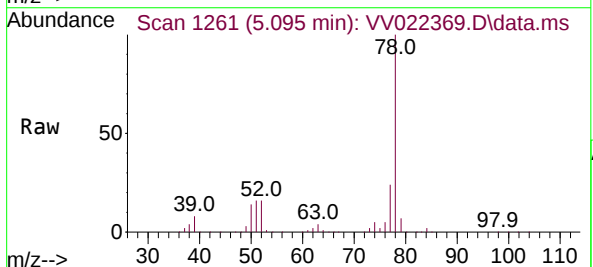
Instrument :
MSVOA_V
ClientSampled :

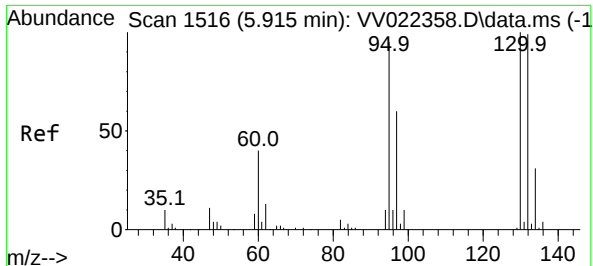
Tgt Ion:117 Resp: 138710
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7



#33
Benzene
Concen: 51.767 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 78 Resp: 407526

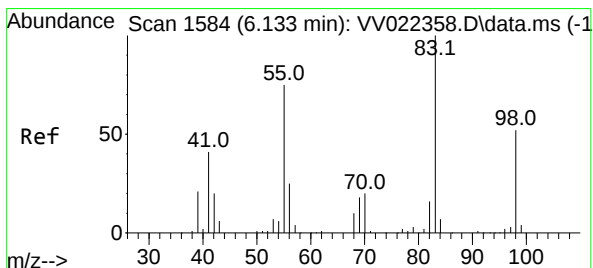
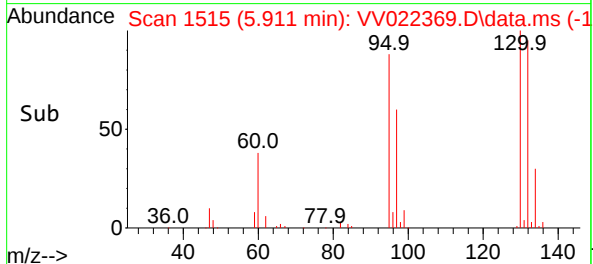
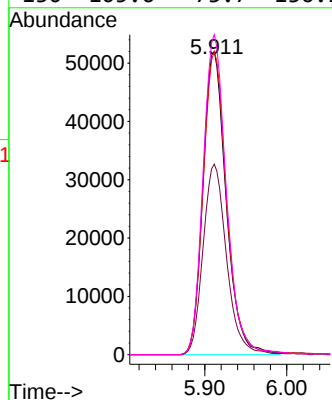
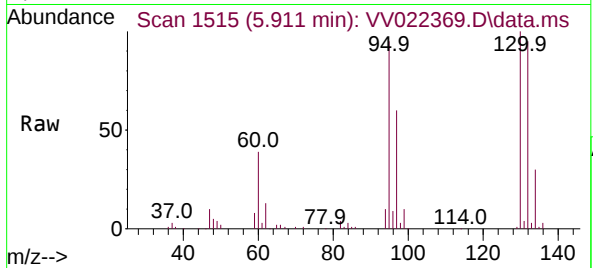




#34
Trichloroethene
Concen: 50.317 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

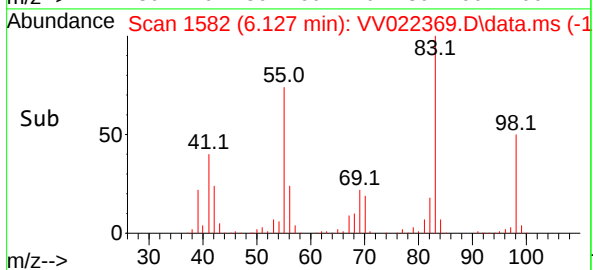
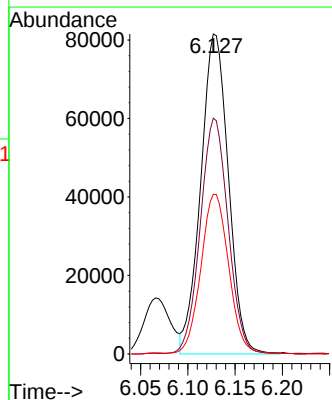
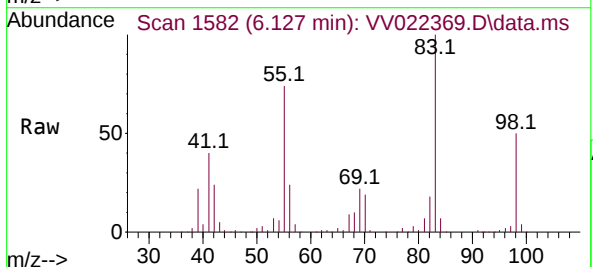
Instrument :
MSVOA_V
ClientSampleId :

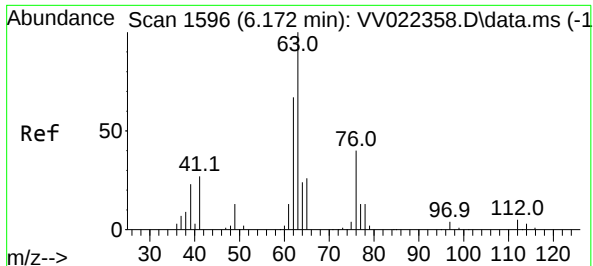
Tgt Ion: 95 Resp: 101868
Ion Ratio Lower Upper
95 100
97 62.9 45.2 84.0
132 100.0 71.0 131.8
130 105.6 73.7 136.9



#35
Methylcyclohexane
Concen: 53.320 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.007 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 83 Resp: 166295
Ion Ratio Lower Upper
83 100
55 73.6 58.6 87.8
98 49.8 39.2 58.8



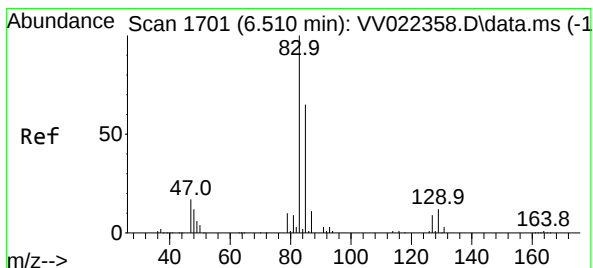
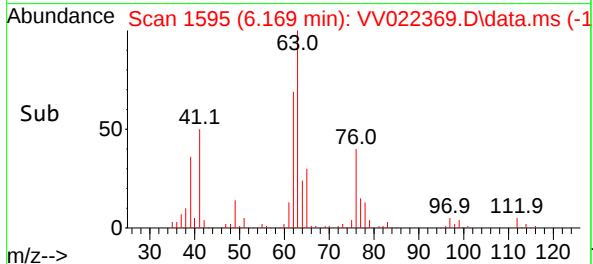
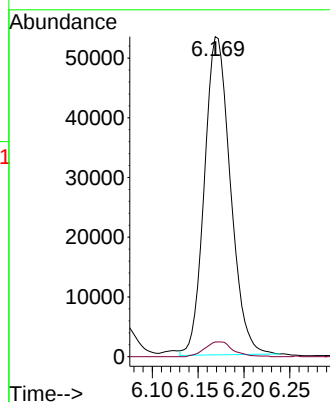
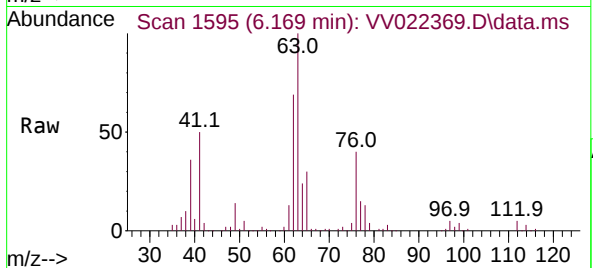


#37

1,2-Dichloropropane
Concen: 52.049 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Instrument :
MSVOA_V
ClientSampleId :

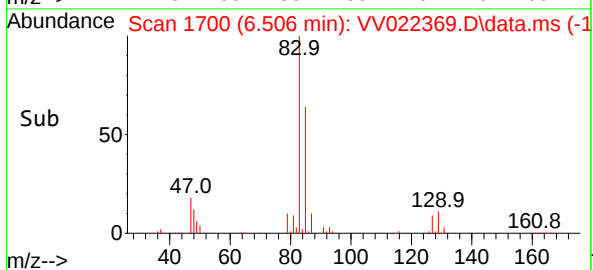
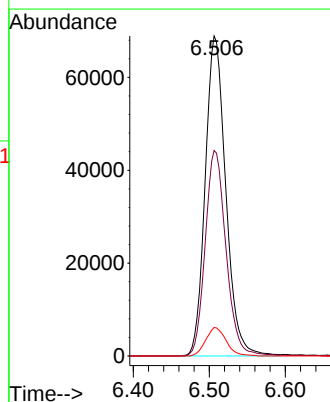
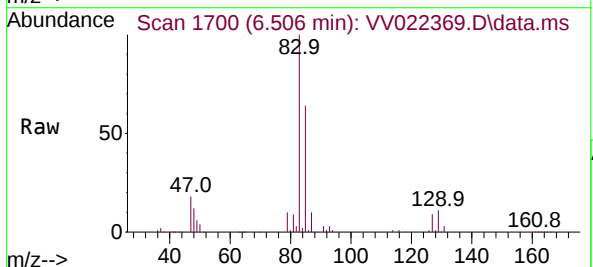
Tgt Ion: 63 Resp: 105158
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9

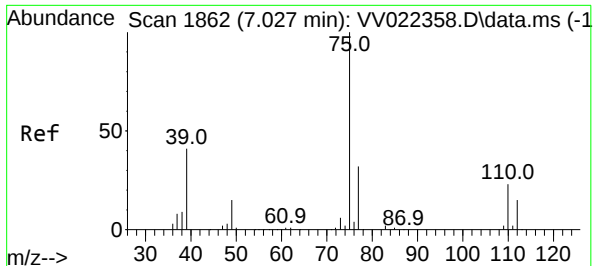


#38

Bromodichloromethane
Concen: 50.231 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 83 Resp: 129759
Ion Ratio Lower Upper
83 100
85 64.2 43.2 80.2
127 8.9 6.6 10.0

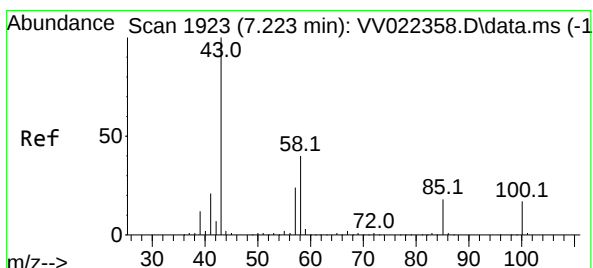
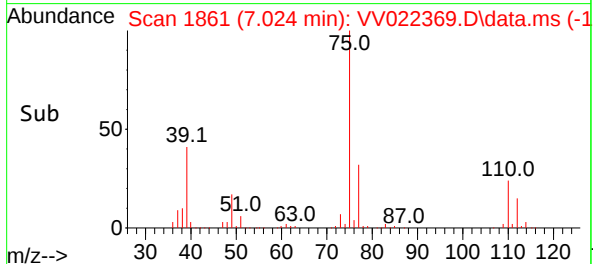
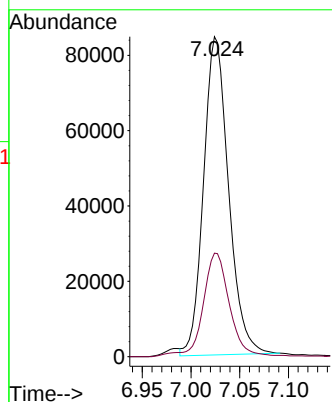
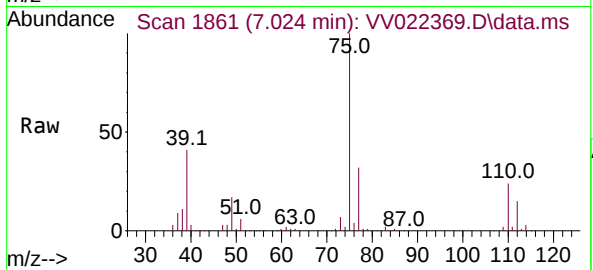




#39
 cis-1,3-Dichloropropene
 Concen: 50.726 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

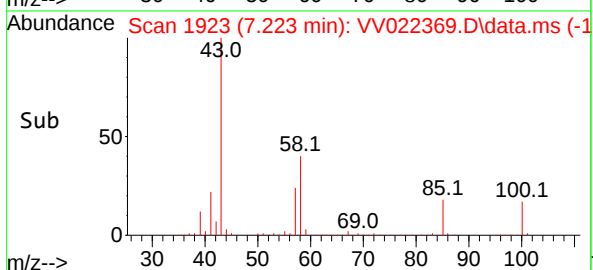
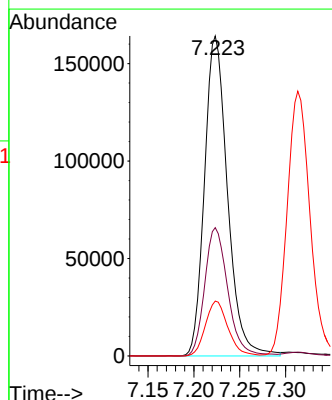
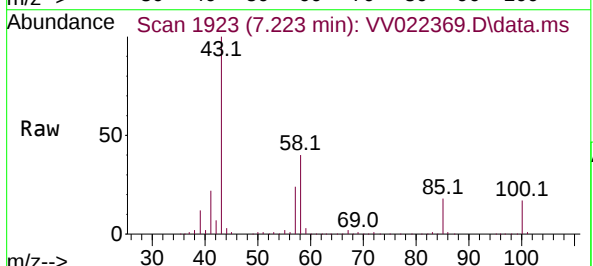
Instrument :
 MSVOA_V
 ClientSampled :

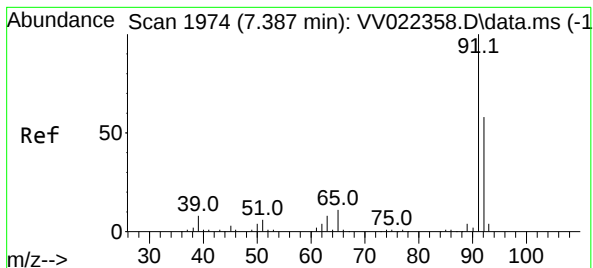
Tgt Ion: 75 Resp: 150843
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 100.616 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV022369.D
 Acq: 28 Sep 2021 15:55

Tgt Ion: 43 Resp: 286043
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.6 47.4
 100 16.8 13.1 19.7





#42

Toluene

Concen: 52.029 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV022369.D

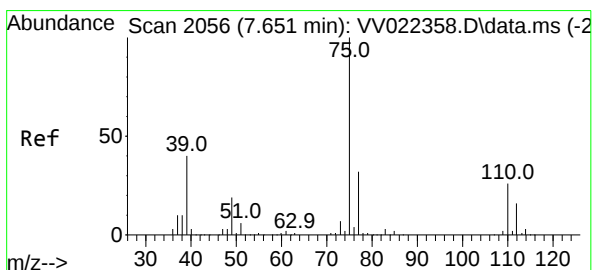
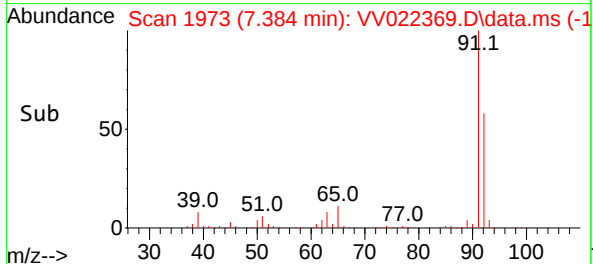
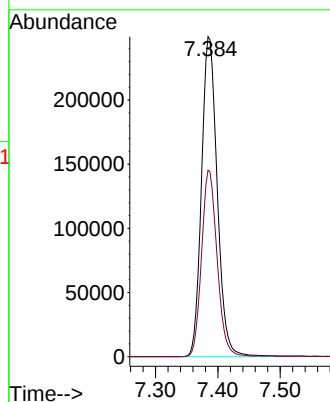
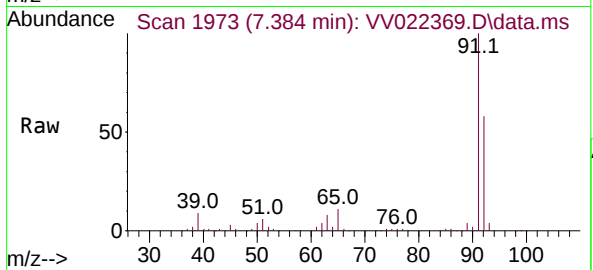
Acq: 28 Sep 2021 15:55

Tgt Ion: 91 Resp: 437207

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 52.628 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV022369.D

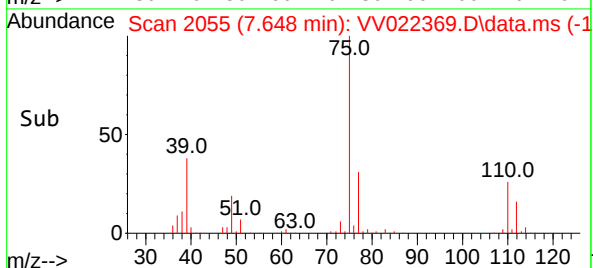
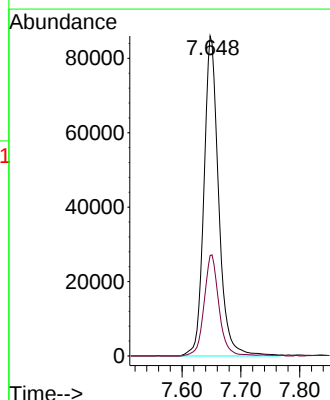
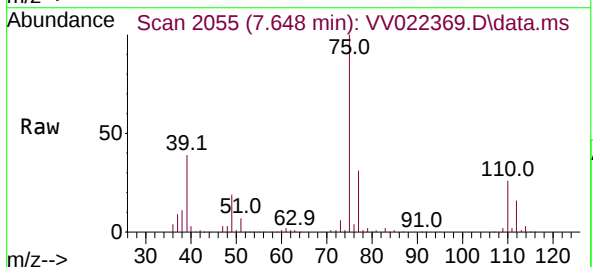
Acq: 28 Sep 2021 15:55

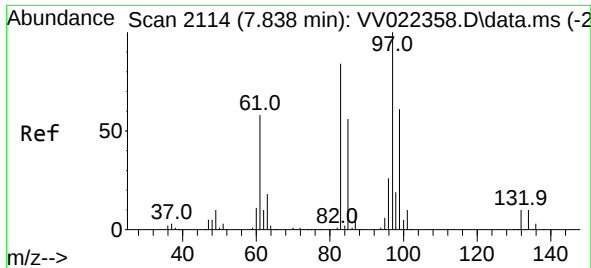
Tgt Ion: 75 Resp: 149427

Ion Ratio Lower Upper

75 100

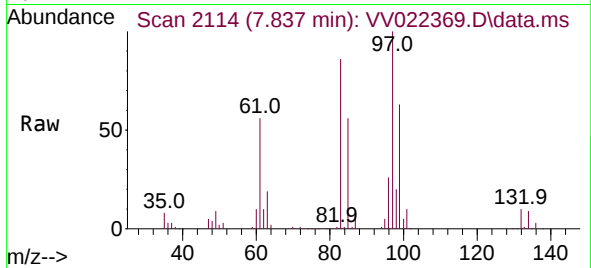
77 31.4 22.3 41.3



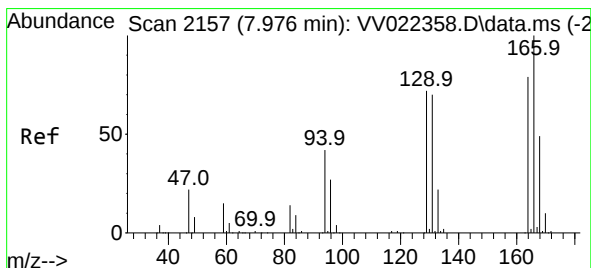
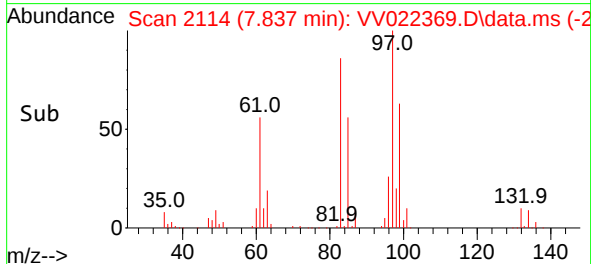
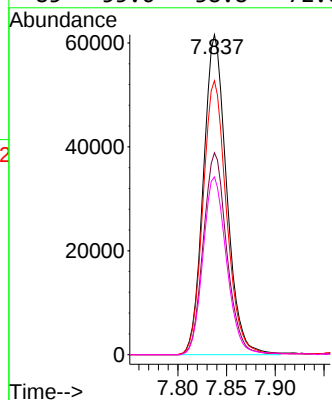


#45
1,1,2-Trichloroethane
Concen: 49.762 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Instrument :
MSVOA_V
ClientSampled :

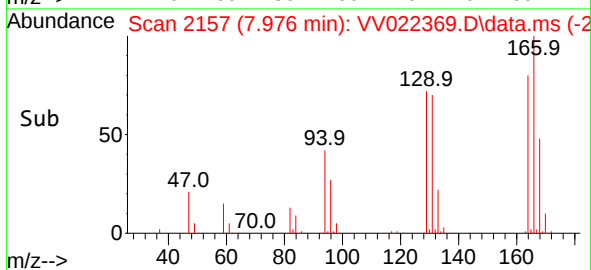
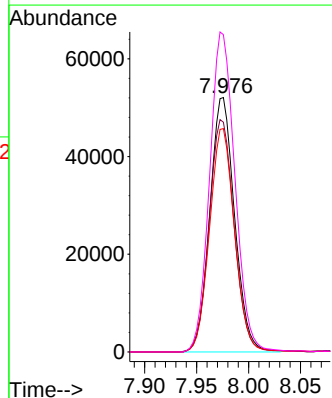
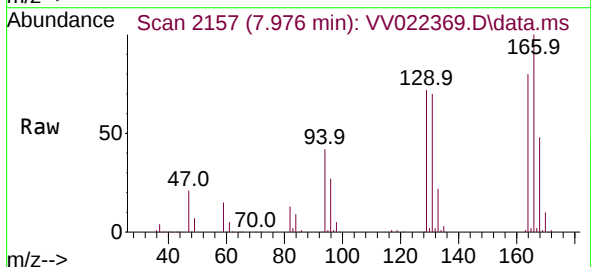


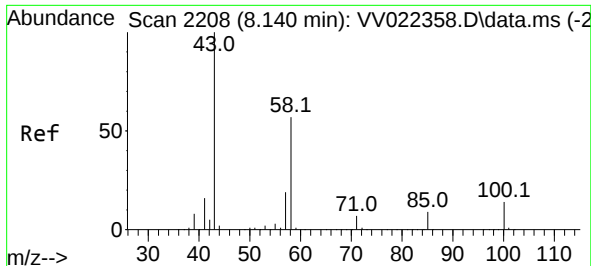
Tgt Ion:	97	Resp:	102321
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.6	82.8
83	85.6	59.8	111.1
85	55.6	38.8	72.0



#46
Tetrachloroethene
Concen: 51.805 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:	164	Resp:	86355
Ion	Ratio	Lower	Upper
164	100		
129	90.3	66.4	123.4
131	87.8	63.6	118.0
166	124.8	91.6	170.0



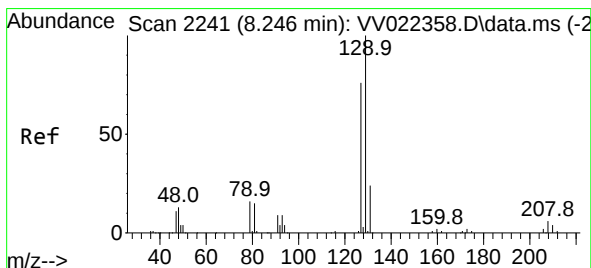
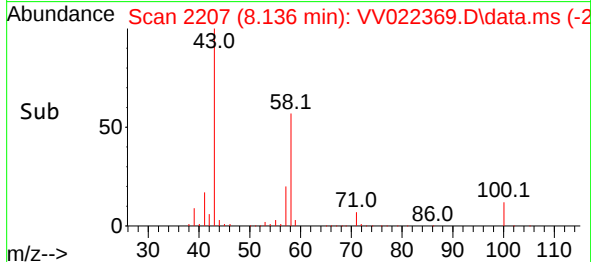
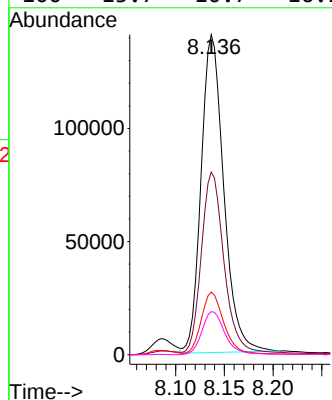
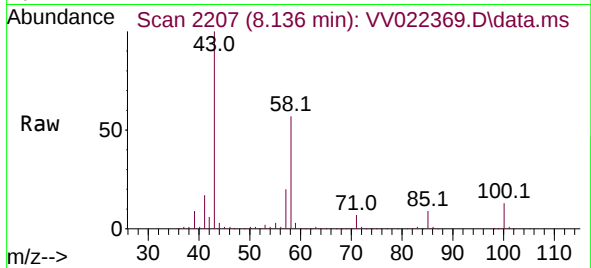


#48
2-Hexanone
Concen: 105.399 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 227556

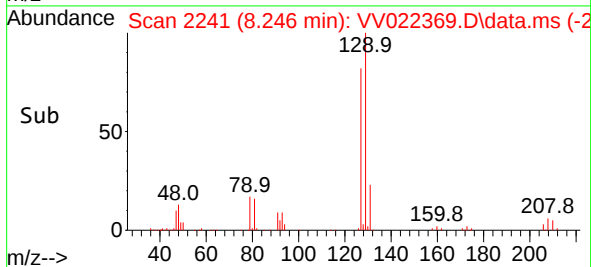
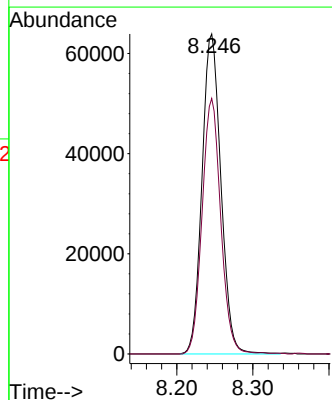
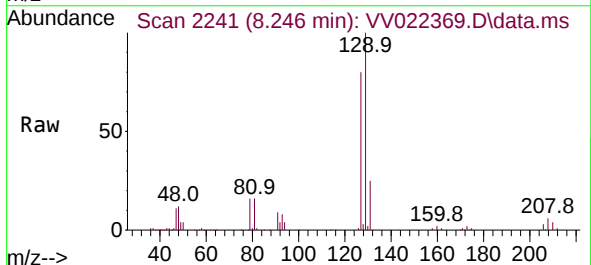
Ion	Ratio	Lower	Upper
43	100		
58	57.4	45.4	68.2
57	19.8	15.0	22.4
100	13.7	10.7	16.1

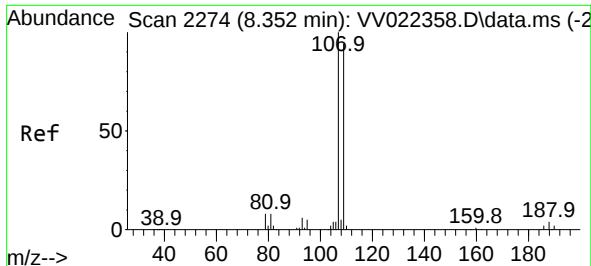


#49
Dibromochloromethane
Concen: 50.732 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 129 Resp: 110382

Ion	Ratio	Lower	Upper
129	100		
127	79.8	54.7	101.7





#50

1,2-Dibromoethane

Concen: 50.701 ug/L

RT: 8.352 min Scan# 2274

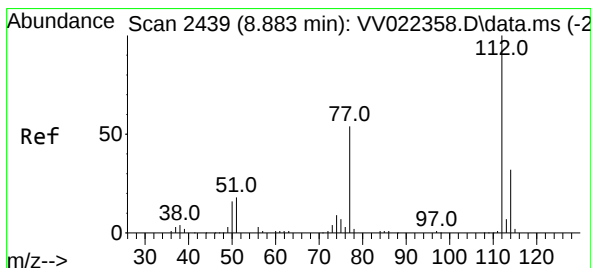
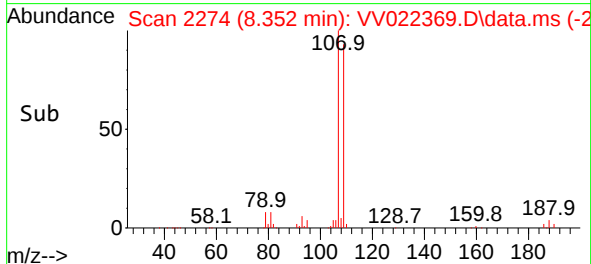
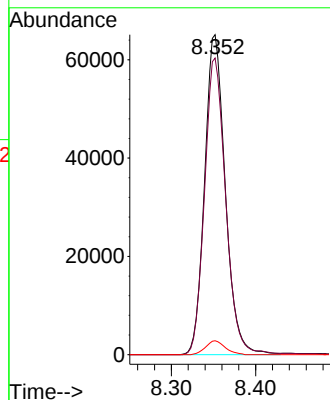
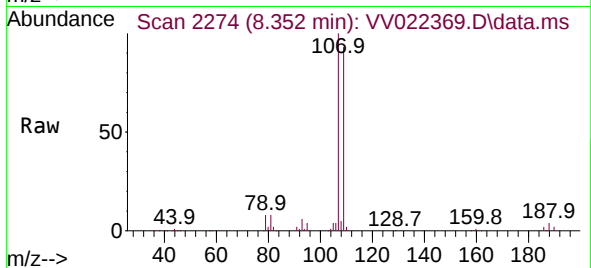
Delta R.T. -0.000 min

Lab File: VV022369.D

Acq: 28 Sep 2021 15:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	107	Resp:	111435
Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.7	120.1
188	4.3	2.9	4.3#



#51

Chlorobenzene

Concen: 50.117 ug/L

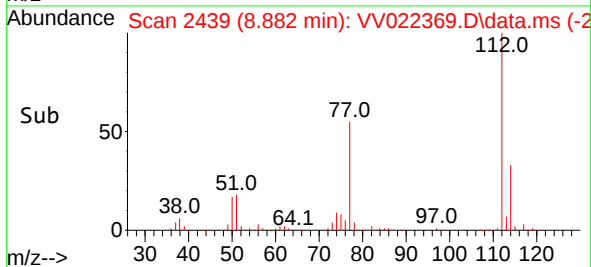
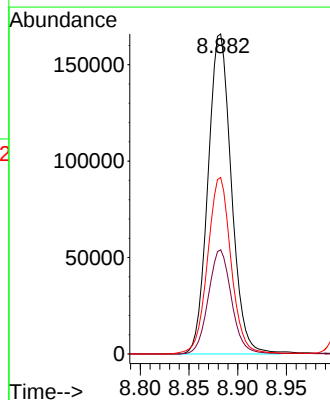
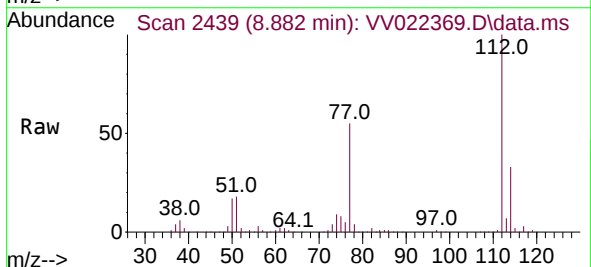
RT: 8.882 min Scan# 2439

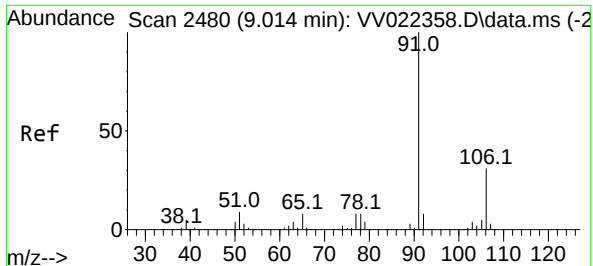
Delta R.T. -0.000 min

Lab File: VV022369.D

Acq: 28 Sep 2021 15:55

Tgt Ion:	112	Resp:	277060
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.1
77	55.2	43.9	65.9

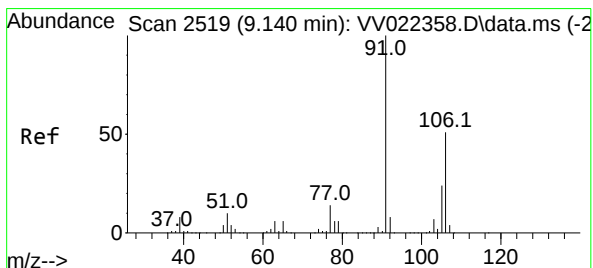
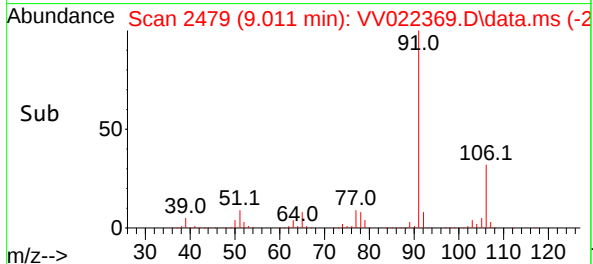
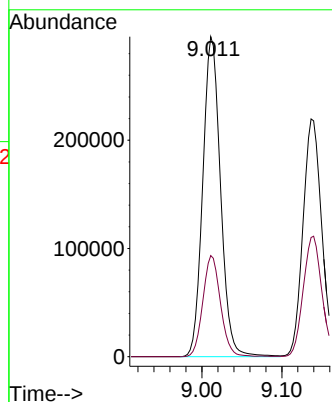
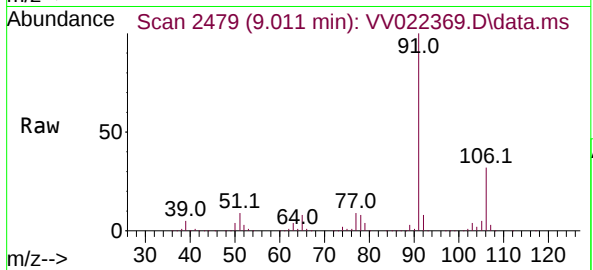




#52
Ethylbenzene
Concen: 52.043 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

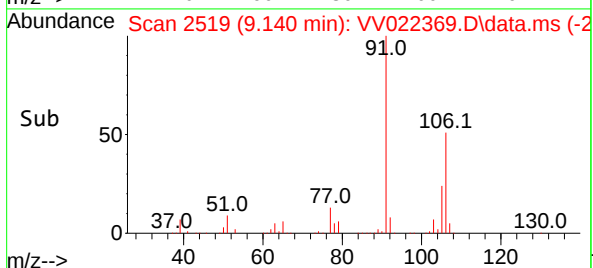
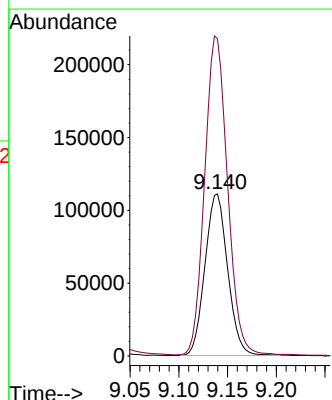
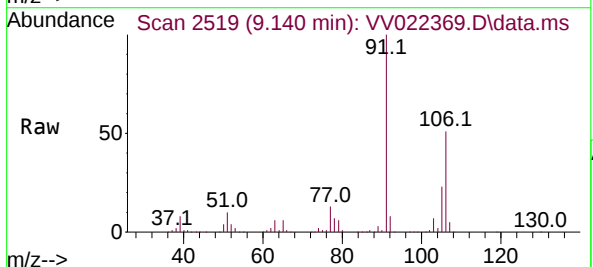
Instrument :
MSVOA_V
ClientSampled :

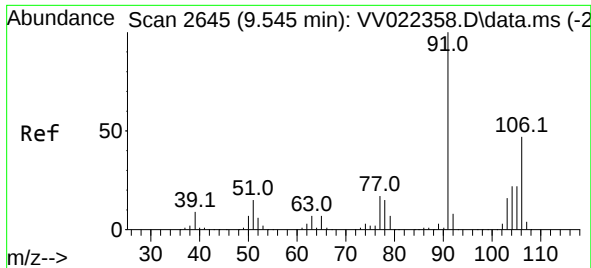
Tgt Ion: 91 Resp: 458060
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 52.979 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 106 Resp: 179577
Ion Ratio Lower Upper
106 100
91 195.7 139.2 258.6

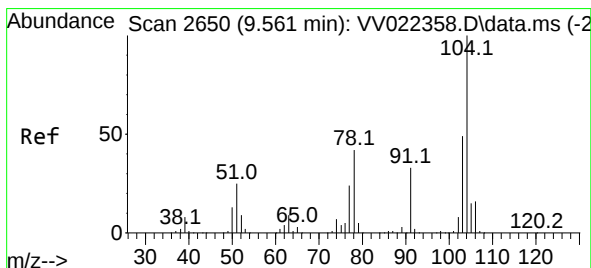
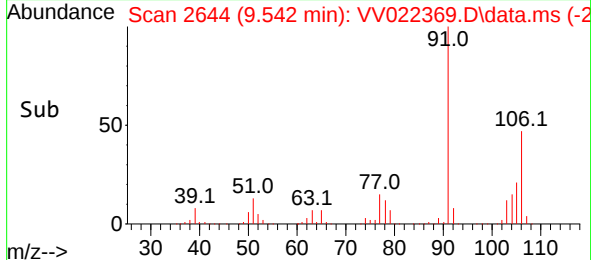
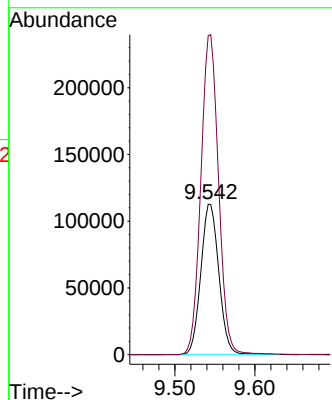
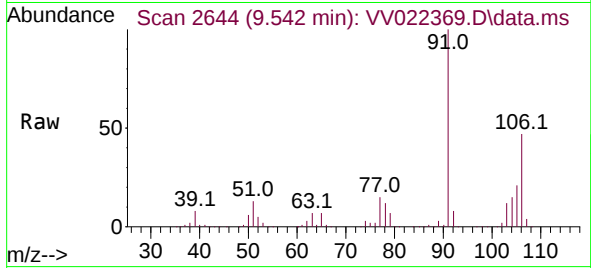




#54
o-Xylene
Concen: 53.732 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

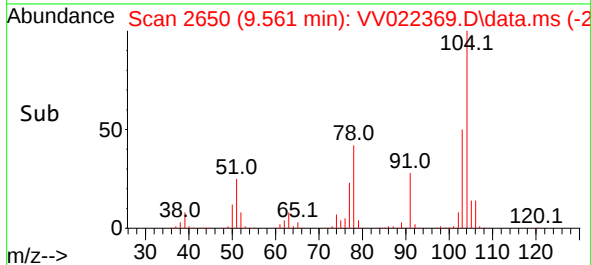
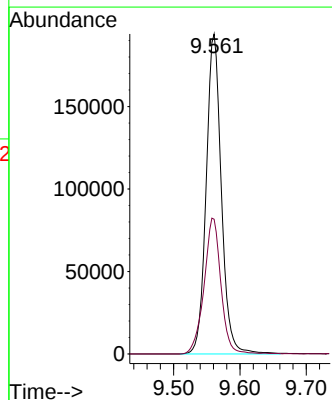
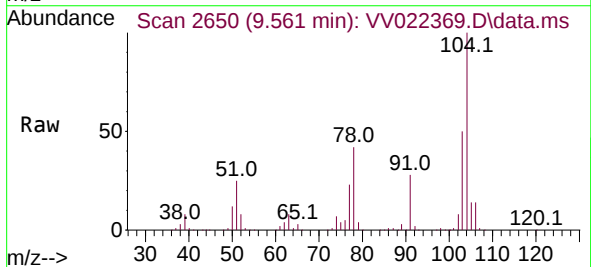
Instrument :
MSVOA_V
ClientSampled :

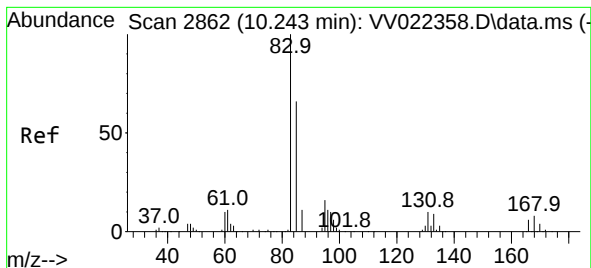
Tgt Ion:106 Resp: 176969
Ion Ratio Lower Upper
106 100
91 212.2 144.9 269.1



#55
Styrene
Concen: 53.928 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:104 Resp: 308800
Ion Ratio Lower Upper
104 100
78 42.1 28.6 53.2

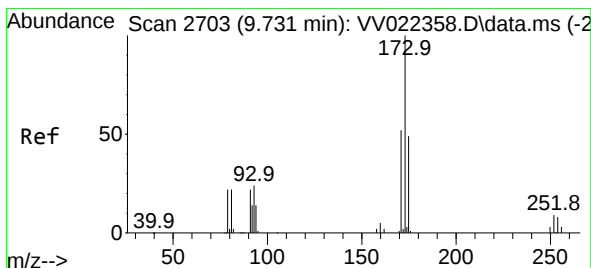
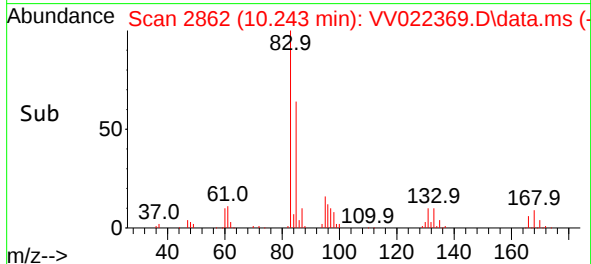
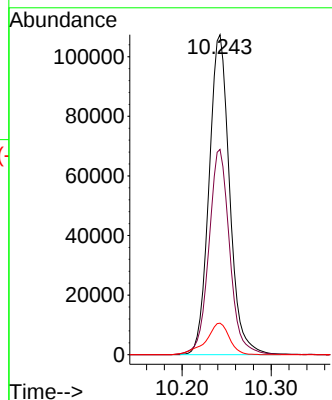
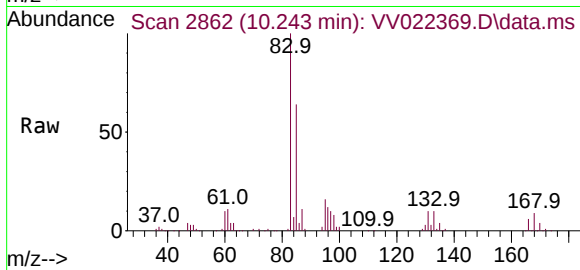




#57
1,1,2,2-Tetrachloroethane
Concen: 50.488 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

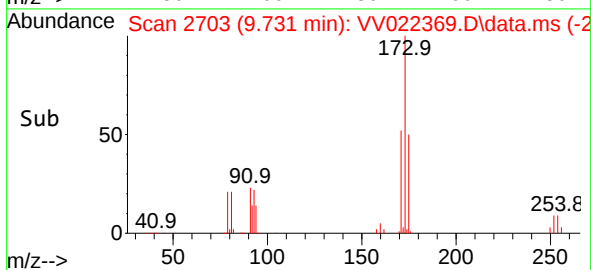
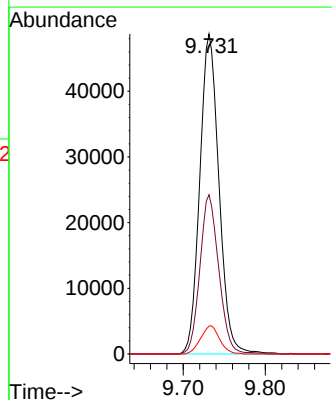
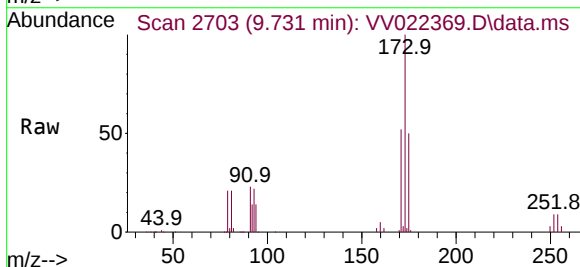
Instrument :
MSVOA_V
ClientSampled :

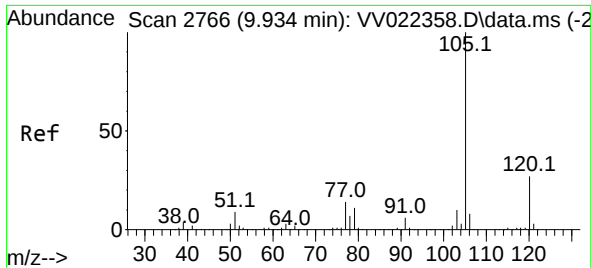
Tgt Ion: 83 Resp: 171837
Ion Ratio Lower Upper
83 100
85 64.2 44.6 82.8
131 9.9 7.8 11.8



#59
Bromoform
Concen: 49.770 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 173 Resp: 79160
Ion Ratio Lower Upper
173 100
175 48.6 40.1 60.1
254 8.7 6.9 10.3

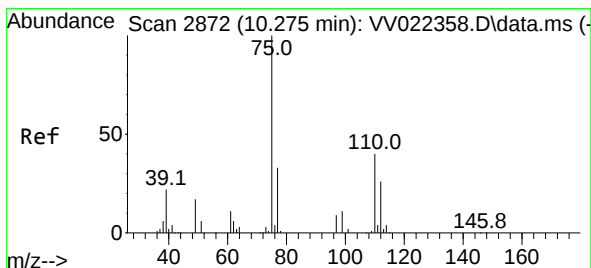
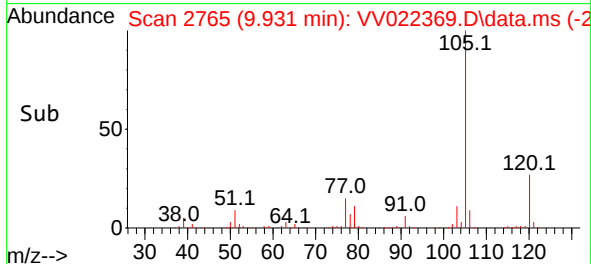
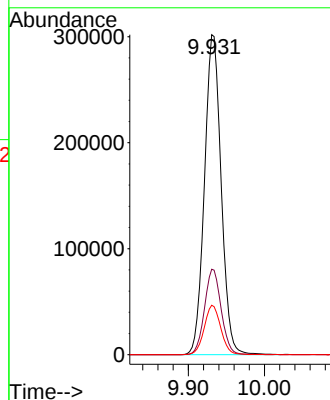
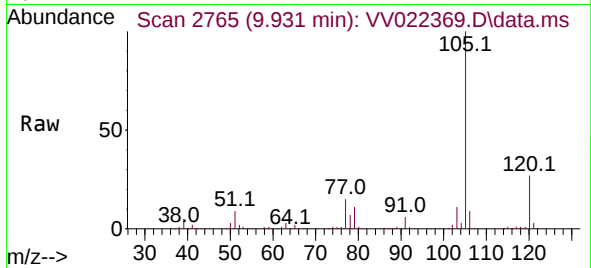




#60
Isopropylbenzene
Concen: 52.803 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

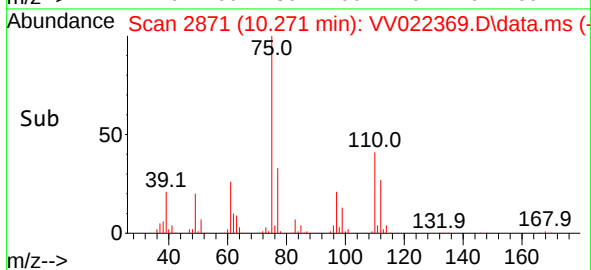
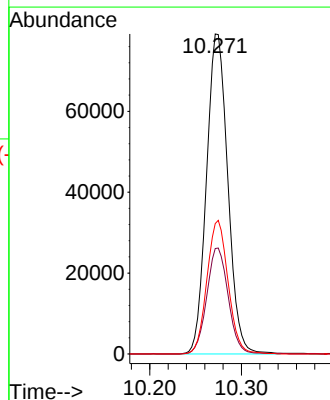
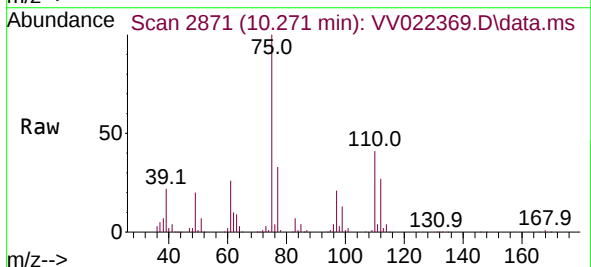
Instrument :
MSVOA_V
ClientSampleId :

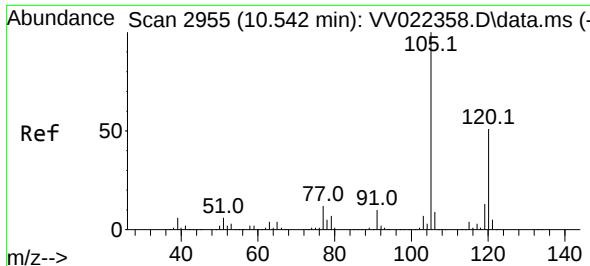
Tgt Ion:105 Resp: 461108
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 15.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.325 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 75 Resp: 127818
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0
110 41.5 32.6 48.8

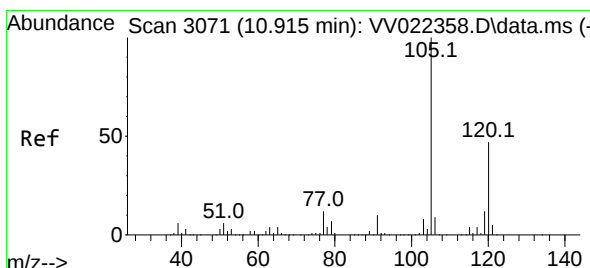
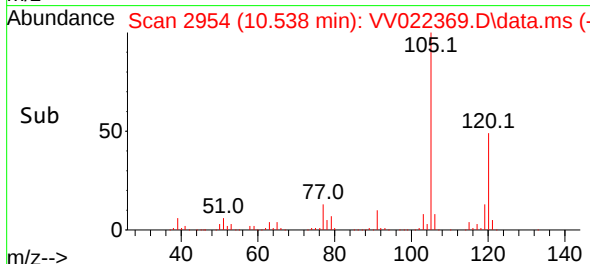
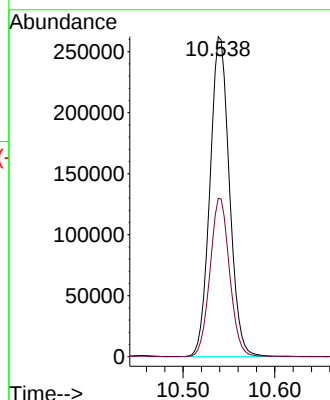
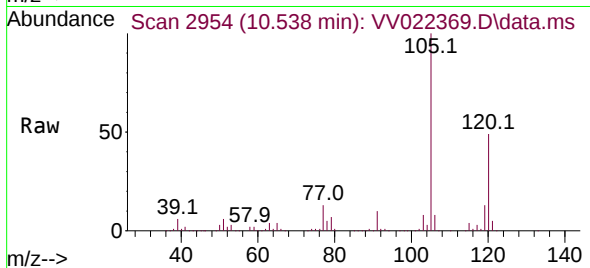




#62
1,3,5-Trimethylbenzene
Concen: 53.718 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

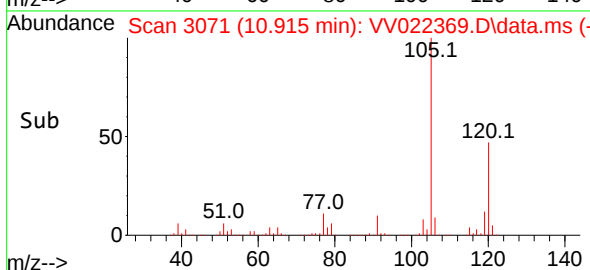
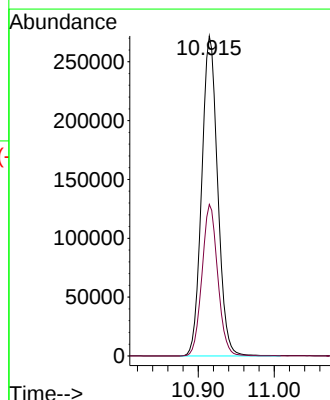
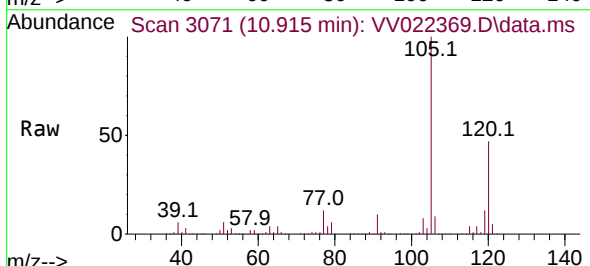
Instrument :
MSVOA_V
ClientSampled :

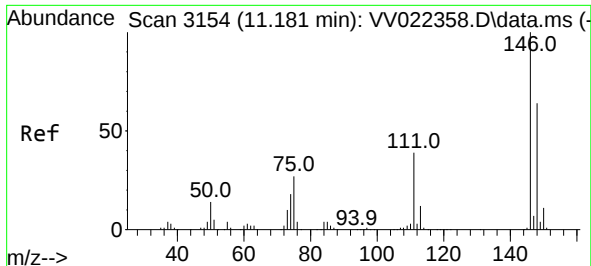
Tgt Ion:105 Resp: 386578
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 54.542 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:105 Resp: 396089
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

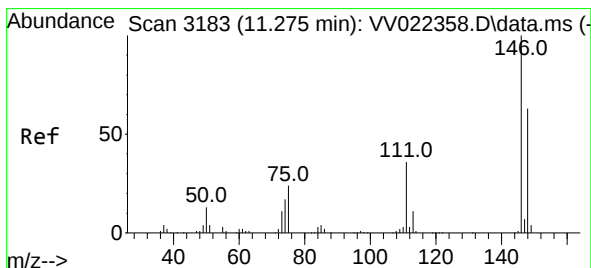
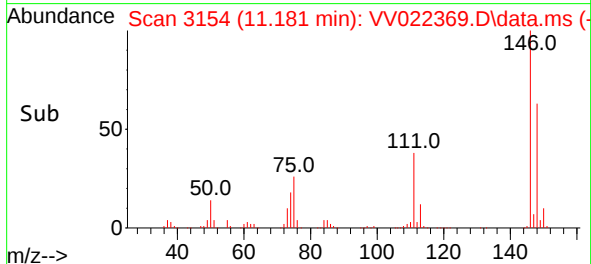
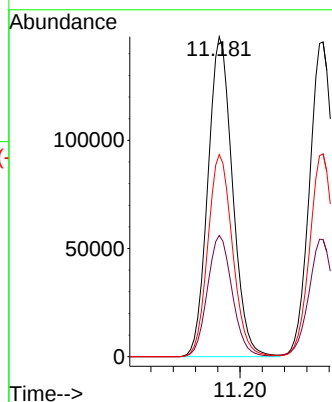
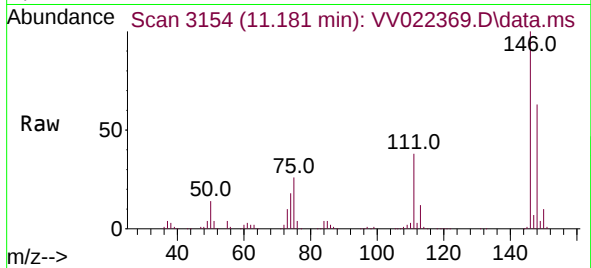




#64
1,3-Dichlorobenzene
Concen: 51.342 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

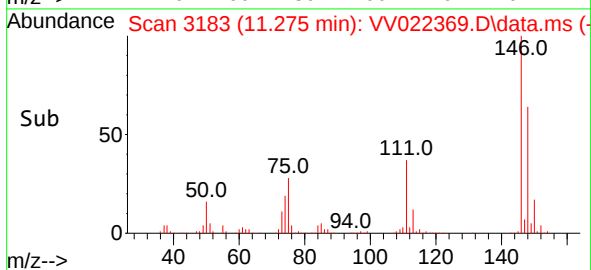
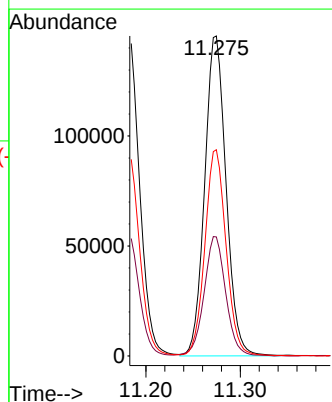
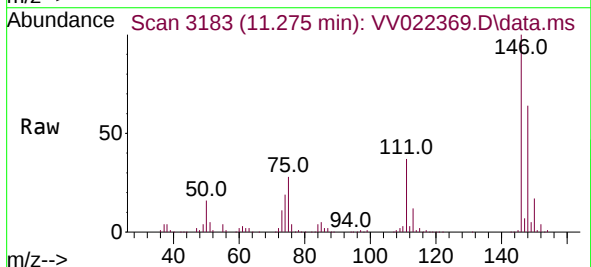
Instrument :
MSVOA_V
ClientSampleId :

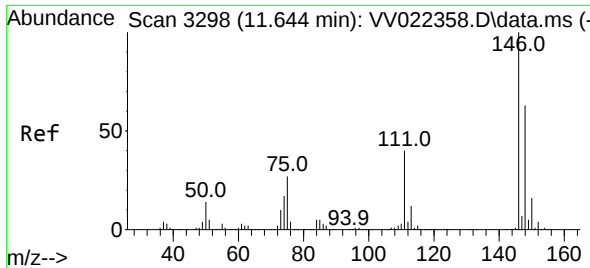
Tgt Ion:146 Resp: 227286
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 50.640 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:146 Resp: 228340
Ion Ratio Lower Upper
146 100
111 37.2 25.8 48.0
148 64.5 45.1 83.9

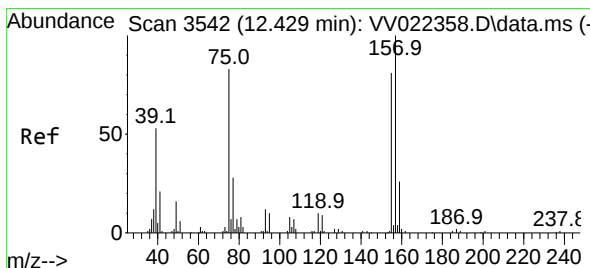
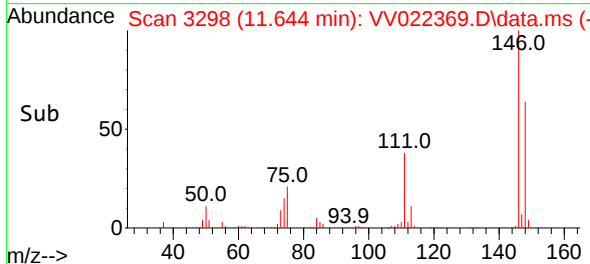
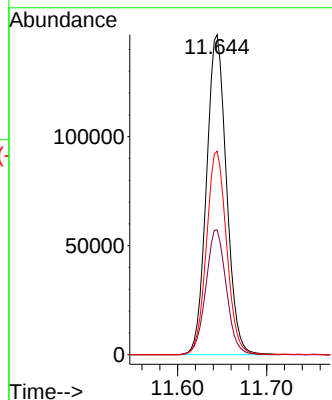
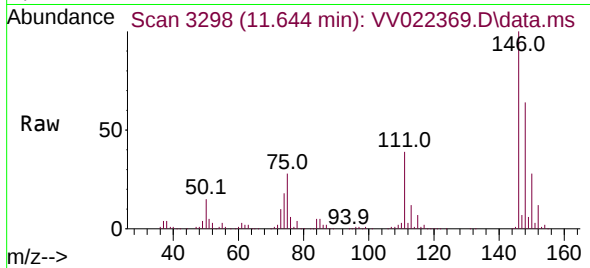




#67
1,2-Dichlorobenzene
Concen: 50.529 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

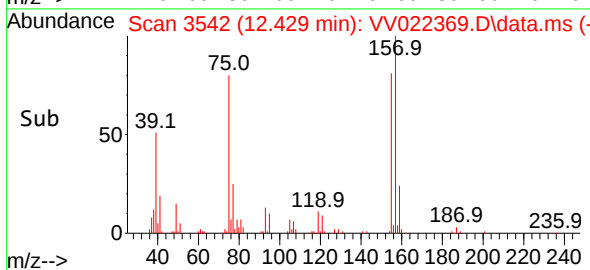
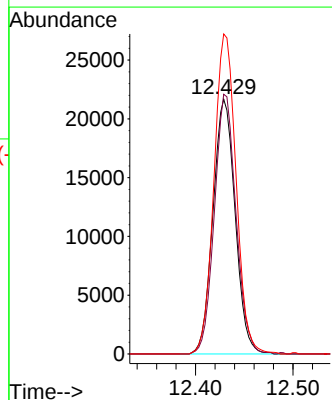
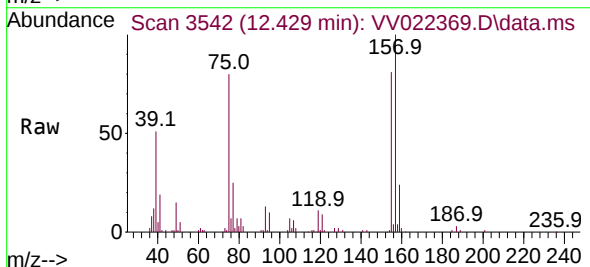
Instrument :
MSVOA_V
ClientSampled :

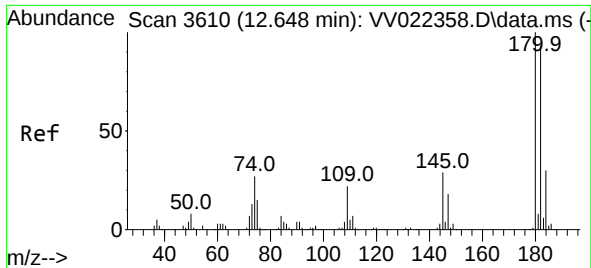
Tgt Ion:146 Resp: 228421
Ion Ratio Lower Upper
146 100
111 39.0 31.5 47.3
148 63.6 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.002 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion: 75 Resp: 34223
Ion Ratio Lower Upper
75 100
155 102.0 79.0 118.6
157 125.7 98.2 147.2

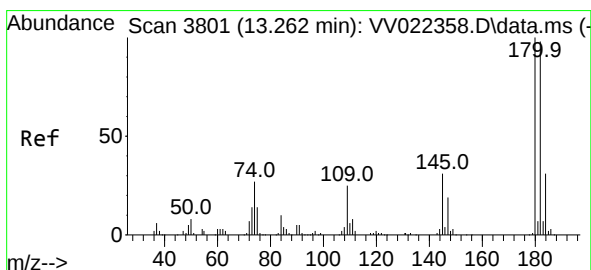
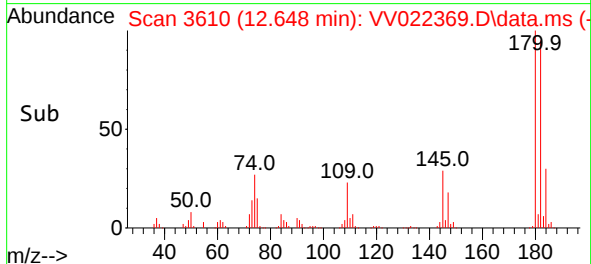
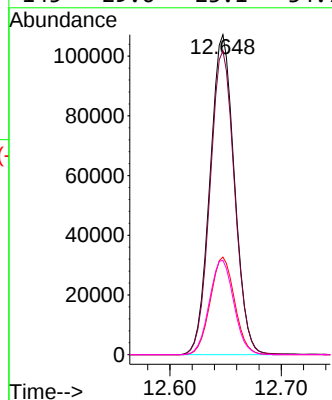
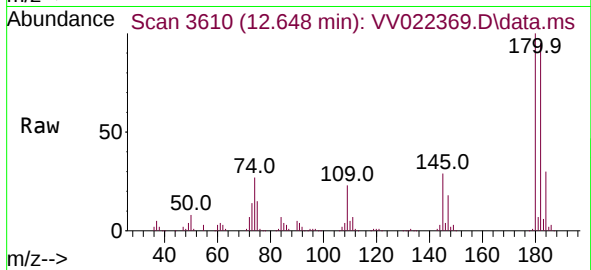




#69
1,3,5-Trichlorobenzene
Concen: 51.124 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

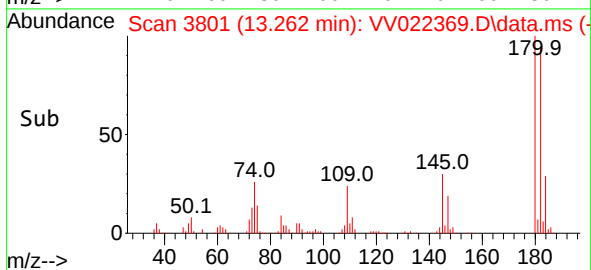
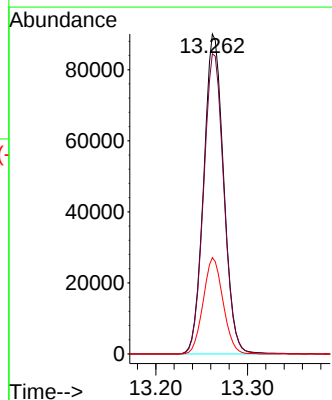
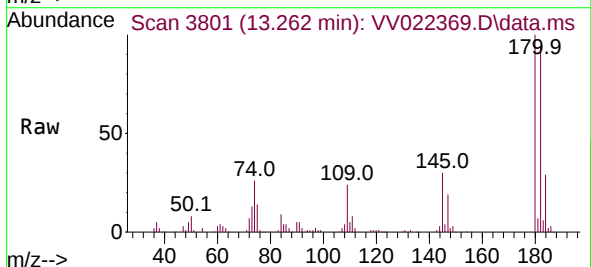
Instrument :
MSVOA_V
ClientSampleId :

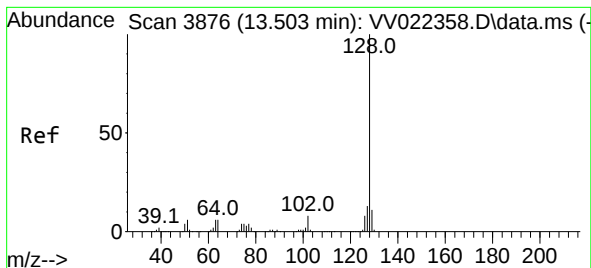
Tgt Ion:180 Resp: 163265
Ion Ratio Lower Upper
180 100
182 95.4 75.2 112.8
184 30.3 24.2 36.2
145 29.6 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 50.420 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:180 Resp: 136243
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 29.8 23.9 35.9

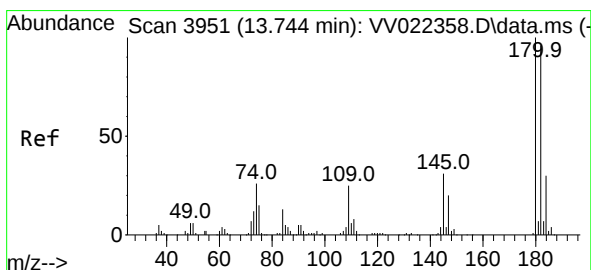
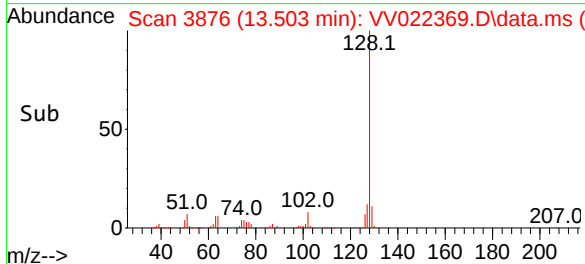
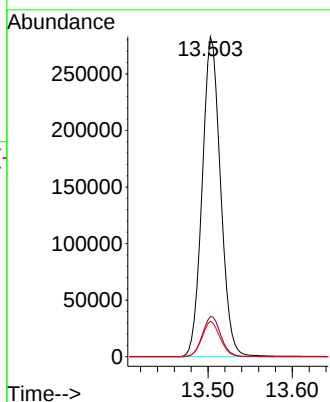
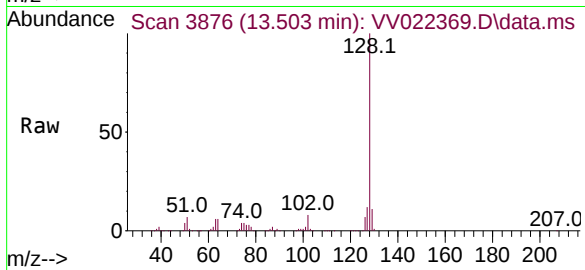




#71
Naphthalene
Concen: 51.806 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 428920
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.403 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022369.D
Acq: 28 Sep 2021 15:55

Tgt Ion:180 Resp: 143413
Ion Ratio Lower Upper
180 100
182 94.6 76.7 115.1
145 30.9 25.6 38.4

