

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028274.D
 Acq On : 03 Oct 2022 12:39
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:42:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	208591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	200118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	107720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75443	4.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.561	69	64745	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.098	63	137545	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.899	46	130187	49.093	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.180%
24) Chloroform-d	4.336	84	141148	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.024	65	64536	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.040	84	291166	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.063	67	86847	5.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.307	98	267551	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.619	79	32059	5.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.085	63	136128	55.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.900%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	60393	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	90582	4.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	81639	4.866	ug/L	93
3) Chloromethane	1.237	50	74674	4.697	ug/L	98
5) Vinyl chloride	1.304	62	89661	5.008	ug/L	98
6) Bromomethane	1.516	94	48394	5.691	ug/L	97
8) Chloroethane	1.577	64	56665	4.749	ug/L	90
9) Trichlorofluoromethane	1.745	101	129185	4.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	72246	4.801	ug/L	97
12) 1,1-Dichloroethene	2.108	96	73116	4.887	ug/L	77
13) Acetone	2.201	43	84688	48.634	ug/L	85
14) Carbon disulfide	2.285	76	227286	4.876	ug/L	99
15) Methyl Acetate	2.439	43	16793	3.543	ug/L #	76
16) Methylene chloride	2.497	84	91082	5.408	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	154984	5.045	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	78495	5.037	ug/L	93
19) 1,1-Dichloroethane	3.179	63	136912	5.158	ug/L	99
21) 2-Butanone	3.982	43	133632	50.551	ug/L	91
22) cis-1,2-Dichloroethene	3.899	96	81610	5.200	ug/L	100
23) Bromochloromethane	4.236	128	35006	5.036	ug/L #	84
25) Chloroform	4.362	83	147109	5.054	ug/L	98

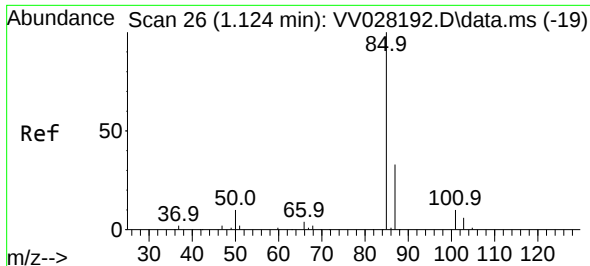
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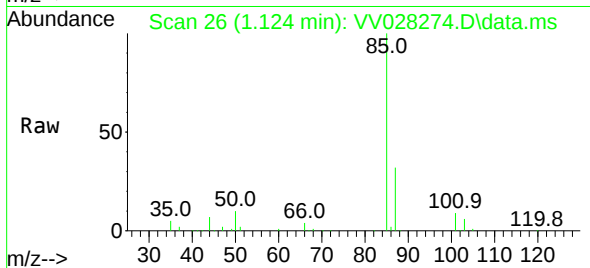
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	81568	5.230	ug/L #	95
29) 1,1,1-Trichloroethane	4.597	97	129824	5.259	ug/L	98
30) Cyclohexane	4.664	56	117777	5.538	ug/L	91
31) Carbon tetrachloride	4.815	117	116269	5.251	ug/L	98
33) Benzene	5.088	78	325717	5.467	ug/L	100
34) Trichloroethene	5.905	95	82371	5.522	ug/L	97
35) Methylcyclohexane	6.124	83	136026	5.586	ug/L	94
37) 1,2-Dichloropropane	6.166	63	75502	5.472	ug/L	98
38) Bromodichloromethane	6.503	83	102595	5.392	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	109690	5.570	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	344939	54.416	ug/L	94
42) Toluene	7.381	91	346526	5.528	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	88940	5.316	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	55344	5.408	ug/L	98
47) Tetrachloroethene	7.969	164	68800	5.278	ug/L	96
48) 2-Hexanone	8.137	43	259253	58.394	ug/L #	92
49) Dibromochloromethane	8.239	129	68591	5.296	ug/L	99
50) 1,2-Dibromoethane	8.346	107	50697	5.505	ug/L	96
51) Chlorobenzene	8.876	112	219769	5.272	ug/L	100
52) Ethylbenzene	9.008	91	360437	5.471	ug/L	98
53) m,p-Xylene	9.133	106	142522	5.427	ug/L	99
54) o-Xylene	9.538	106	138066	5.559	ug/L	99
55) Styrene	9.555	104	238097	5.578	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	61502	5.297	ug/L	99
59) Bromoform	9.728	173	36076	5.085	ug/L	99
60) Isopropylbenzene	9.928	105	355474	5.393	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	43696	5.257	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	98631	5.266	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	289712	5.458	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	177164	5.471	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	176192	5.434	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	156457	5.328	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	9652	5.098	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	139482	5.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	101306	5.190	ug/L	98
71) Naphthalene	13.497	128	162384	5.327	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	95658	5.437	ug/L	99

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

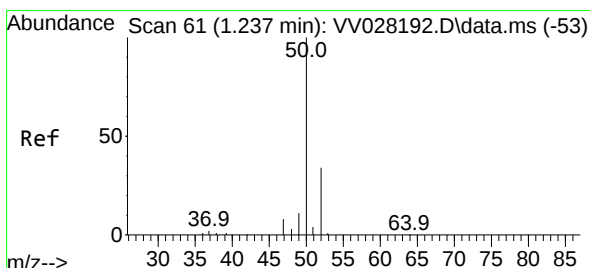
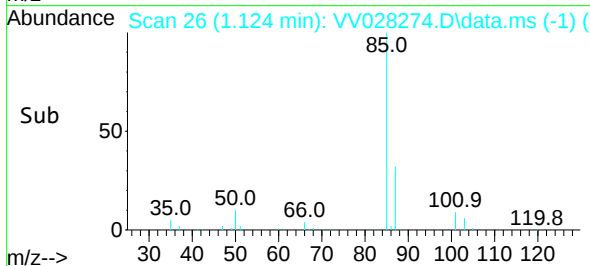
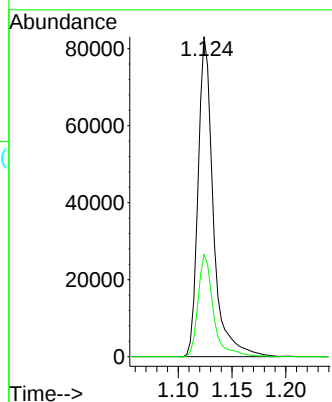


#2
 Dichlorodifluoromethane
 Concen: 4.866 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Instrument :
 MSVOA_V
 ClientSampleId :

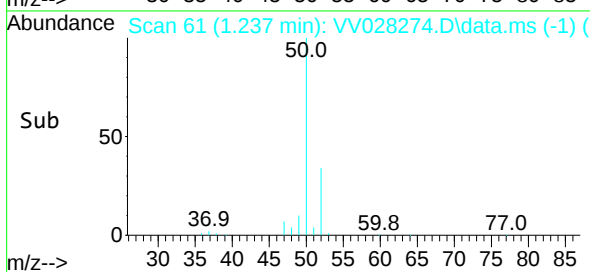
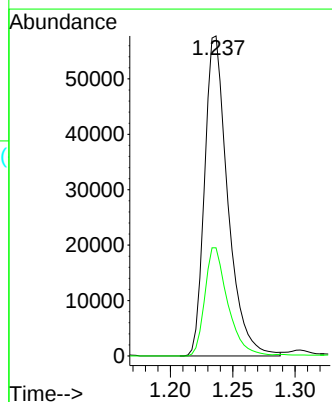
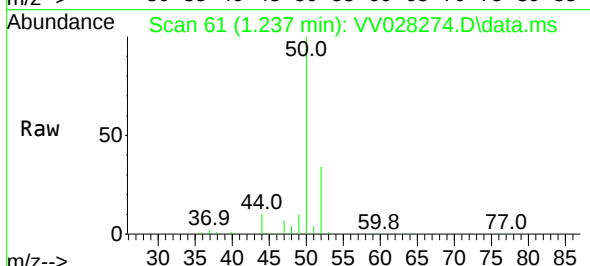


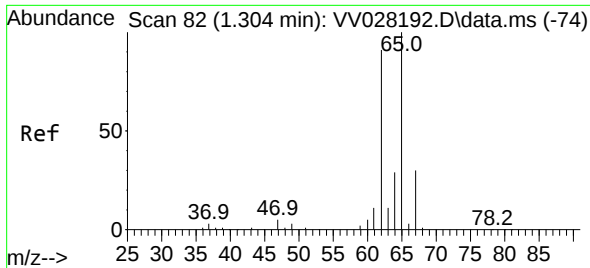
Tgt Ion: 85 Resp: 81639
 Ion Ratio Lower Upper
 85 100
 87 32.2 22.8 34.2



#3
 Chloromethane
 Concen: 4.697 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Tgt Ion: 50 Resp: 74674
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.4 45.2

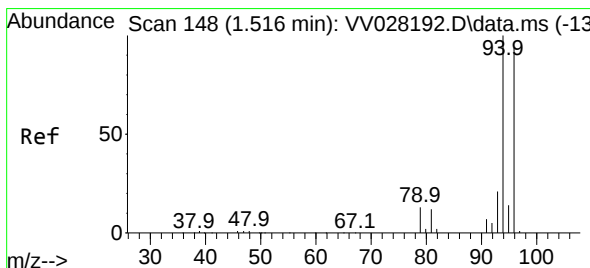
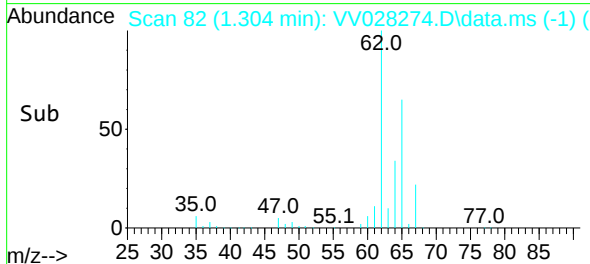
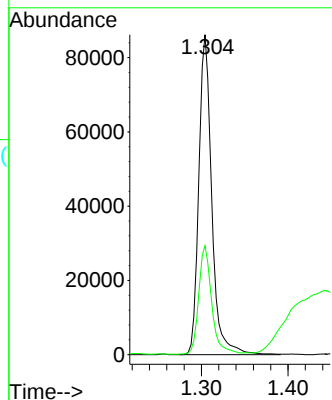
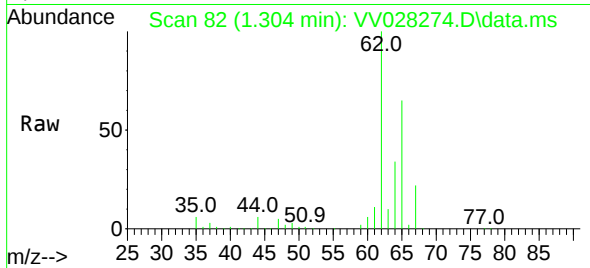




#5
 Vinyl chloride
 Concen: 5.008 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

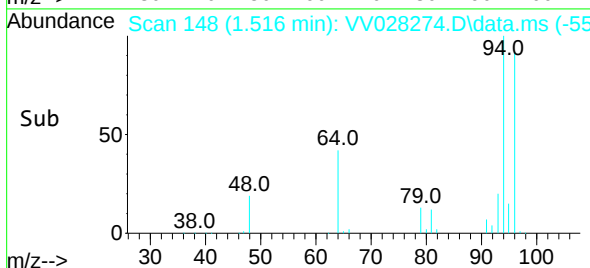
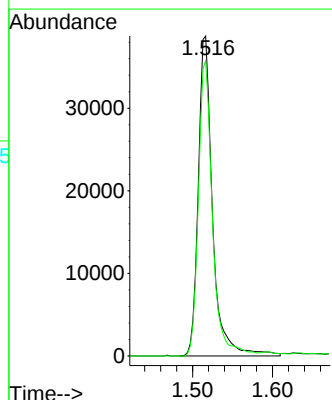
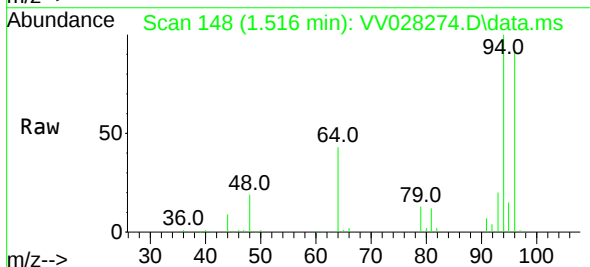
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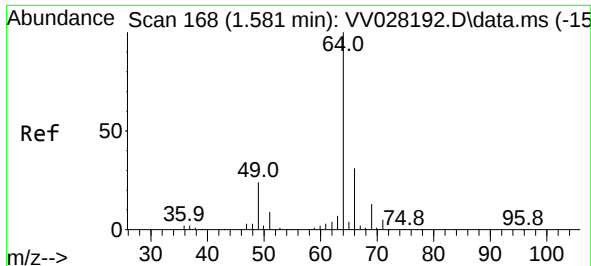
Tgt Ion: 62 Resp: 89661
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.0 42.8



#6
 Bromomethane
 Concen: 5.691 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Tgt Ion: 94 Resp: 48394
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.7 123.9





#8

Chloroethane

Concen: 4.749 ug/L

RT: 1.577 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

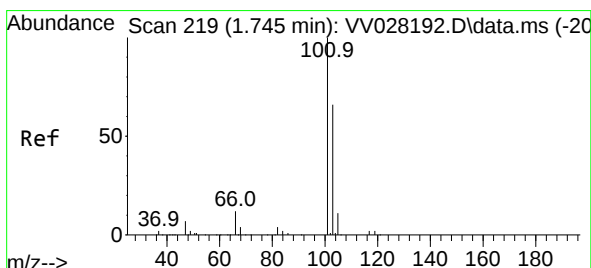
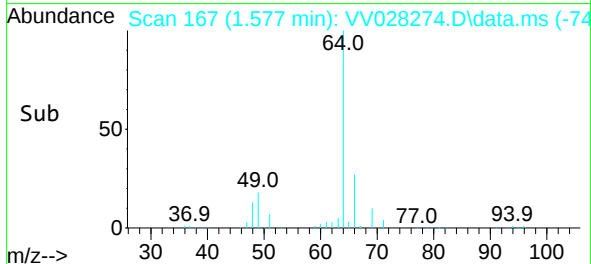
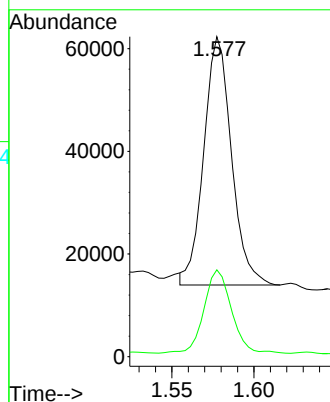
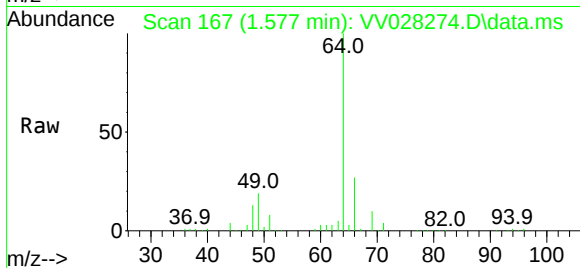
ClientSampleId :

Tgt Ion: 64 Resp: 56665

Ion Ratio Lower Upper

64 100

66 27.2 23.0 42.8



#9

Trichlorofluoromethane

Concen: 4.802 ug/L

RT: 1.745 min Scan# 219

Delta R.T. 0.000 min

Lab File: VV028274.D

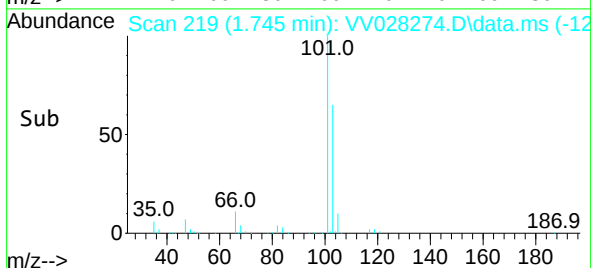
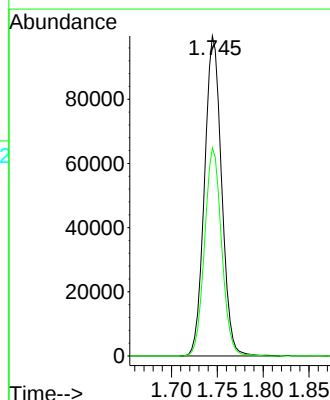
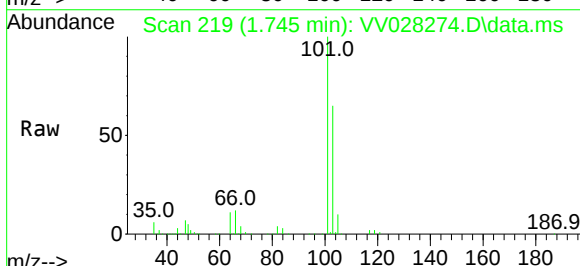
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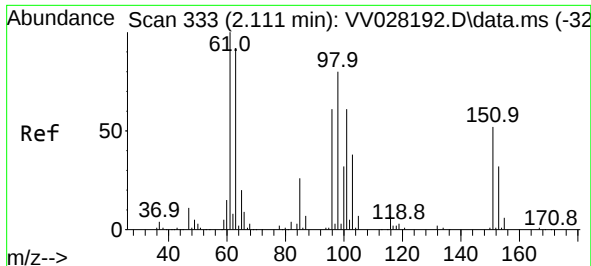
Tgt Ion:101 Resp: 129185

Ion Ratio Lower Upper

101 100

103 64.7 51.4 77.0

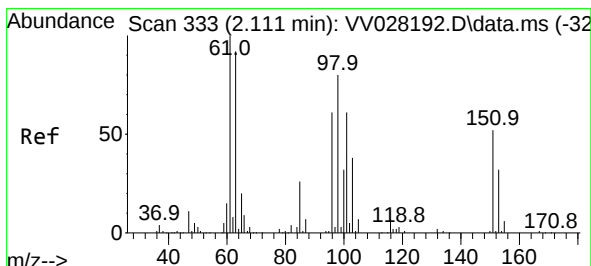
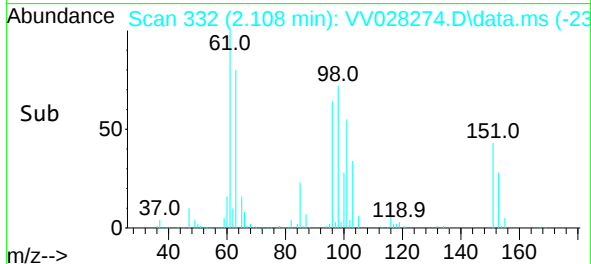
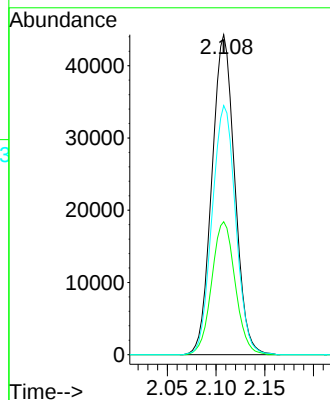
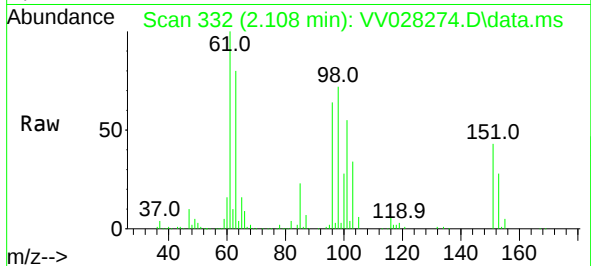




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.801 ug/L
 RT: 2.108 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

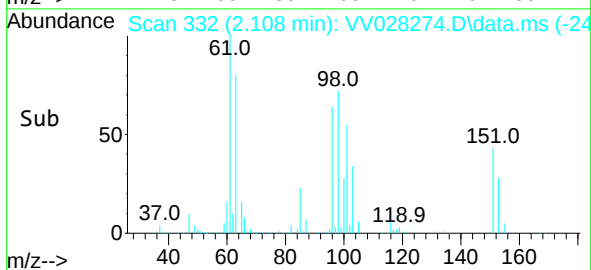
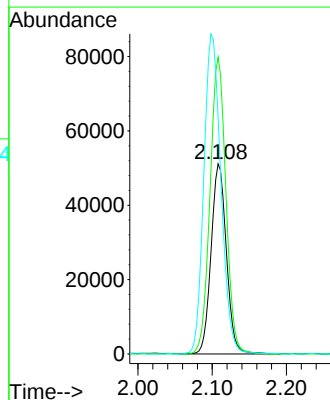
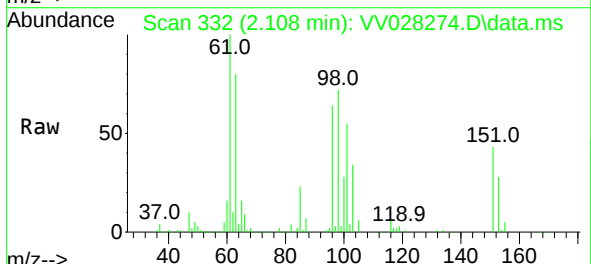
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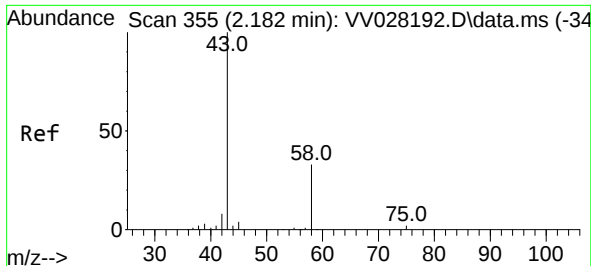
Tgt Ion:101 Resp: 72246
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.4 51.6
 151 80.4 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 4.887 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Tgt Ion: 96 Resp: 73116
 Ion Ratio Lower Upper
 96 100
 61 156.1 128.3 238.3
 63 124.5 112.7 209.3

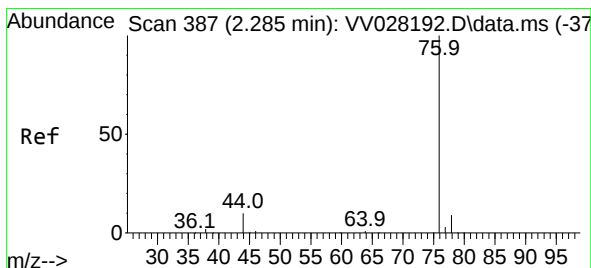
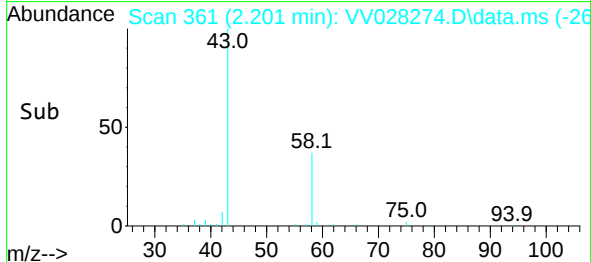
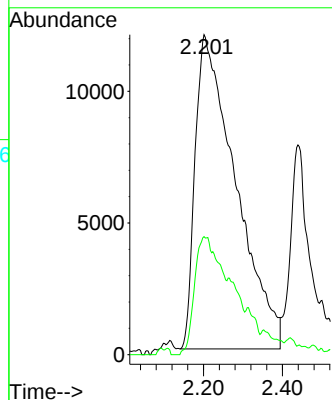
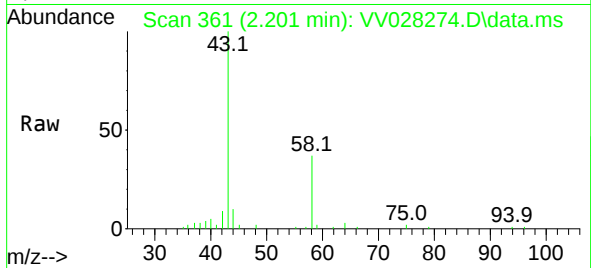




#13
Acetone
Concen: 48.634 ug/L
RT: 2.201 min Scan# 30
Delta R.T. 0.026 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

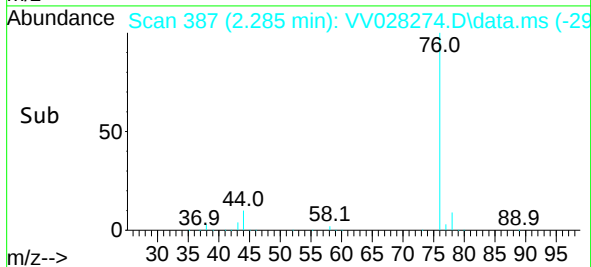
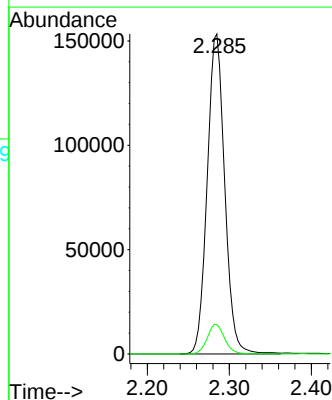
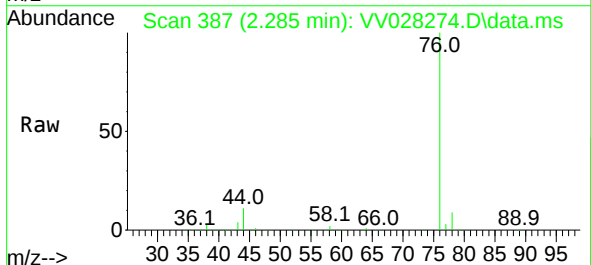
Instrument :
MSVOA_V
ClientSampleId :

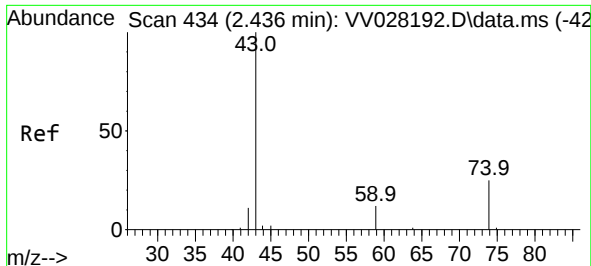
Tgt Ion: 43 Resp: 84688
Ion Ratio Lower Upper
43 100
58 24.2 0.0 65.6



#14
Carbon disulfide
Concen: 4.876 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion: 76 Resp: 227286
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4





#15

Methyl Acetate

Concen: 3.543 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

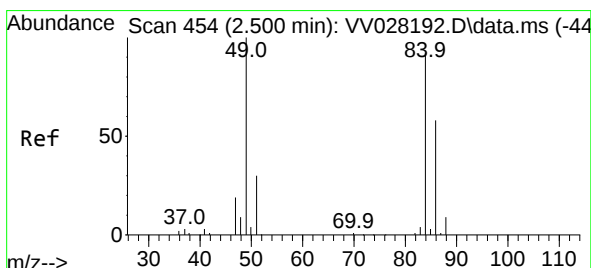
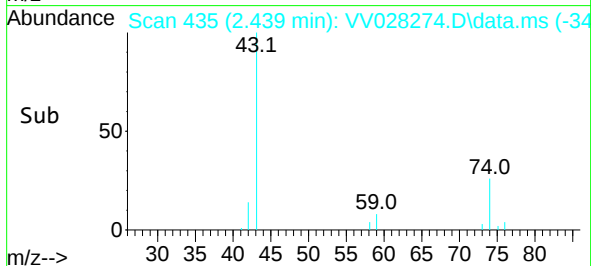
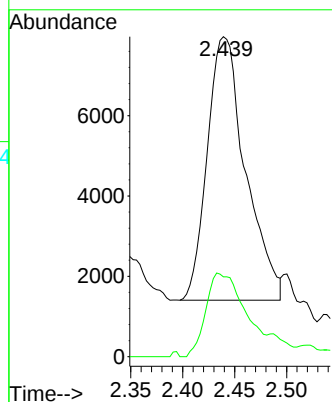
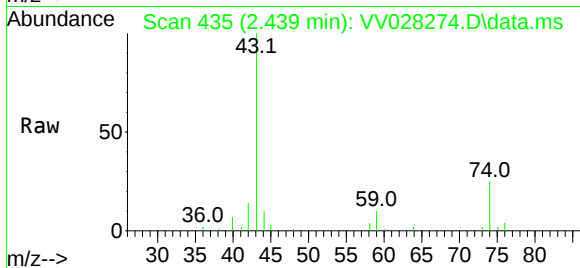
ClientSampleId :

Tgt Ion: 43 Resp: 16793

Ion Ratio Lower Upper

43 100

74 32.5 16.9 25.3#



#16

Methylene chloride

Concen: 5.408 ug/L

RT: 2.497 min Scan# 453

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

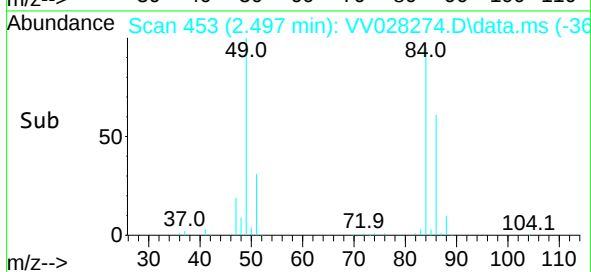
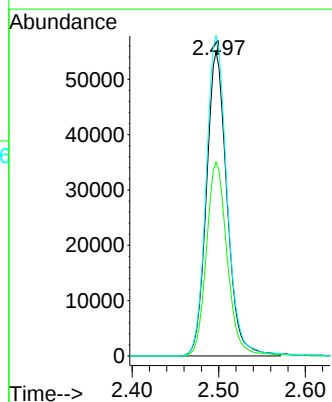
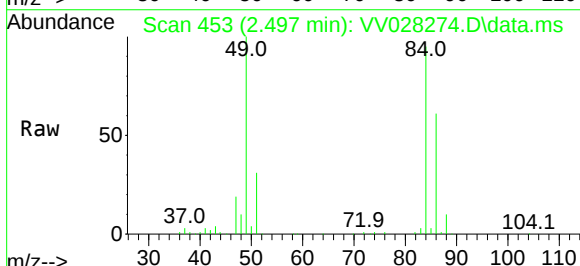
Tgt Ion: 84 Resp: 91082

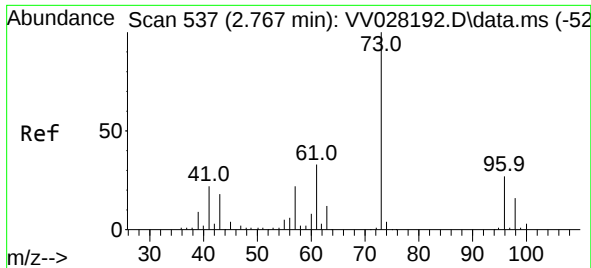
Ion Ratio Lower Upper

84 100

86 63.7 46.8 86.8

49 105.2 87.5 162.5

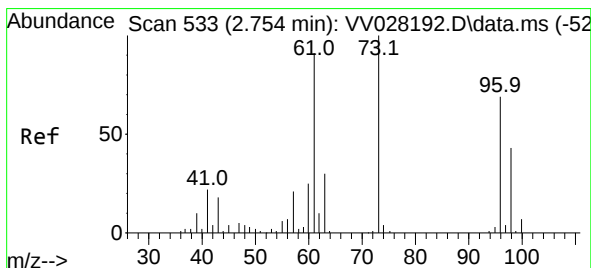
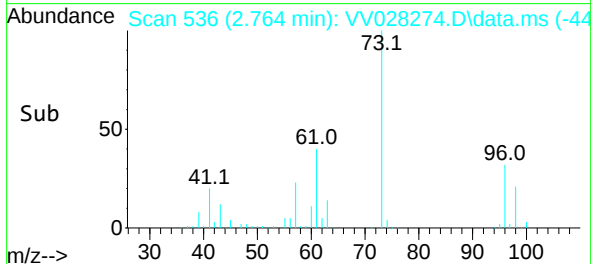
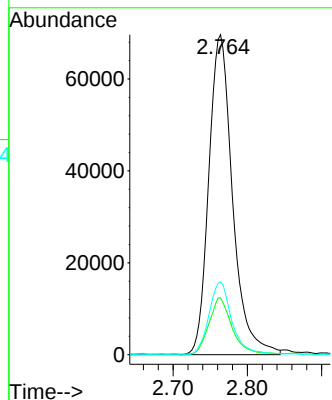
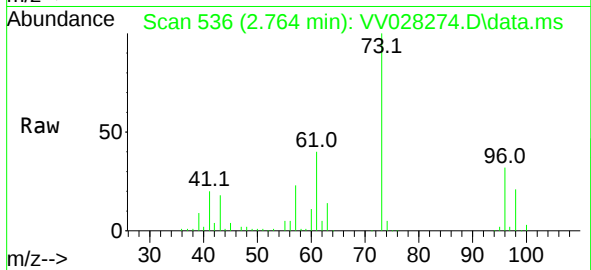




#17
Methyl tert-butyl Ether
Concen: 5.045 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

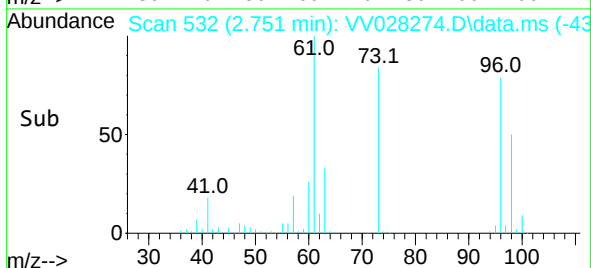
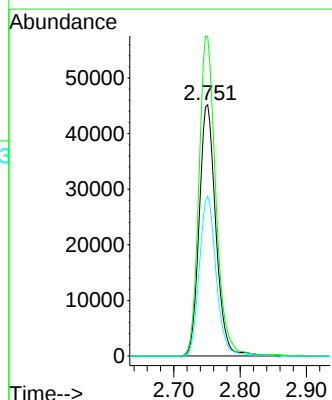
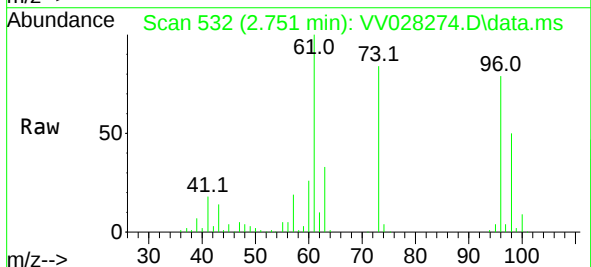
Instrument :
MSVOA_V
ClientSampleId :

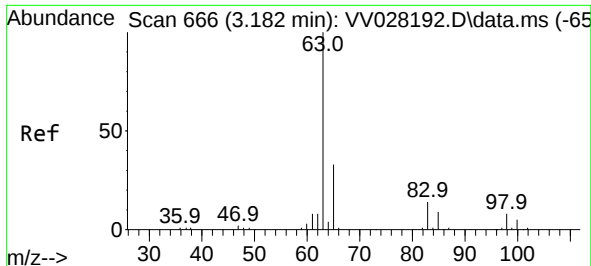
Tgt Ion: 73 Resp: 154984
Ion Ratio Lower Upper
73 100
43 16.6 15.7 23.5
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.037 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion: 96 Resp: 78495
Ion Ratio Lower Upper
96 100
61 127.0 96.2 178.6
98 63.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.158 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

ClientSampleId :

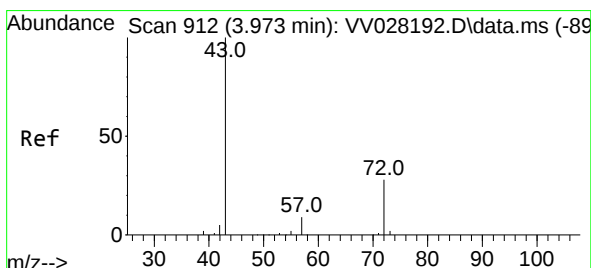
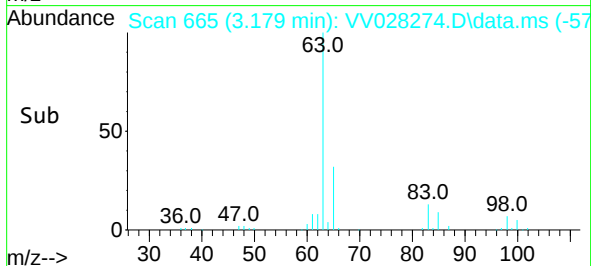
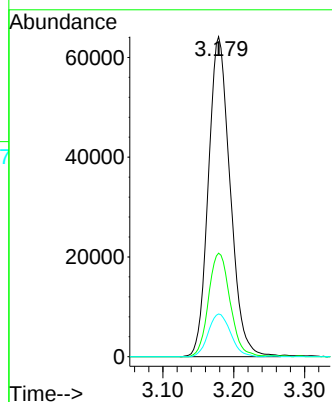
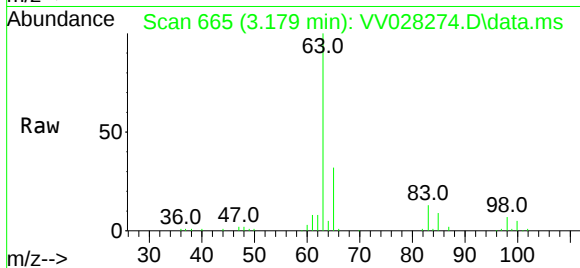
Tgt Ion: 63 Resp: 136912

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.8

83 13.4 9.2 17.2



#21

2-Butanone

Concen: 50.551 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.013 min

Lab File: VV028274.D

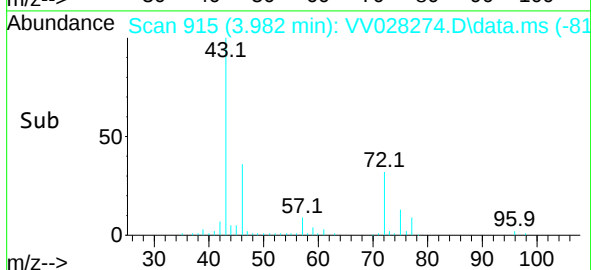
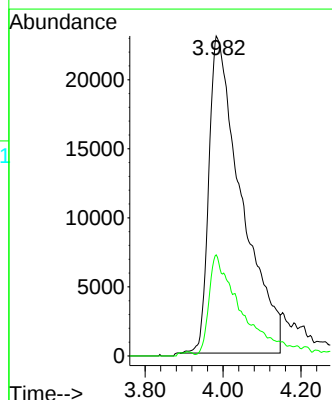
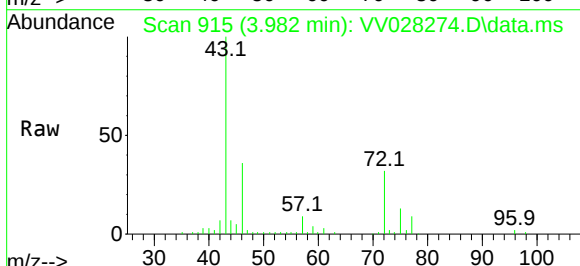
Acq: 03 Oct 2022 12:39

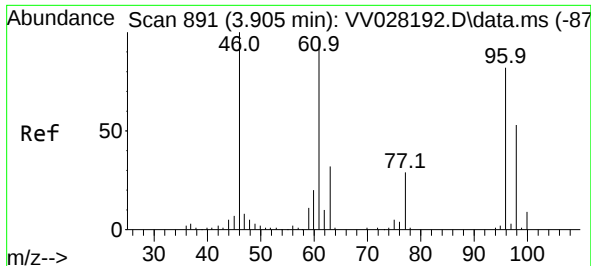
Tgt Ion: 43 Resp: 133632

Ion Ratio Lower Upper

43 100

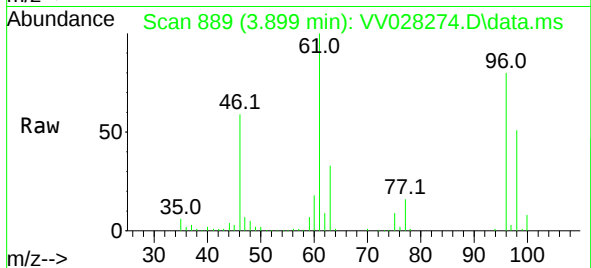
72 30.0 12.7 38.1





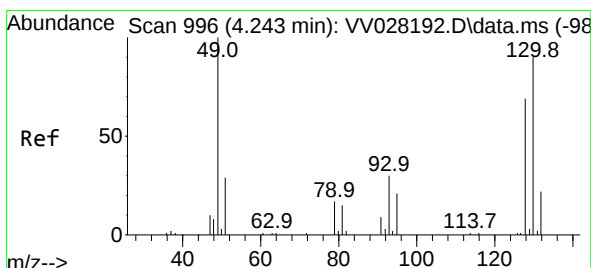
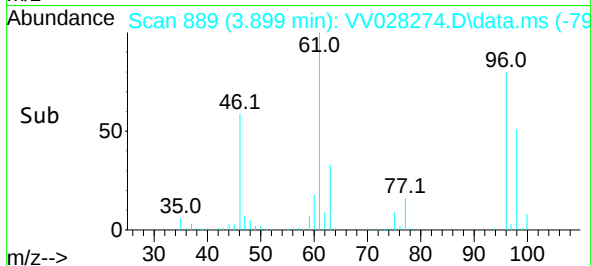
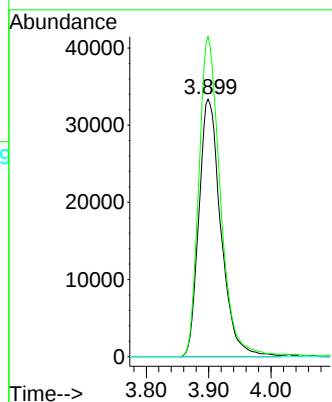
#22
 cis-1,2-Dichloroethene
 Concen: 5.200 ug/L
 RT: 3.899 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 81610

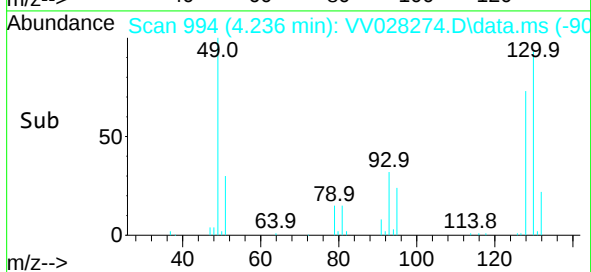
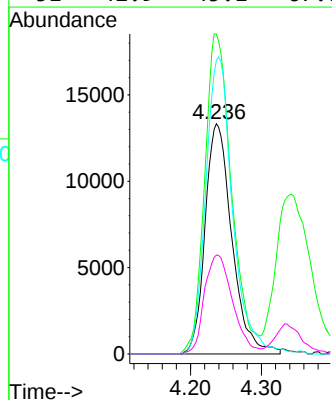
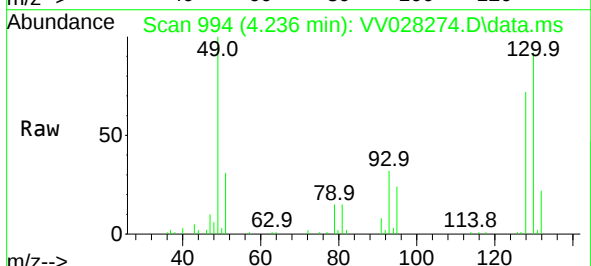
Ion	Ratio	Lower	Upper
96	100		
61	124.3	87.2	161.9
68	0.0	0.0	0.0

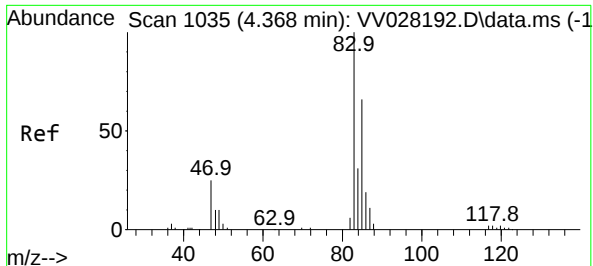


#23
 Bromochloromethane
 Concen: 5.036 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Tgt Ion: 128 Resp: 35006

Ion	Ratio	Lower	Upper
128	100		
49	139.0	119.9	222.7
130	127.4	94.6	175.8
51	42.9	45.1	67.7





#25

Chloroform

Concen: 5.054 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

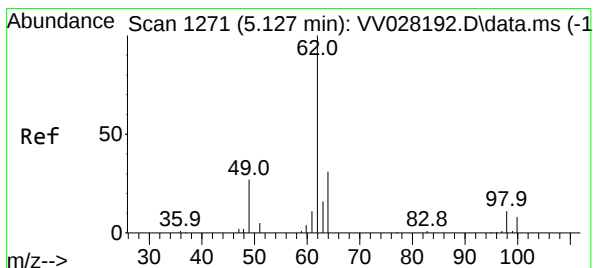
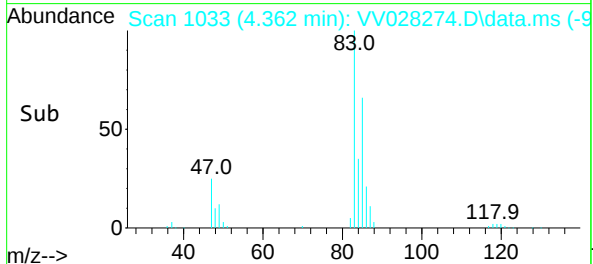
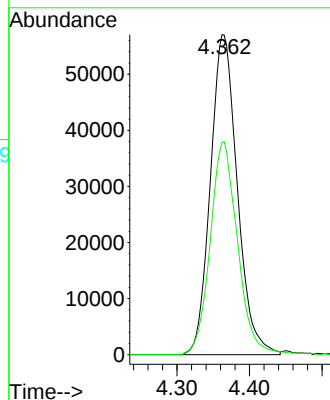
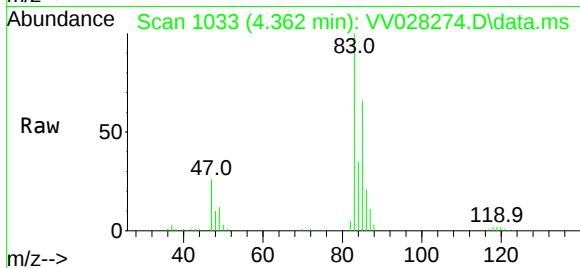
ClientSampleId :

Tgt Ion: 83 Resp: 147109

Ion Ratio Lower Upper

83 100

85 66.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.230 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV028274.D

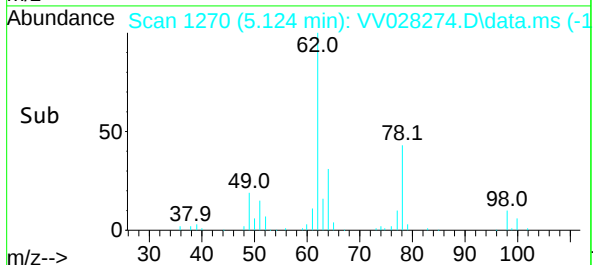
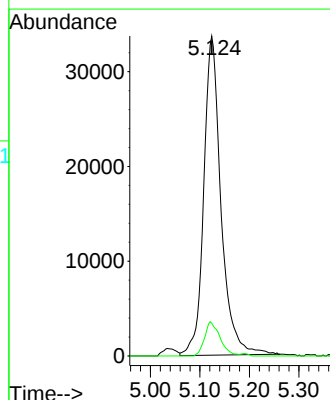
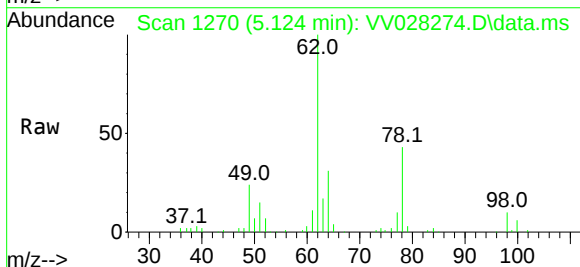
Acq: 03 Oct 2022 12:39

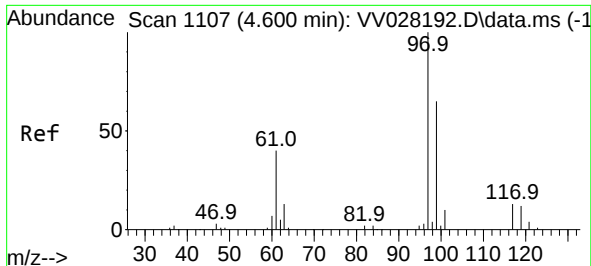
Tgt Ion: 62 Resp: 81568

Ion Ratio Lower Upper

62 100

98 10.2 6.7 10.1#

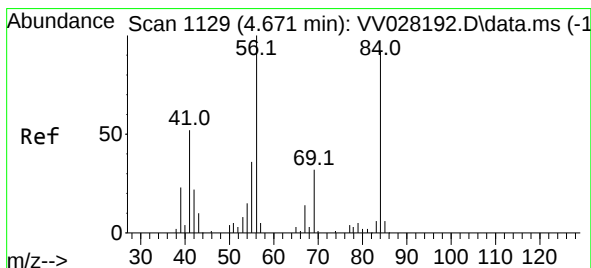
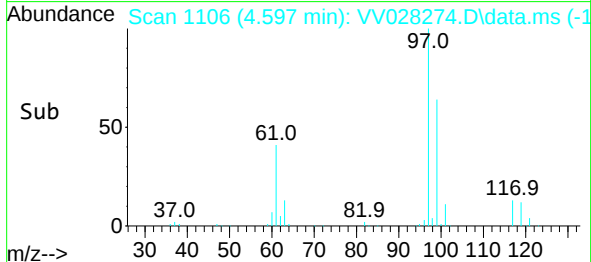
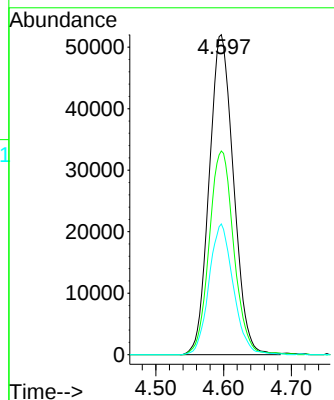
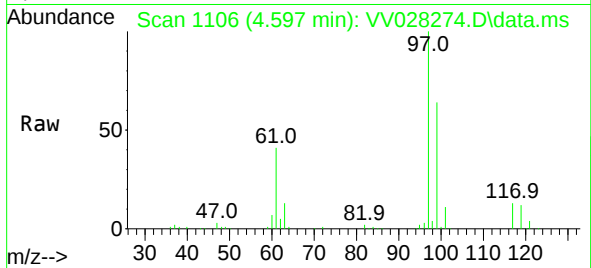




#29
 1,1,1-Trichloroethane
 Concen: 5.259 ug/L
 RT: 4.597 min Scan# 1106
 Delta R.T. -0.003 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

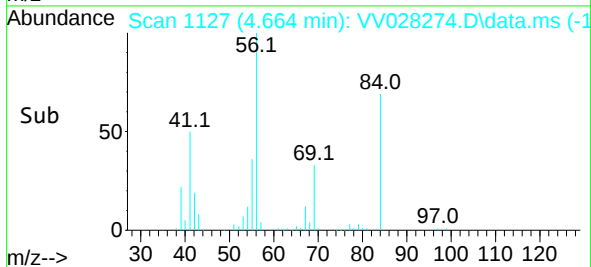
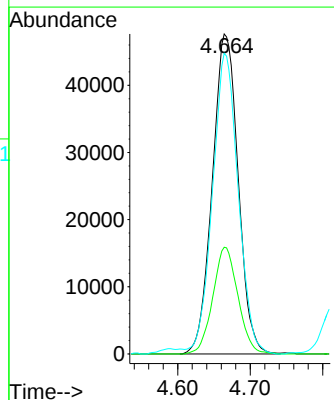
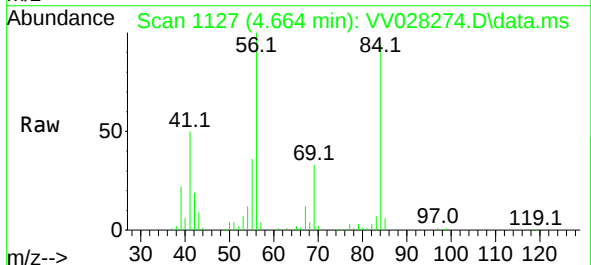
Instrument :
 MSVOA_V
 ClientSampleId :

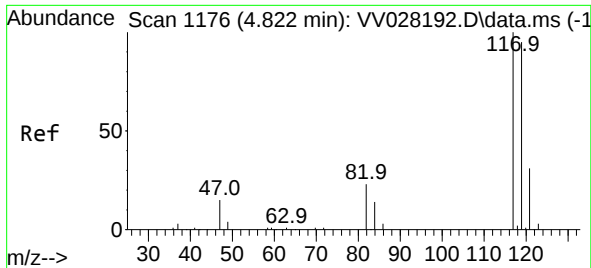
Tgt Ion: 97 Resp: 129824
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.9 77.9
 61 40.8 34.8 52.2



#30
 Cyclohexane
 Concen: 5.538 ug/L
 RT: 4.664 min Scan# 1127
 Delta R.T. -0.003 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Tgt Ion: 56 Resp: 117777
 Ion Ratio Lower Upper
 56 100
 69 32.4 23.7 35.5
 84 93.5 67.3 100.9

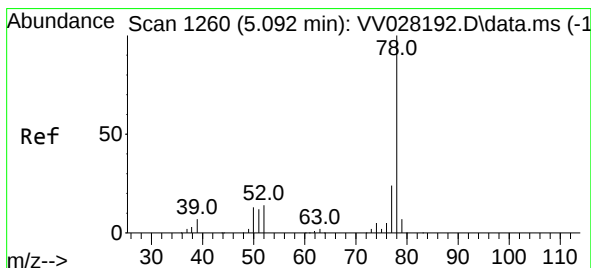
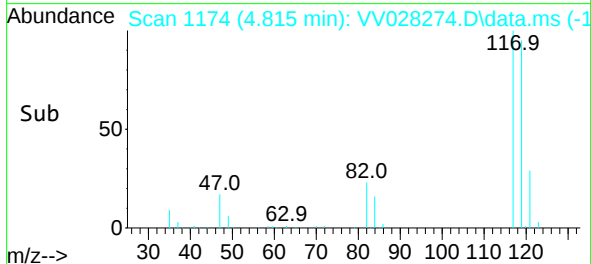
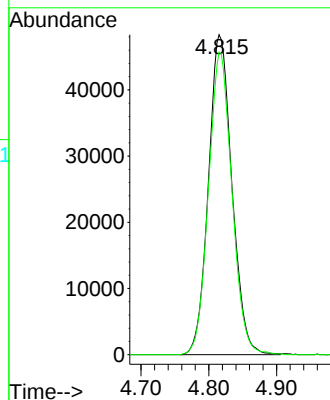
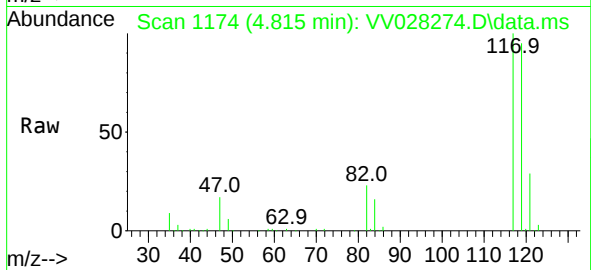




#31
Carbon tetrachloride
Concen: 5.251 ug/L
RT: 4.815 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

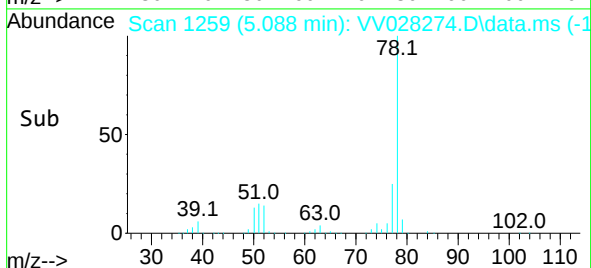
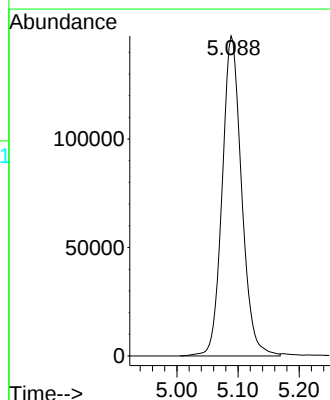
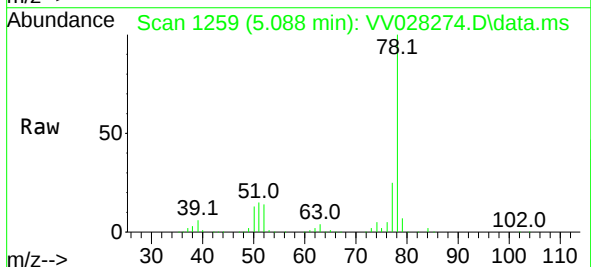
Instrument :
MSVOA_V
ClientSampleId :

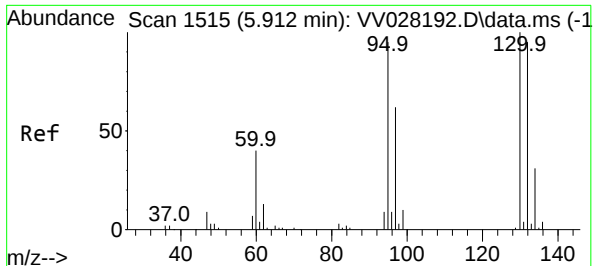
Tgt Ion:117 Resp: 116269
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3



#33
Benzene
Concen: 5.467 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion: 78 Resp: 325717

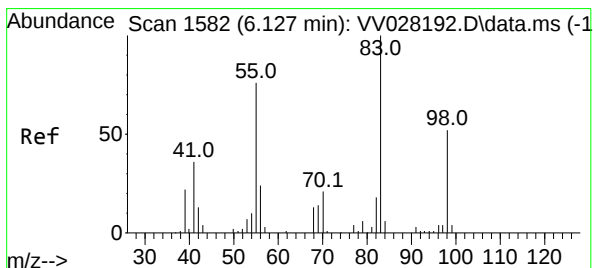
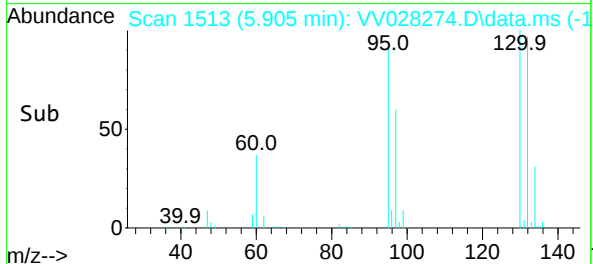
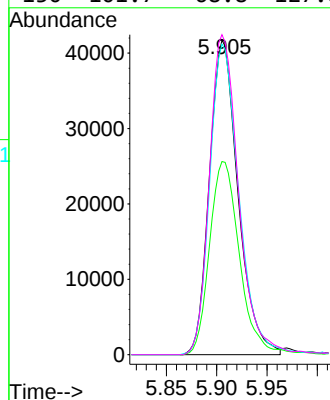
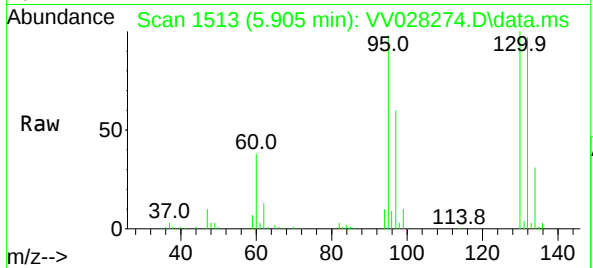




#34
Trichloroethene
Concen: 5.522 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

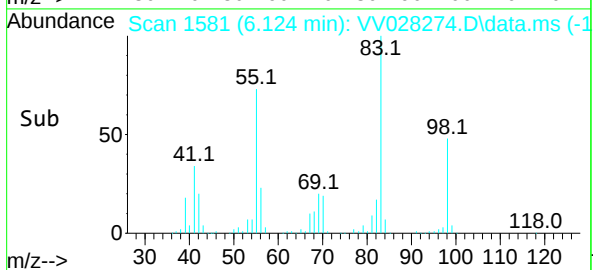
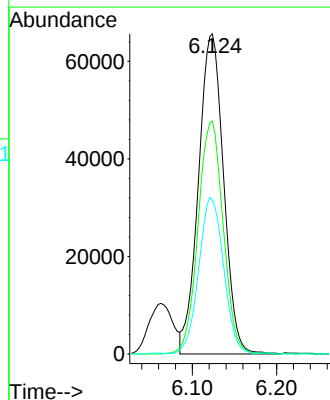
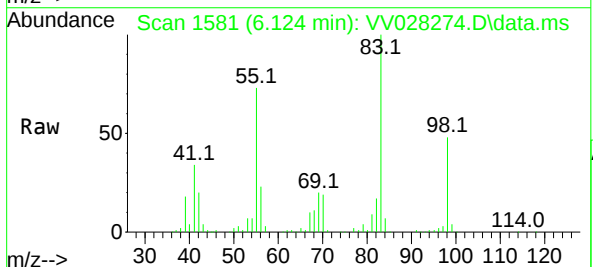
Instrument :
MSVOA_V
ClientSampleId :

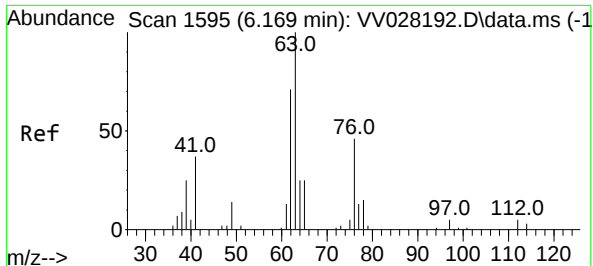
Tgt Ion: 95 Resp: 82371
Ion Ratio Lower Upper
95 100
97 61.4 44.2 82.0
132 98.7 67.8 126.0
130 101.7 68.8 127.8



#35
Methylcyclohexane
Concen: 5.586 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion: 83 Resp: 136026
Ion Ratio Lower Upper
83 100
55 72.7 64.7 97.1
98 48.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.472 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

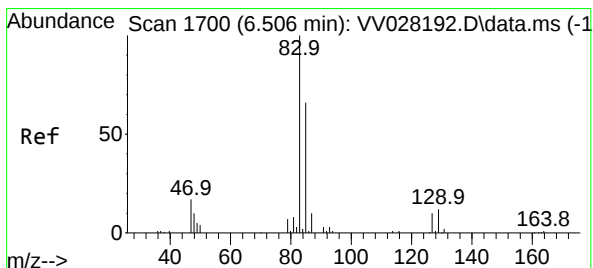
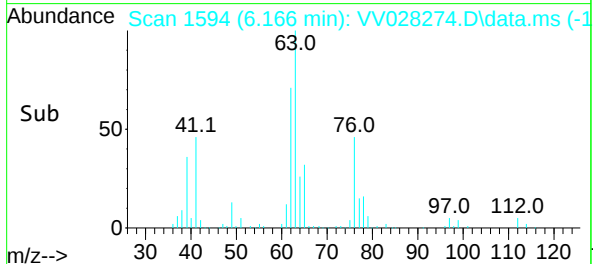
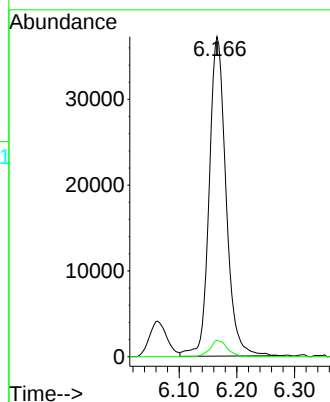
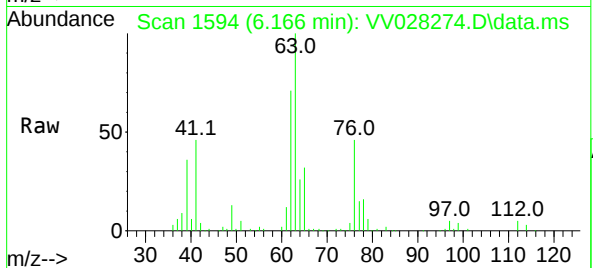
ClientSampleId :

Tgt Ion: 63 Resp: 75502

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 5.392 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

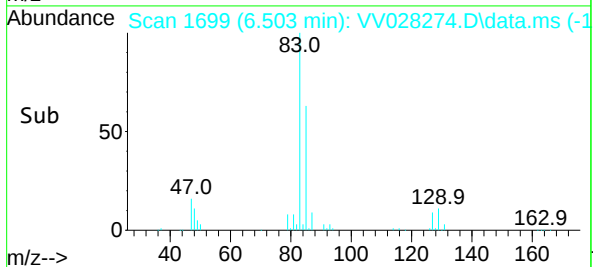
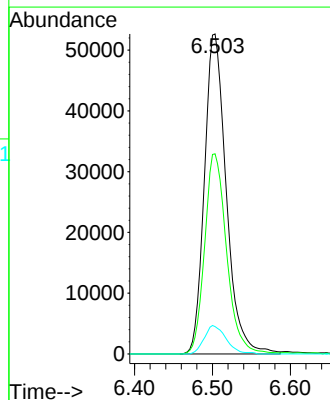
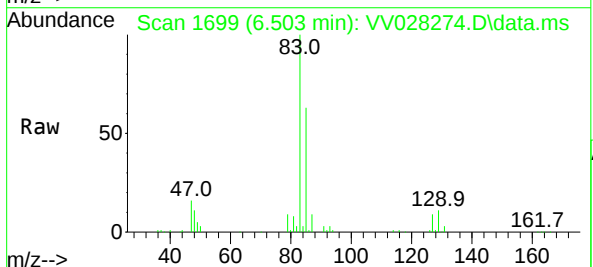
Tgt Ion: 83 Resp: 102595

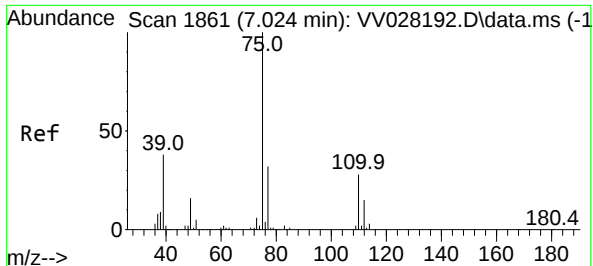
Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.570 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

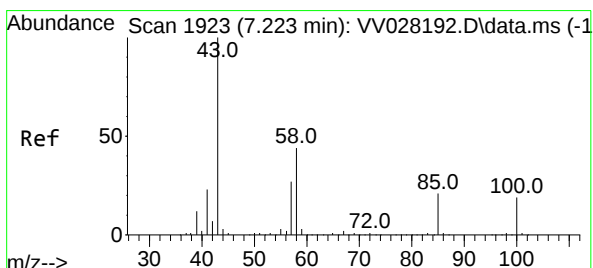
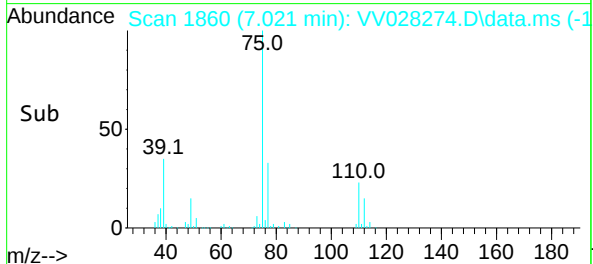
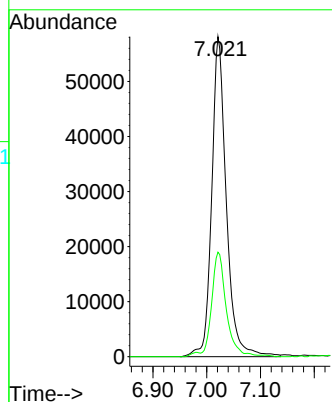
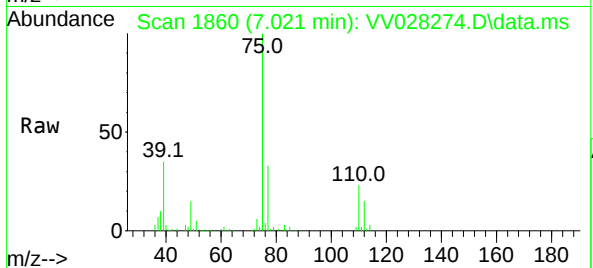
ClientSampleId :

Tgt Ion: 75 Resp: 109690

Ion Ratio Lower Upper

75 100

77 32.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.416 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

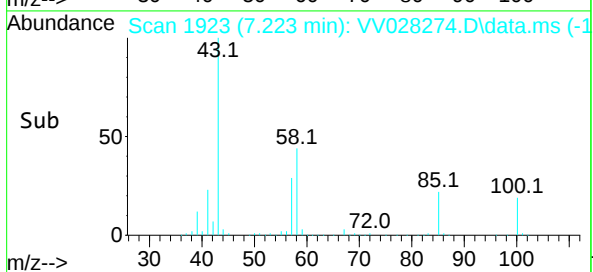
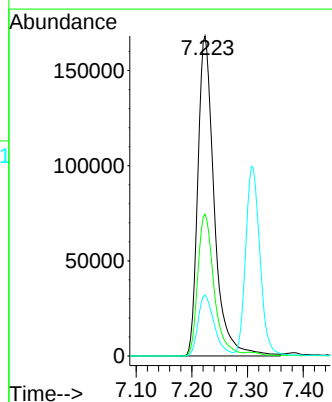
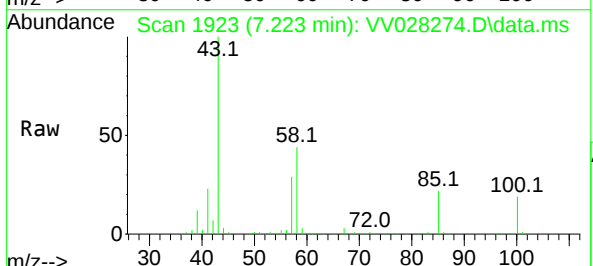
Tgt Ion: 43 Resp: 344939

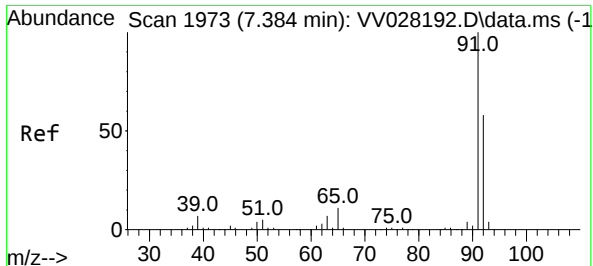
Ion Ratio Lower Upper

43 100

58 43.7 32.2 48.4

100 18.9 12.7 19.1





#42

Toluene

Concen: 5.528 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

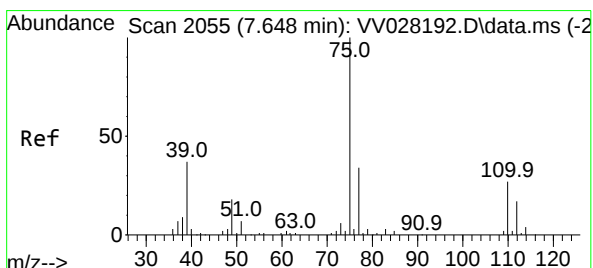
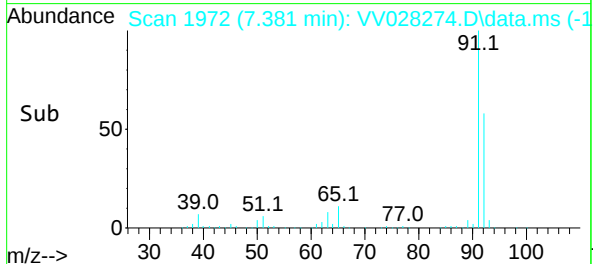
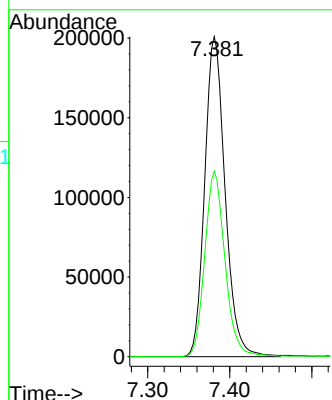
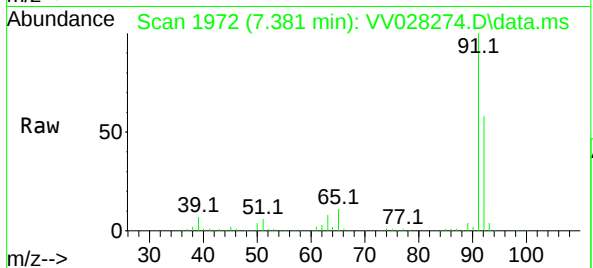
ClientSampleId :

Tgt Ion: 91 Resp: 346526

Ion Ratio Lower Upper

91 100

92 58.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.316 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV028274.D

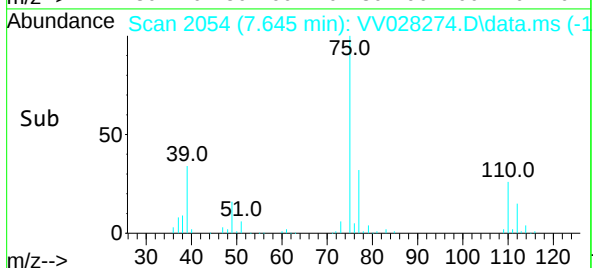
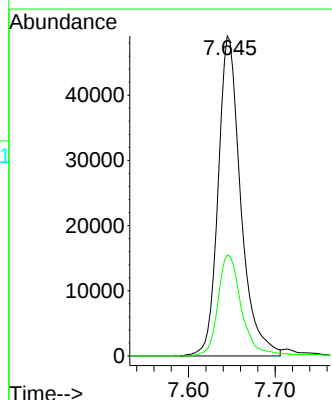
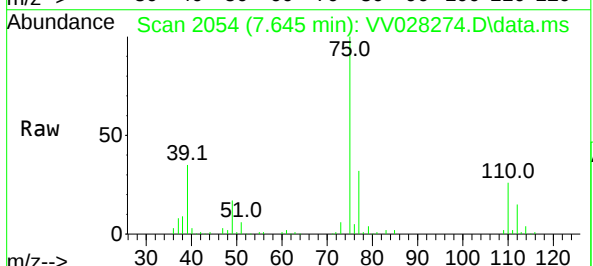
Acq: 03 Oct 2022 12:39

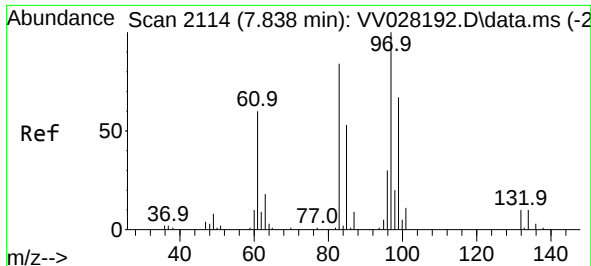
Tgt Ion: 75 Resp: 88940

Ion Ratio Lower Upper

75 100

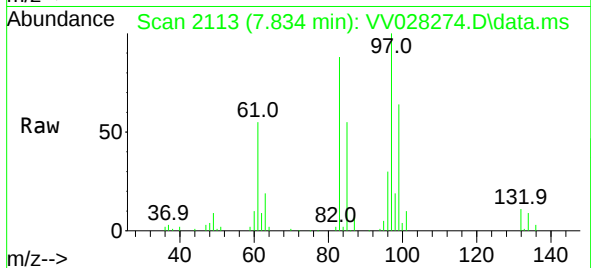
77 31.6 23.9 44.3



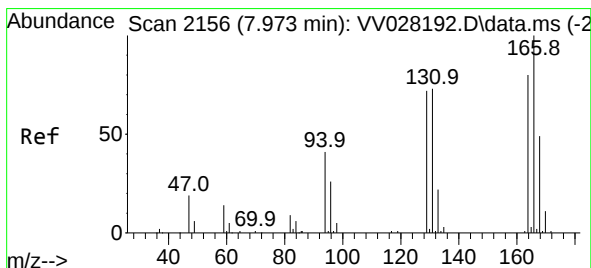
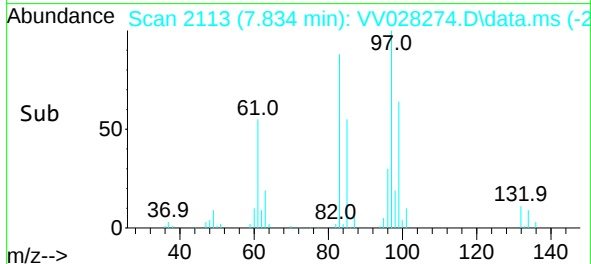
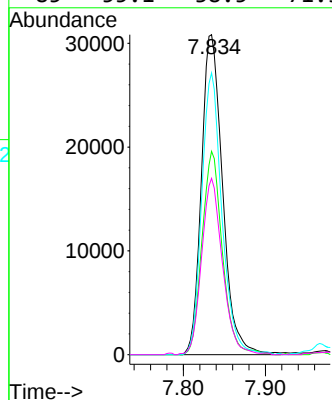


#45
1,1,2-Trichloroethane
Concen: 5.408 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Instrument :
MSVOA_V
ClientSampleId :

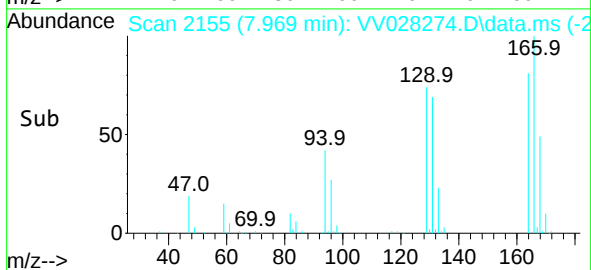
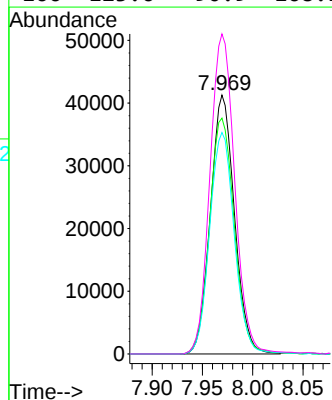
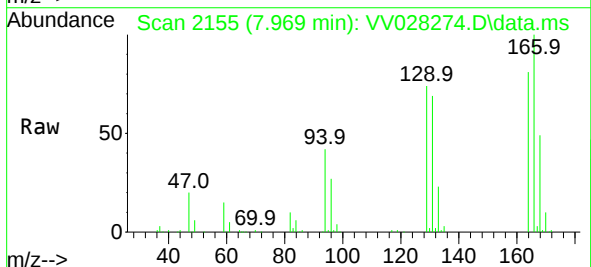


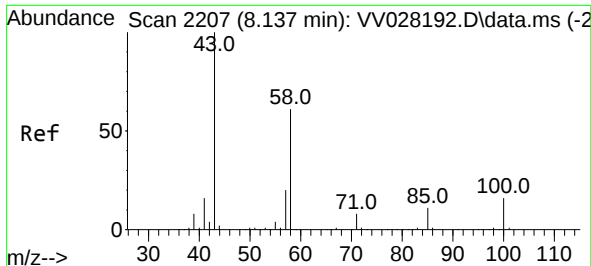
Tgt Ion: 97	Resp: 55344
Ion Ratio	Lower Upper
97 100	
99 63.5	43.2 80.2
83 88.1	59.1 109.9
85 55.1	38.5 71.5



#47
Tetrachloroethene
Concen: 5.278 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

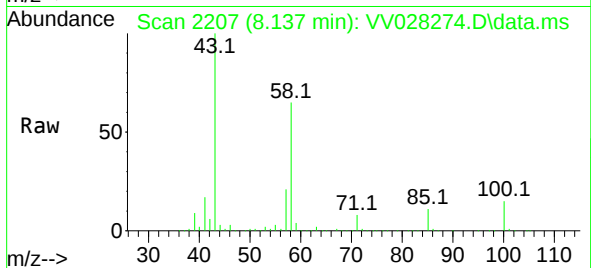
Tgt	Ion:164	Resp:	68800
Ion	Ratio	Lower	Upper
164	100		
129	91.1	66.7	123.9
131	85.5	61.7	114.5
166	123.6	90.9	168.9



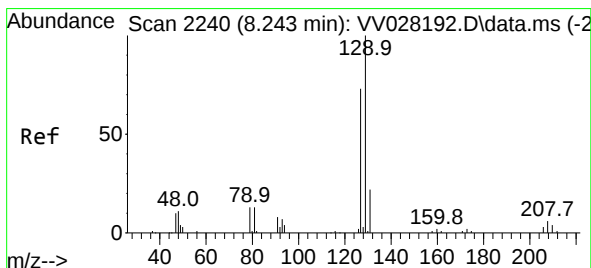
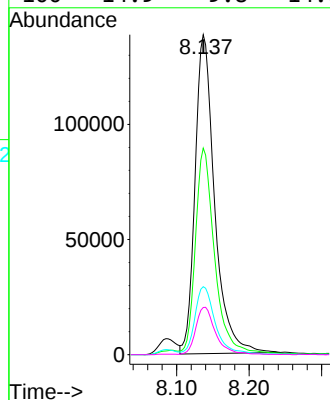
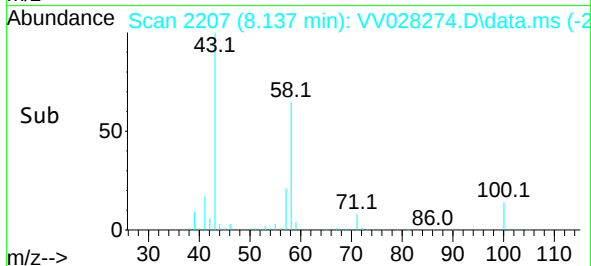


#48
2-Hexanone
Concen: 58.394 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.001 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Instrument :
MSVOA_V
ClientSampleId :

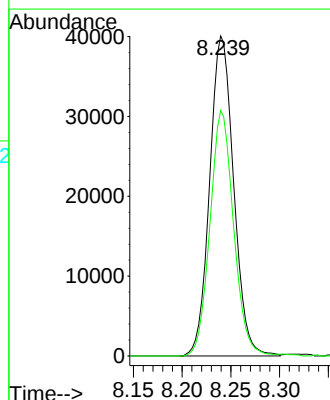
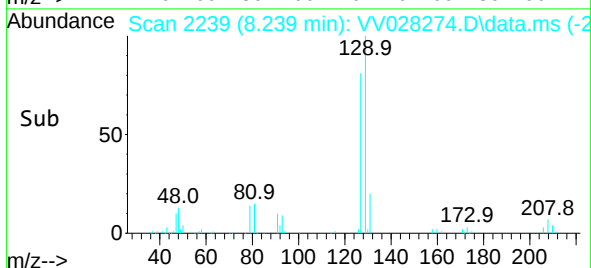
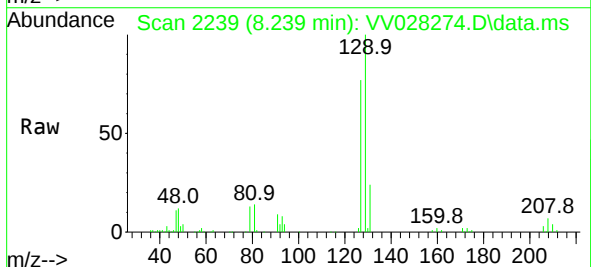


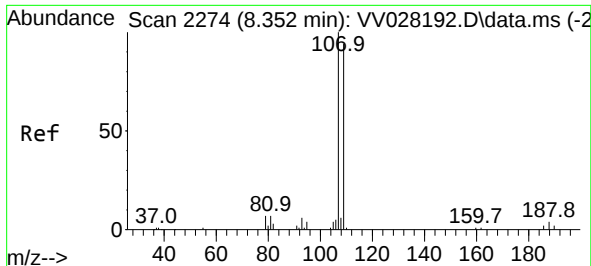
Tgt Ion: 43 Resp: 259253
Ion Ratio Lower Upper
43 100
58 63.9 45.7 68.5
57 22.0 15.5 23.3
100 14.9 9.8 14.6#



#49
Dibromochloromethane
Concen: 5.296 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion: 129 Resp: 68591
Ion Ratio Lower Upper
129 100
127 76.7 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.505 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028274.D

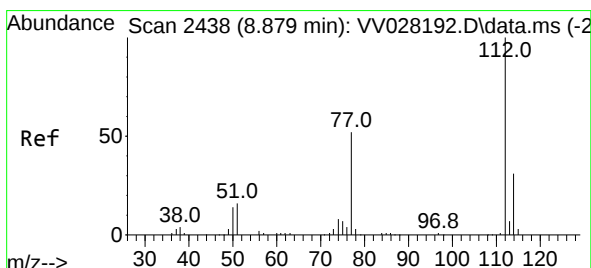
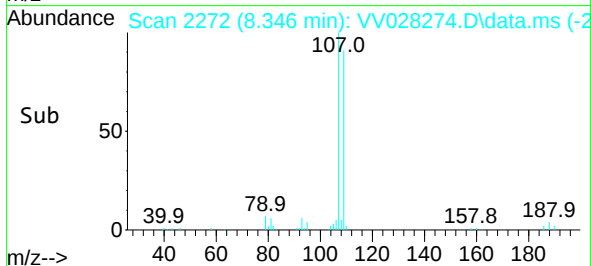
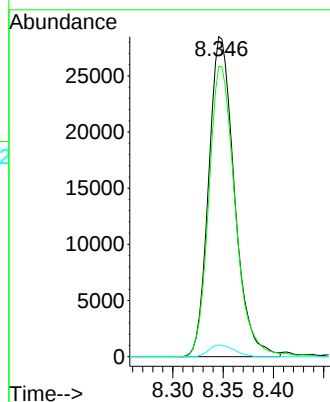
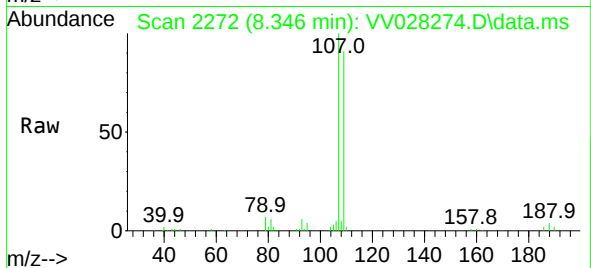
Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	50697
Ion Ratio	Lower	Upper
107	100	
109	90.7	65.9 122.5
188	3.7	3.4 5.0



#51

Chlorobenzene

Concen: 5.272 ug/L

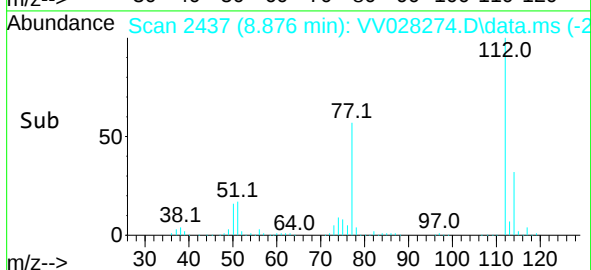
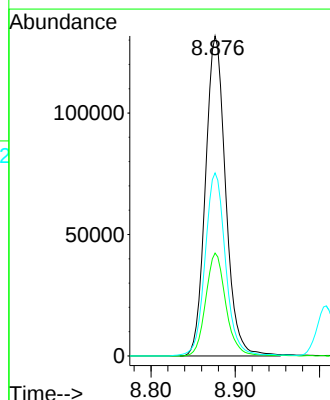
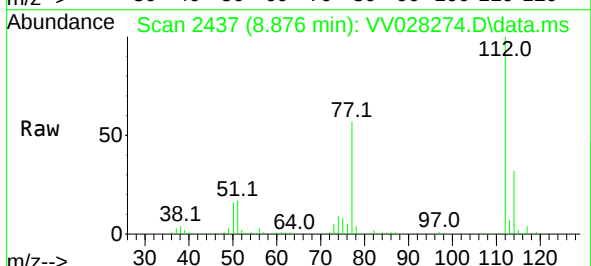
RT: 8.876 min Scan# 2437

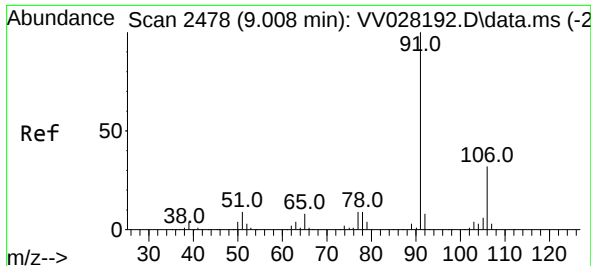
Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Tgt Ion:112	Resp:	219769
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.5 41.7
77	57.2	46.1 69.1

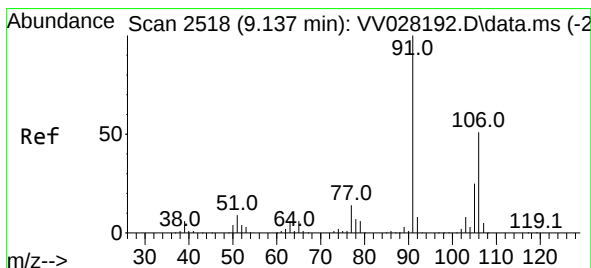
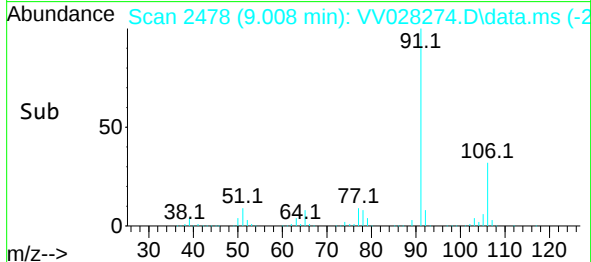
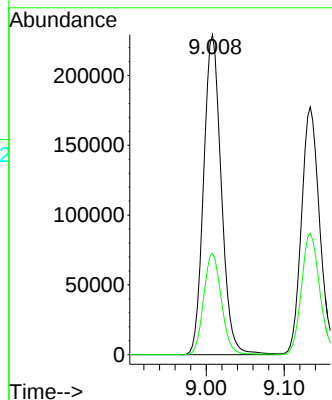
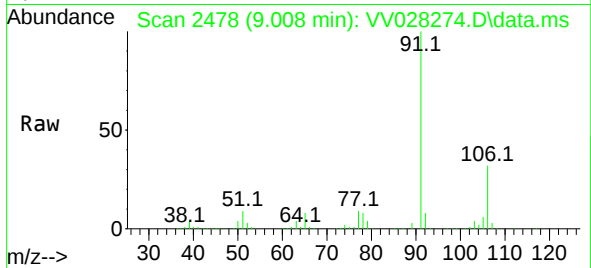




#52
Ethylbenzene
Concen: 5.471 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

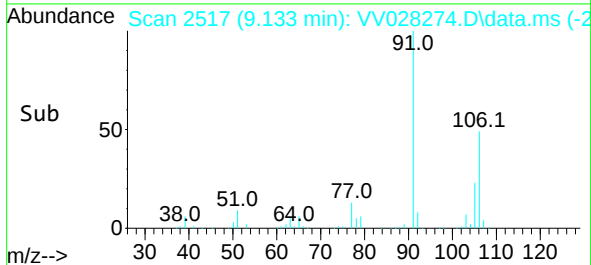
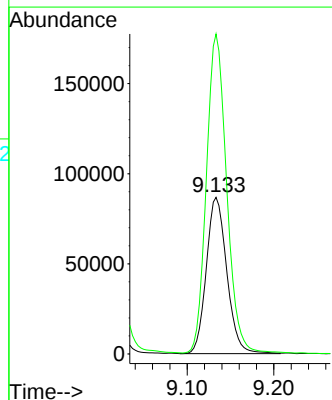
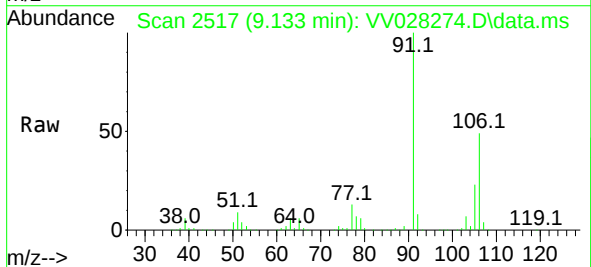
Instrument :
MSVOA_V
ClientSampleId :

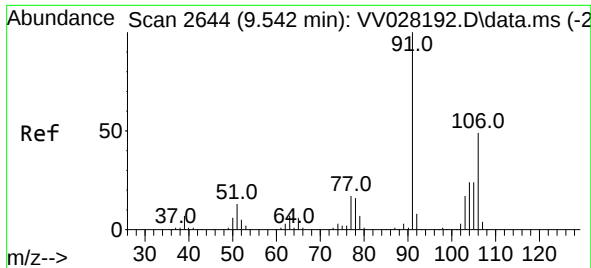
Tgt Ion: 91 Resp: 360437
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.427 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion: 106 Resp: 142522
Ion Ratio Lower Upper
106 100
91 204.2 141.9 263.5

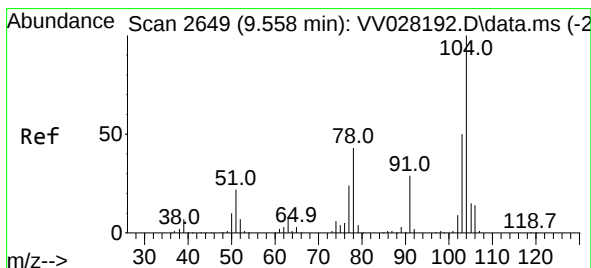
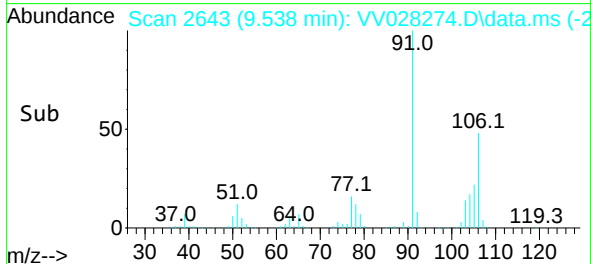
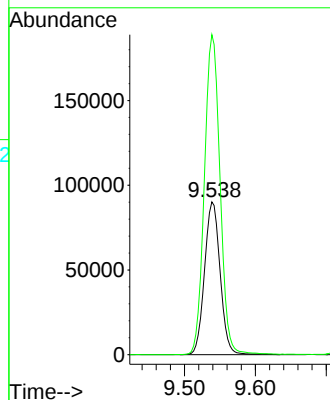
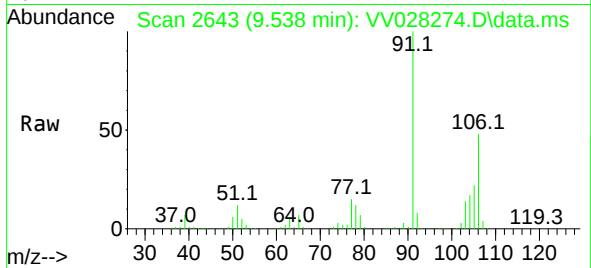




#54
o-Xylene
Concen: 5.559 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

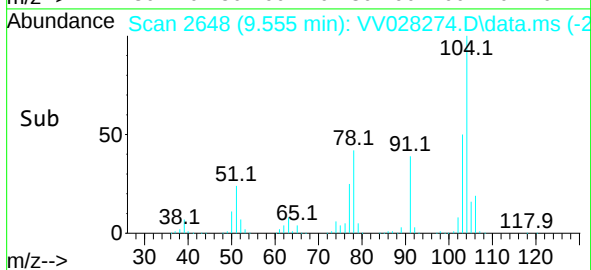
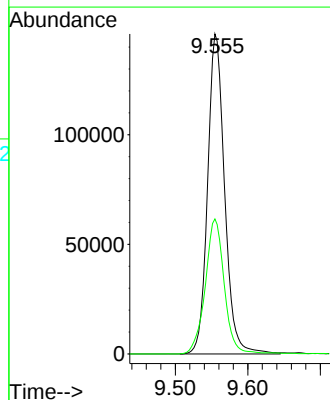
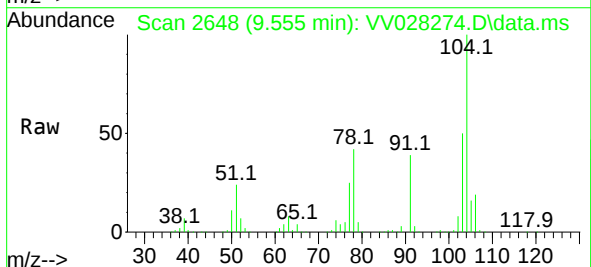
Instrument :
MSVOA_V
ClientSampleId :

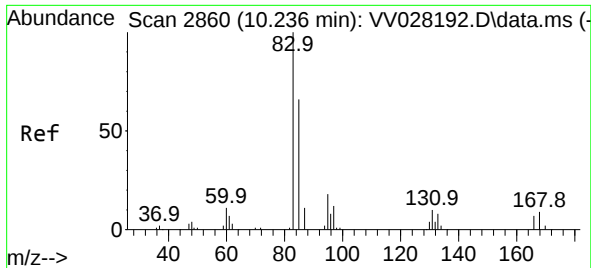
Tgt Ion:106 Resp: 138066
Ion Ratio Lower Upper
106 100
91 209.5 148.1 275.0



#55
Styrene
Concen: 5.578 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion:104 Resp: 238097
Ion Ratio Lower Upper
104 100
78 42.2 31.0 57.6

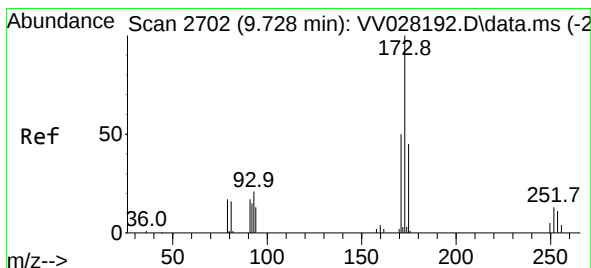
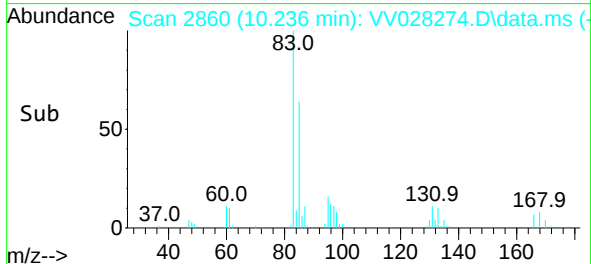
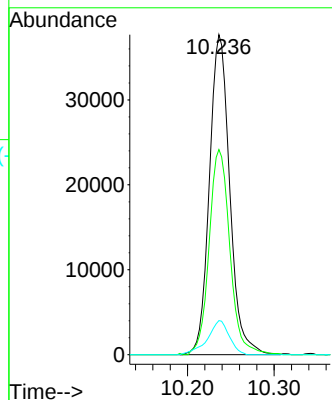
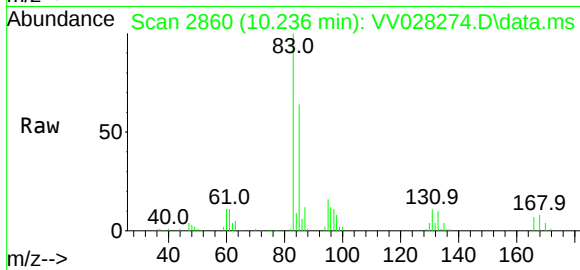




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.297 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

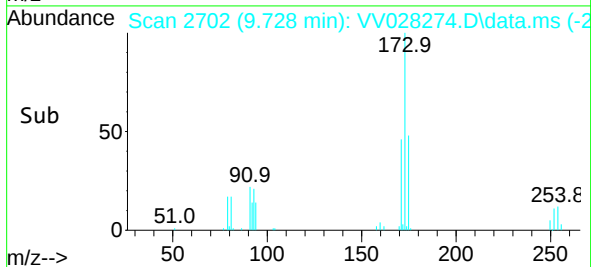
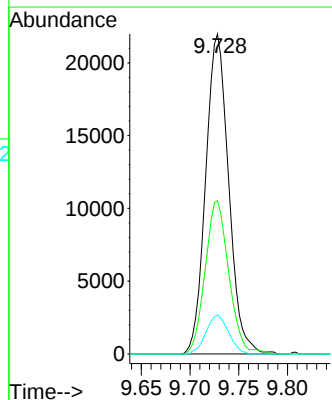
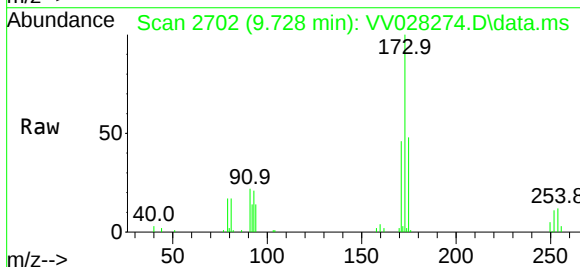
Instrument :
 MSVOA_V
 ClientSampleId :

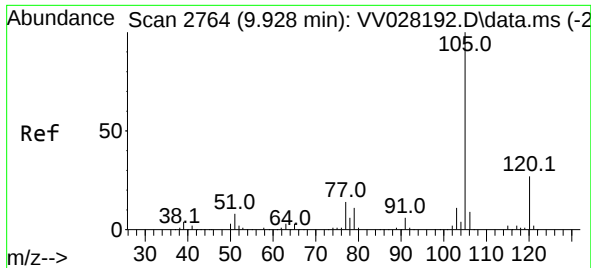
Tgt Ion: 83 Resp: 61502
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.2 84.0
 131 10.6 7.8 11.8



#59
 Bromoform
 Concen: 5.085 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV028274.D
 Acq: 03 Oct 2022 12:39

Tgt Ion: 173 Resp: 36076
 Ion Ratio Lower Upper
 173 100
 175 49.2 39.0 58.4
 254 11.8 8.7 13.1

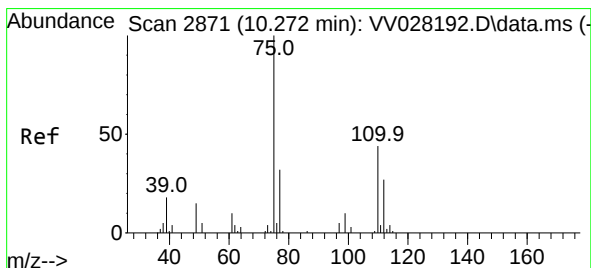
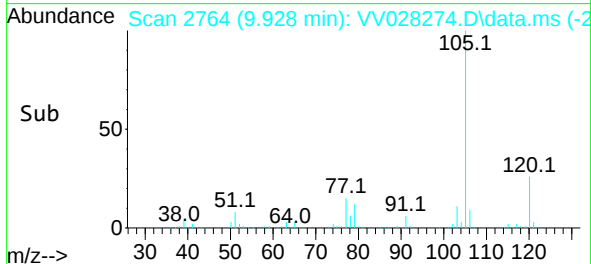
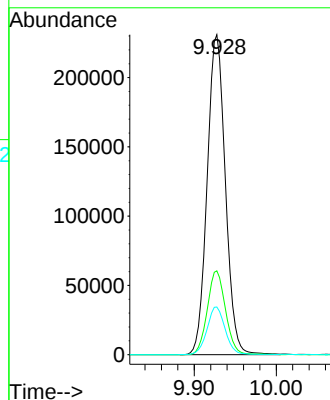
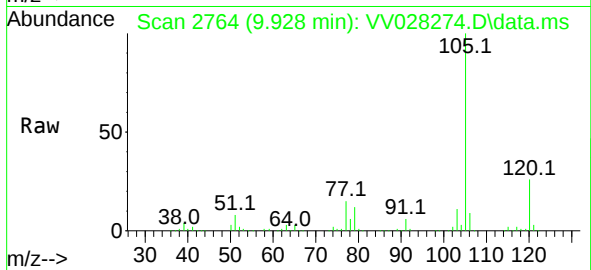




#60
Isopropylbenzene
Concen: 5.393 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

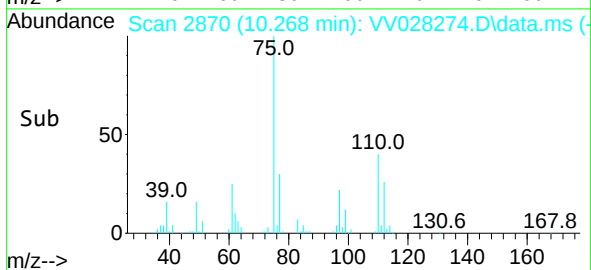
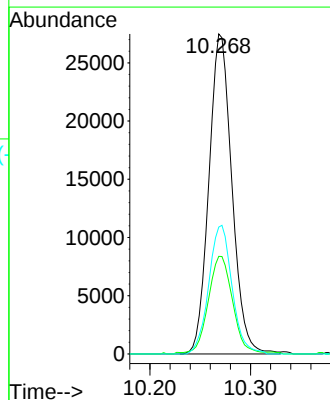
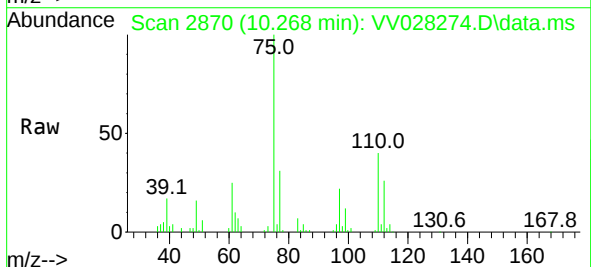
Instrument :
MSVOA_V
ClientSampleId :

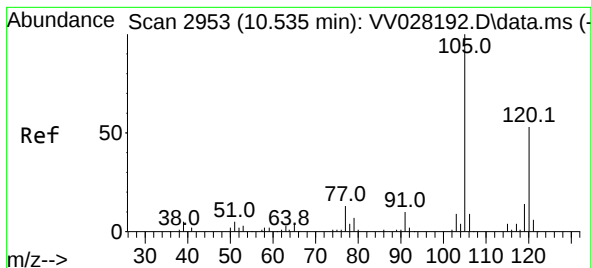
Tgt Ion:105 Resp: 355474
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.257 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion: 75 Resp: 43696
Ion Ratio Lower Upper
75 100
77 32.3 26.7 40.1
110 40.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 5.266 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

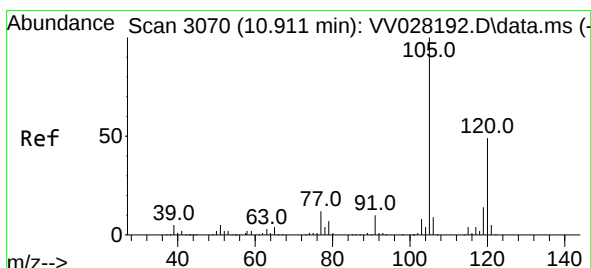
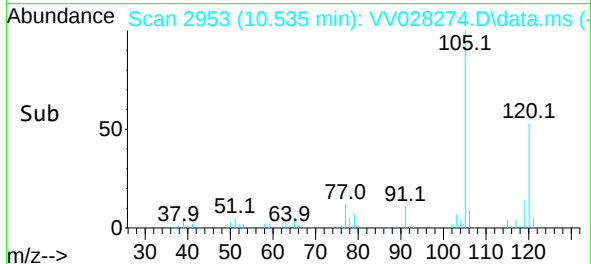
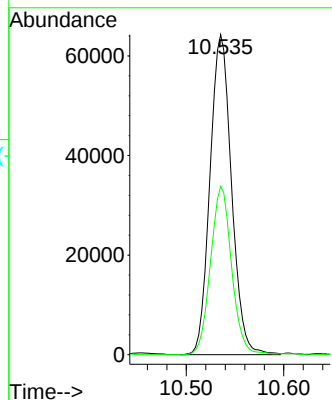
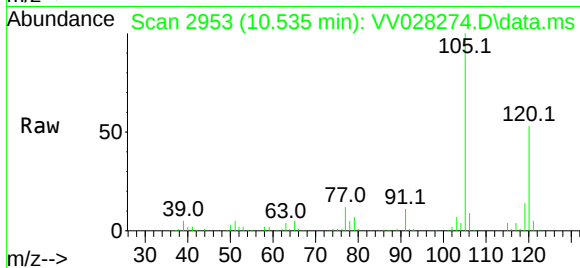
ClientSampleId :

Tgt Ion:105 Resp: 98631

Ion Ratio Lower Upper

105 100

120 51.5 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.458 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028274.D

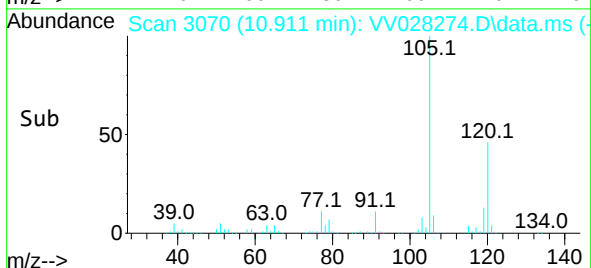
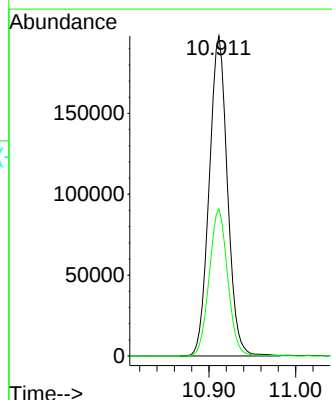
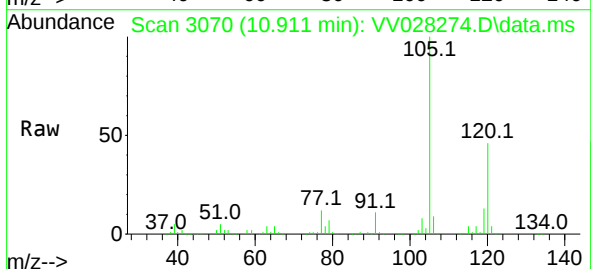
Acq: 03 Oct 2022 12:39

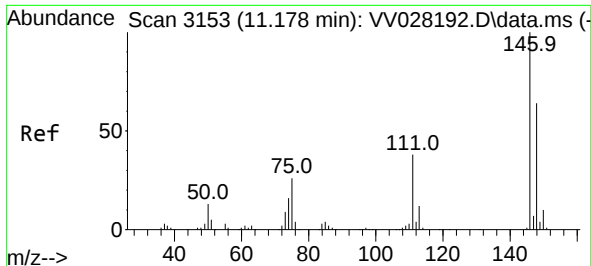
Tgt Ion:105 Resp: 289712

Ion Ratio Lower Upper

105 100

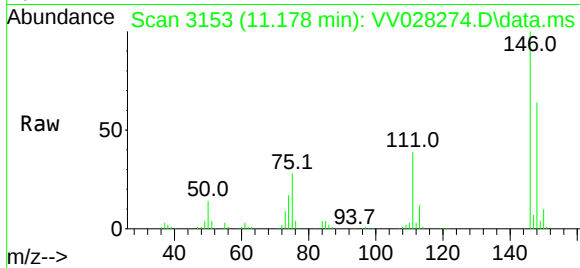
120 46.3 37.8 56.8



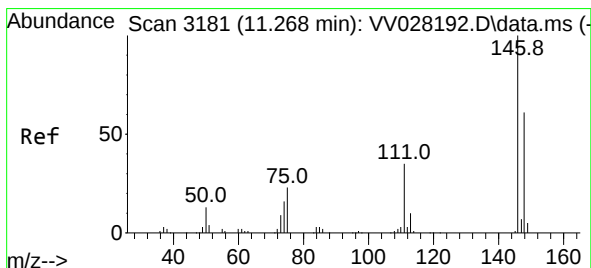
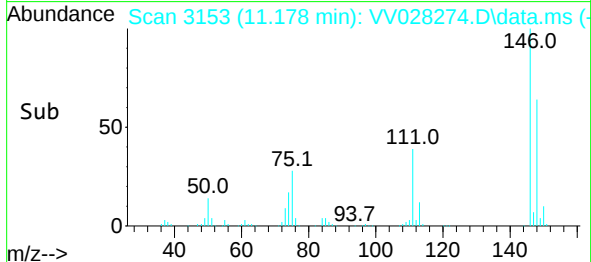
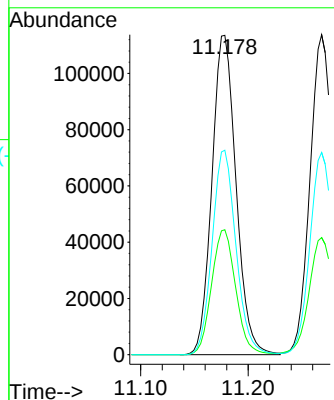


#64
1,3-Dichlorobenzene
Concen: 5.471 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Instrument :
MSVOA_V
ClientSampleId :

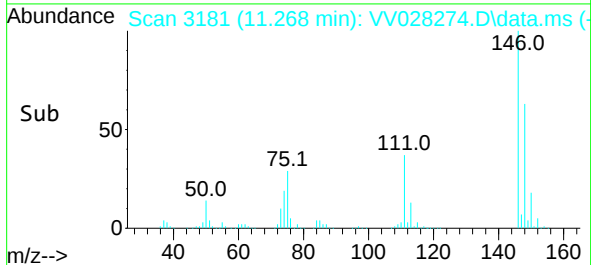
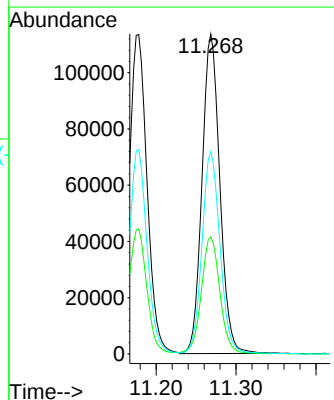
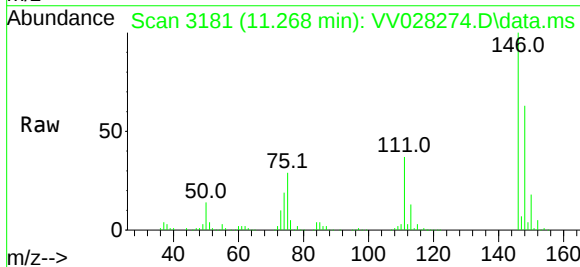


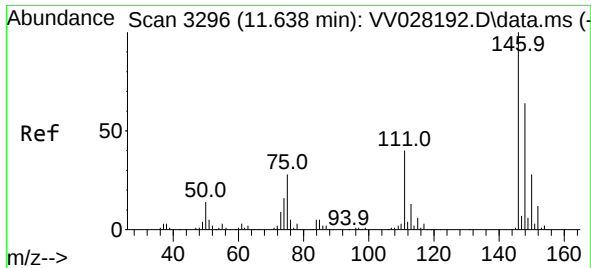
Tgt Ion:146 Resp: 177164
Ion Ratio Lower Upper
146 100
111 39.1 27.1 50.3
148 64.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.434 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028274.D
Acq: 03 Oct 2022 12:39

Tgt Ion:146 Resp: 176192
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 63.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.328 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

ClientSampleId :

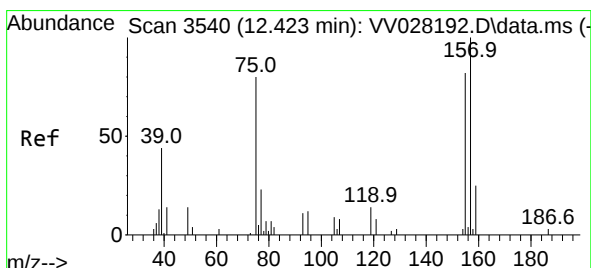
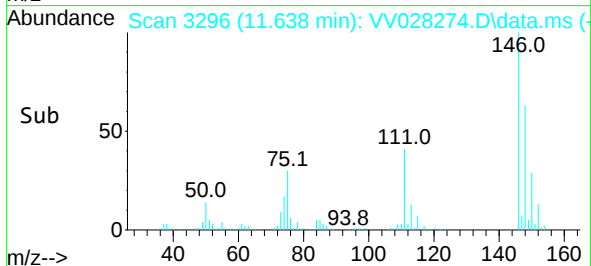
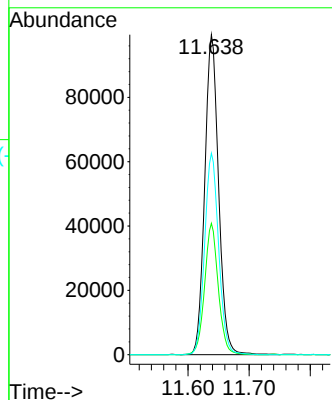
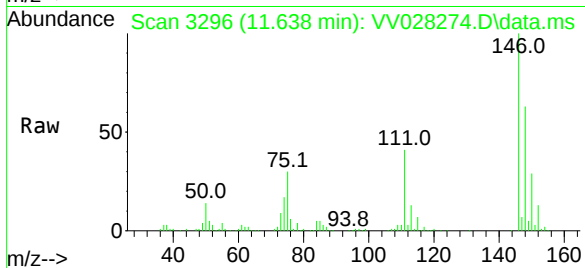
Tgt Ion:146 Resp: 156457

Ion Ratio Lower Upper

146 100

111 41.0 32.6 49.0

148 63.0 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.098 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

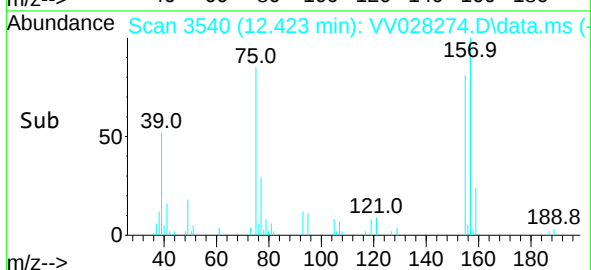
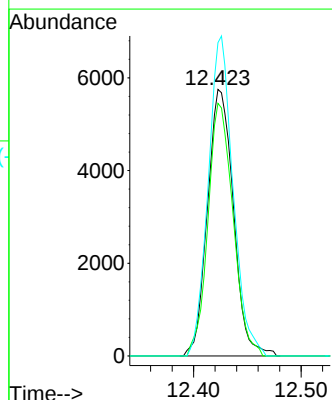
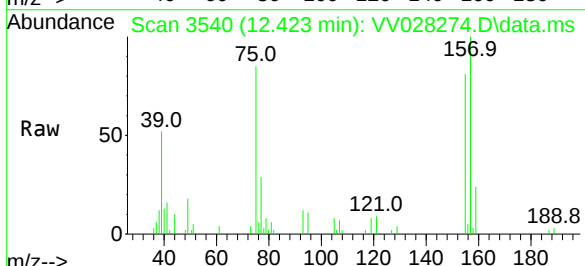
Tgt Ion: 75 Resp: 9652

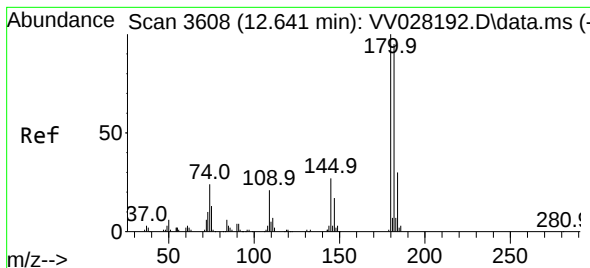
Ion Ratio Lower Upper

75 100

155 94.8 73.6 110.4

157 117.5 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 5.446 ug/L

RT: 12.641 min Scan# 30

Delta R.T. 0.000 min

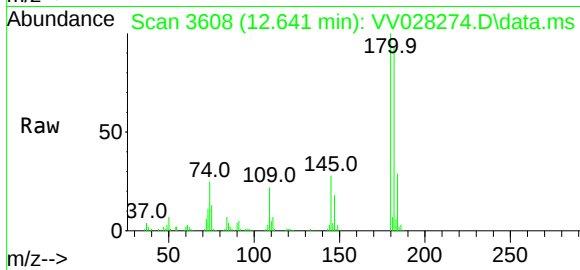
Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 139482

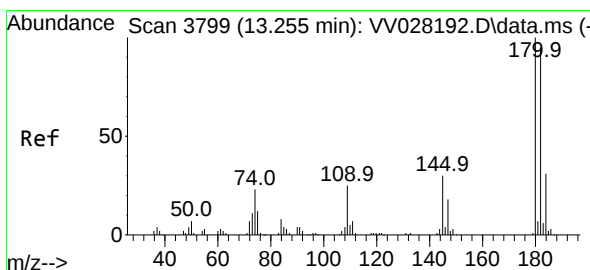
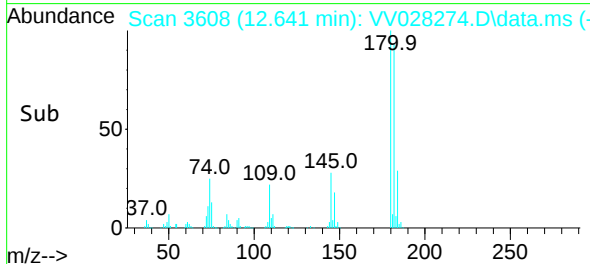
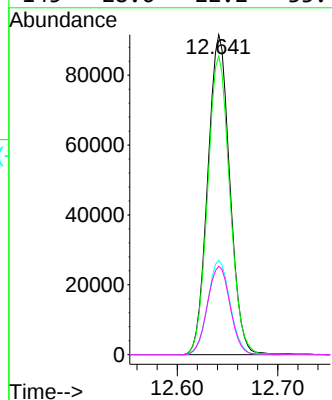
Ion Ratio Lower Upper

180 100

182 94.0 75.5 113.3

184 29.8 23.7 35.5

145 28.6 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 5.190 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

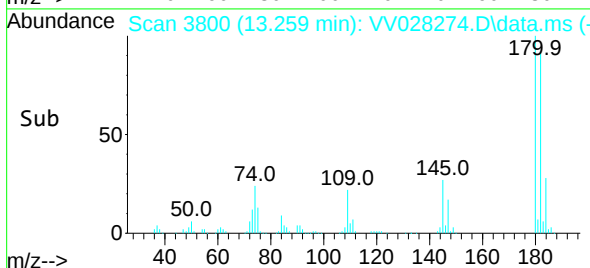
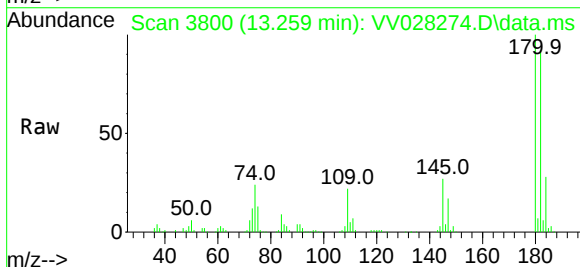
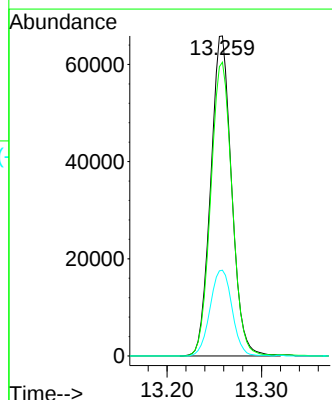
Tgt Ion:180 Resp: 101306

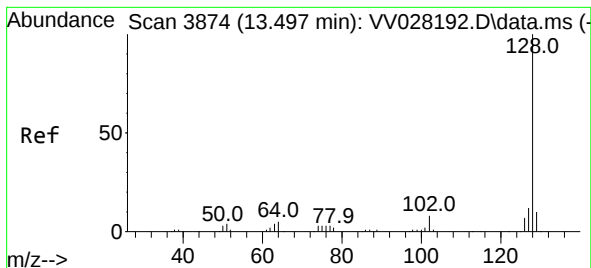
Ion Ratio Lower Upper

180 100

182 93.5 76.3 114.5

145 28.2 22.9 34.3





#71

Naphthalene

Concen: 5.327 ug/L

RT: 13.497 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Instrument :

MSVOA_V

ClientSampleId :

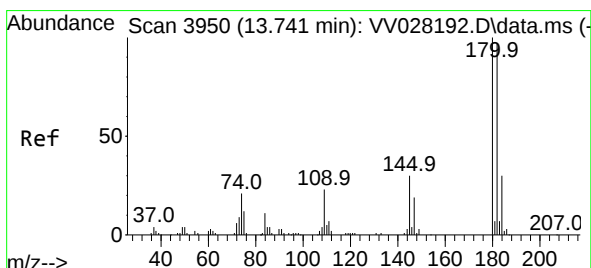
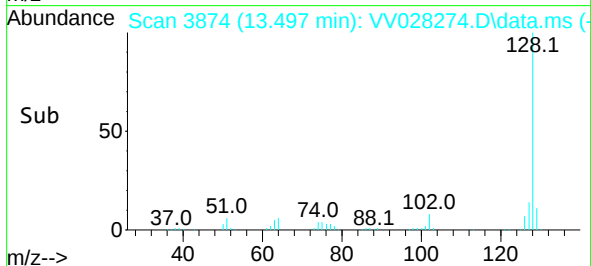
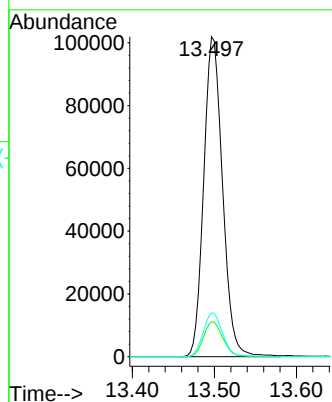
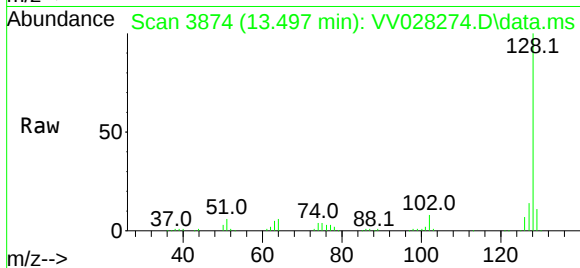
Tgt Ion:128 Resp: 162384

Ion Ratio Lower Upper

128 100

129 11.1 8.2 12.2

127 14.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.437 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. -0.003 min

Lab File: VV028274.D

Acq: 03 Oct 2022 12:39

Tgt Ion:180 Resp: 95658

Ion Ratio Lower Upper

180 100

182 95.9 77.4 116.0

145 31.2 24.6 36.8

