

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101822\
 Data File : VW028625.D
 Acq On : 18 Oct 2022 20:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 00:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.580	114	276602	5.000	ug/L	-0.03
28) Chlorobenzene-d5	8.854	117	162908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	82112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	58596	2.462	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.200%
7) Chloroethane-d5	1.555	69	57594	2.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.800%#
11) 1,1-Dichloroethene-d2	2.095	63	126833	2.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.944	46	248129	48.486	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	4.339	84	132166	3.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.031	65	82596	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.037	84	260664	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.040	67	102545	6.041	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.800%
41) Toluene-d8	7.317	98	156247	3.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.628	79	18589	3.242	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.114	63	115837	46.801	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50423	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	56891	4.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	49306	3.156	ug/L	97
3) Chloromethane	1.230	50	96328	3.684	ug/L	100
5) Vinyl chloride	1.298	62	95140	3.735	ug/L	96
6) Bromomethane	1.510	94	42941	3.744	ug/L	95
8) Chloroethane	1.574	64	61485	3.722	ug/L	99
9) Trichlorofluoromethane	1.741	101	116079	3.729	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	67913	3.701	ug/L	98
12) 1,1-Dichloroethene	2.105	96	62983	3.662	ug/L	93
13) Acetone	2.230	43	124337	34.599	ug/L	89
14) Carbon disulfide	2.278	76	160618	3.335	ug/L	100
15) Methyl Acetate	2.449	43	45130	5.307	ug/L	96
16) Methylene chloride	2.494	84	80907	3.335	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	192118	4.398	ug/L	100
18) trans-1,2-Dichloroethene	2.744	96	70720	3.943	ug/L	98
19) 1,1-Dichloroethane	3.175	63	163919	4.061	ug/L	100
21) 2-Butanone	4.027	43	248329	48.246	ug/L	99
22) cis-1,2-Dichloroethene	3.896	96	80420	3.966	ug/L #	99
23) Bromochloromethane	4.236	128	29665	3.815	ug/L	97
25) Chloroform	4.368	83	153724	4.019	ug/L	98

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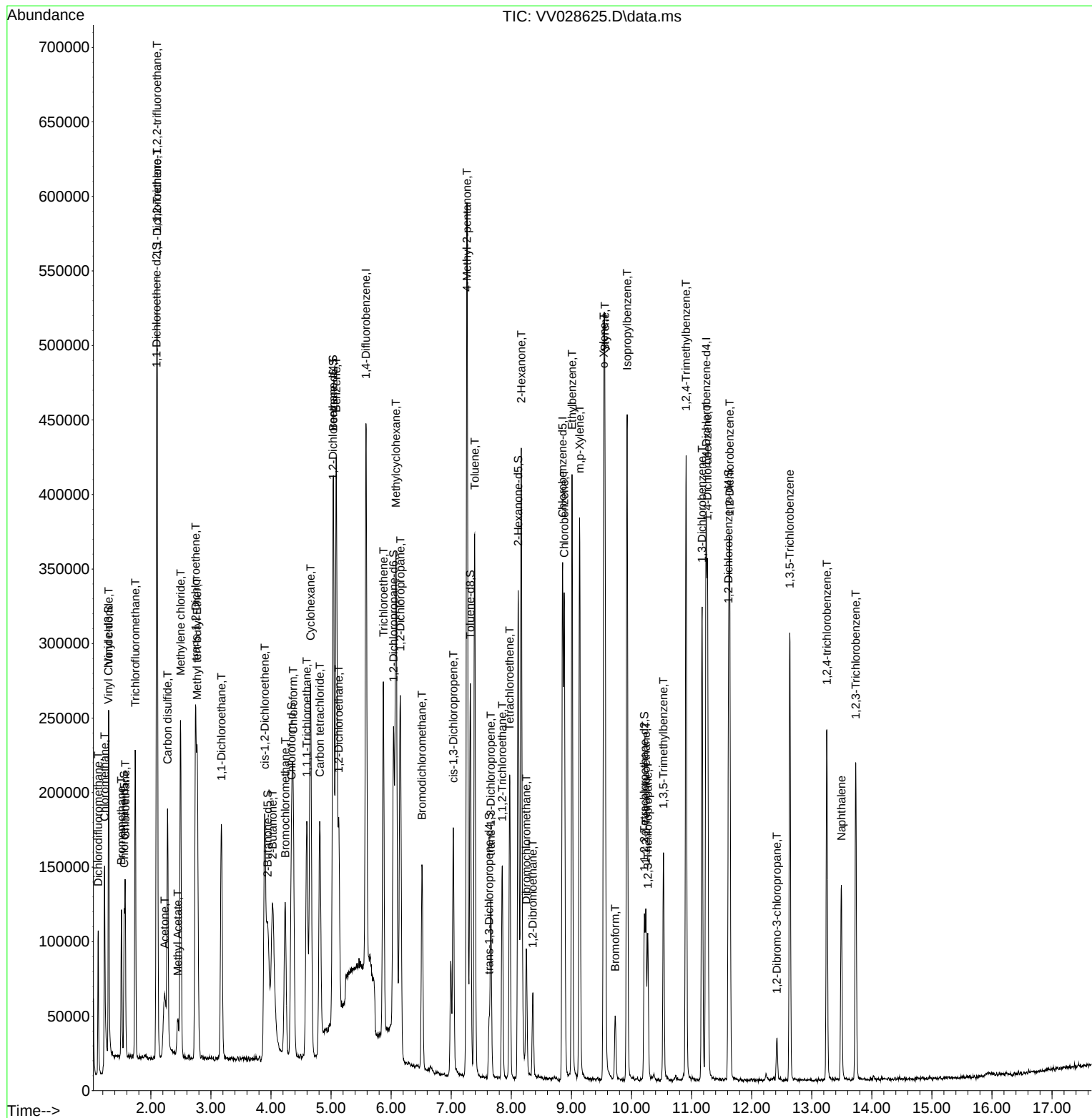
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	111913	4.914	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	122571	5.443	ug/L	98
30) Cyclohexane	4.658	56	143736	5.528	ug/L	98
31) Carbon tetrachloride	4.812	117	101120	5.711	ug/L	98
33) Benzene	5.085	78	338669	5.883	ug/L	100
34) Trichloroethene	5.870	95	79710	5.798	ug/L	96
35) Methylcyclohexane	6.079	83	147698	6.452	ug/L	94
37) 1,2-Dichloropropane	6.153	63	92240	6.297	ug/L	100
38) Bromodichloromethane	6.513	83	85736	5.132	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	91623	4.695	ug/L	99
40) 4-Methyl-2-pentanone	7.262	43	418387	52.446	ug/L	99
42) Toluene	7.391	91	249328	4.616	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	61786	4.129	ug/L	99
45) 1,1,2-Trichloroethane	7.850	97	41657	5.115	ug/L	98
47) Tetrachloroethene	7.973	164	41102	4.593	ug/L	96
48) 2-Hexanone	8.165	43	292750	53.053	ug/L	98
49) Dibromochloromethane	8.249	129	39046	4.495	ug/L	99
50) 1,2-Dibromoethane	8.358	107	36196	5.048	ug/L	98
51) Chlorobenzene	8.882	112	155432	4.642	ug/L	99
52) Ethylbenzene	9.011	91	273078	4.552	ug/L	99
53) m,p-Xylene	9.136	106	99356	4.428	ug/L	99
54) o-Xylene	9.538	106	100439	4.618	ug/L	98
55) Styrene	9.558	104	169080	4.595	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53141	5.311	ug/L	96
59) Bromoform	9.728	173	16988	4.109	ug/L	97
60) Isopropylbenzene	9.927	105	269762	4.501	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38056	5.187	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	76955	4.268	ug/L	98
63) 1,2,4-Trimethylbenzene	10.908	105	214667	4.354	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	113238	4.479	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	112420	4.536	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	107332	4.732	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	6628	4.351	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	81859	4.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	61933	4.396	ug/L	98
71) Naphthalene	13.493	128	97042	4.597	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	56158	4.837	ug/L	100

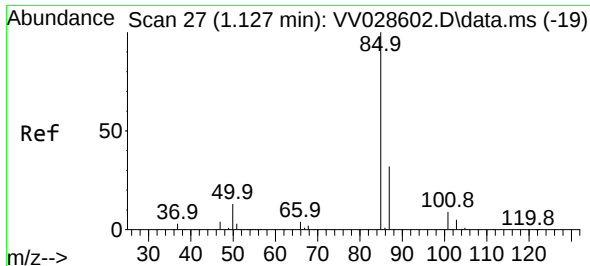
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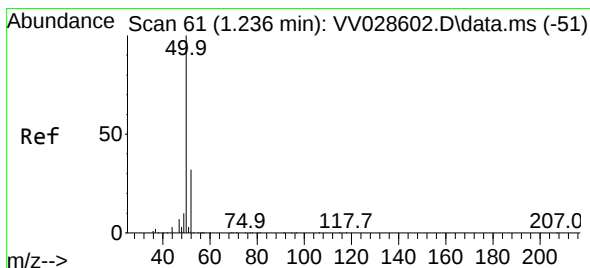
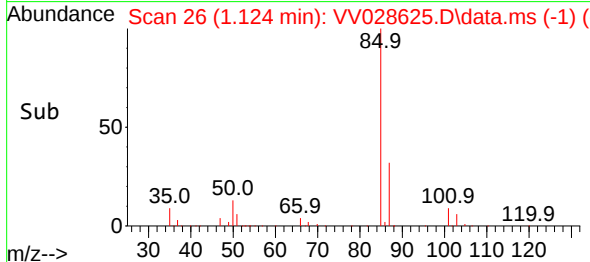
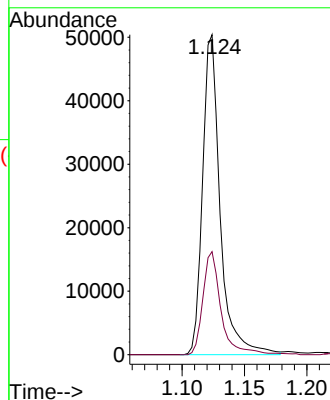
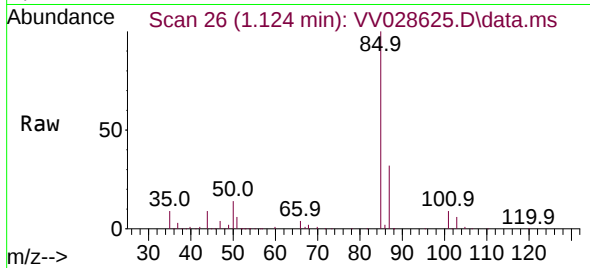




#2
 Dichlorodifluoromethane
 Concen: 3.156 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

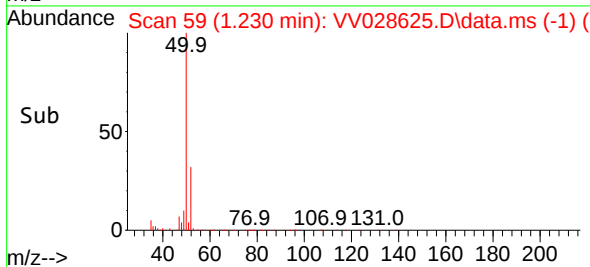
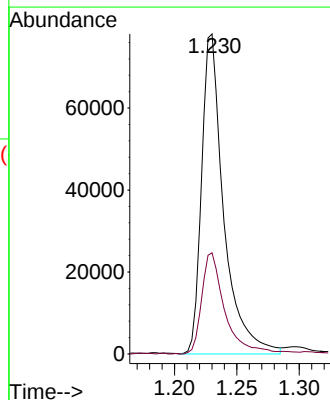
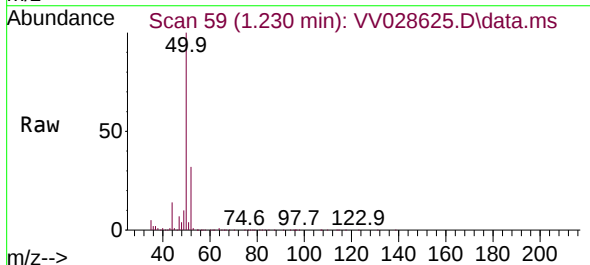
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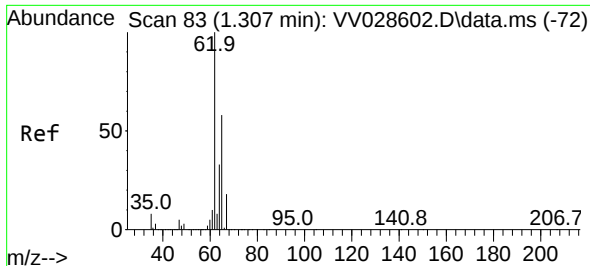
Tgt Ion: 85 Resp: 49306
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.4 38.2



#3
 Chloromethane
 Concen: 3.684 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.006 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

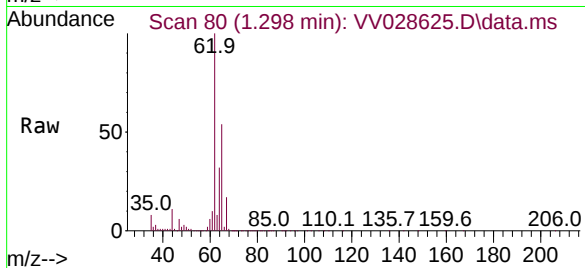
Tgt Ion: 50 Resp: 96328
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.0 41.0



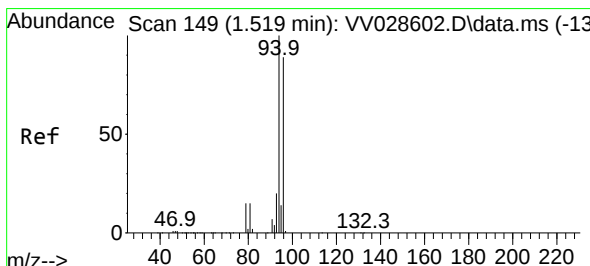
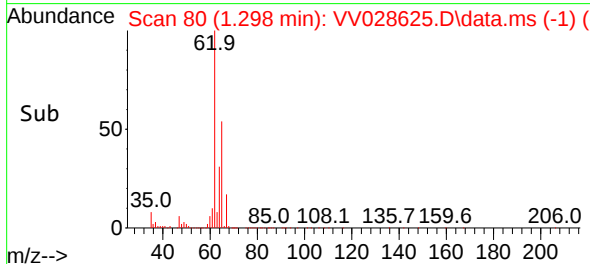
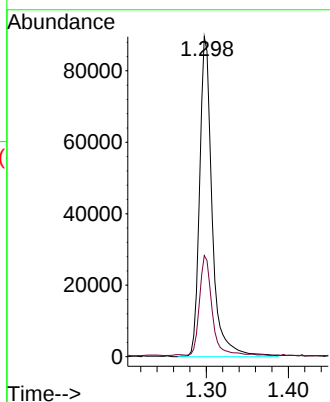


#5
 Vinyl chloride
 Concen: 3.735 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

Instrument :
 MSVOA_V
 ClientSampleId :

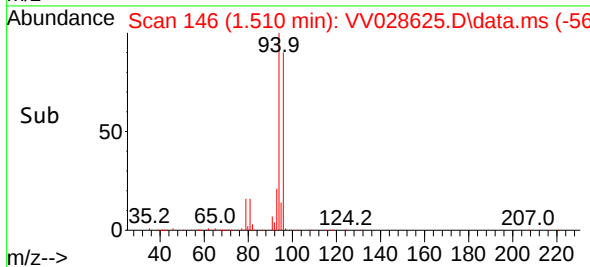
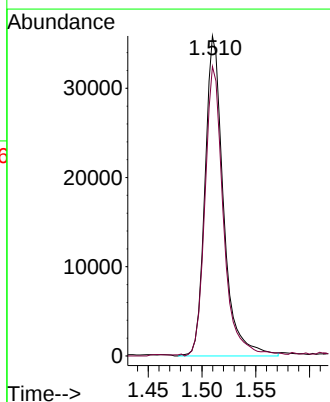
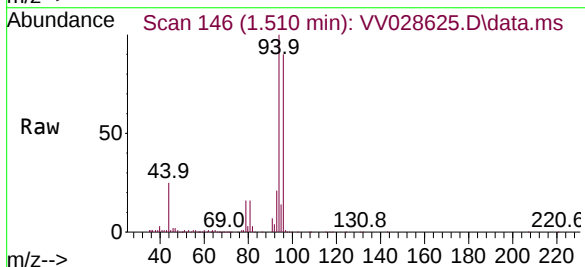


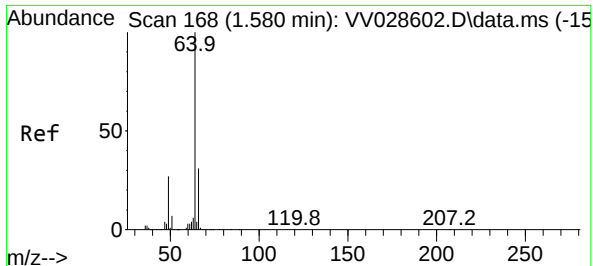
Tgt Ion: 62 Resp: 95140
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.7 44.1



#6
 Bromomethane
 Concen: 3.744 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.010 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

Tgt Ion: 94 Resp: 42941
 Ion Ratio Lower Upper
 94 100
 96 90.4 67.0 124.4

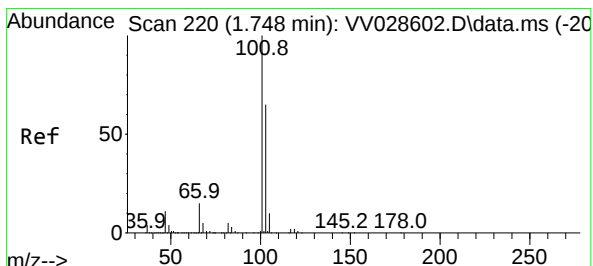
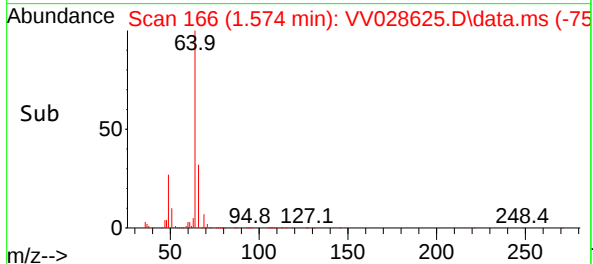
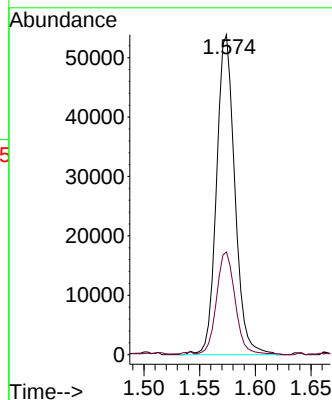
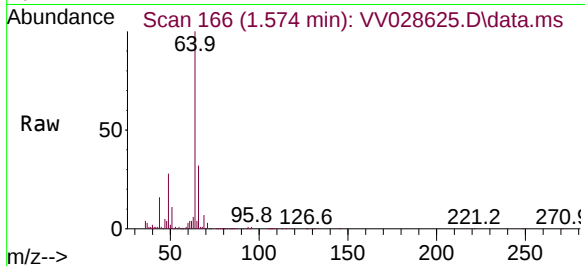




#8
Chloroethane
Concen: 3.722 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

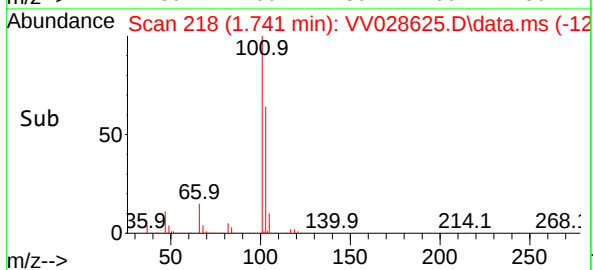
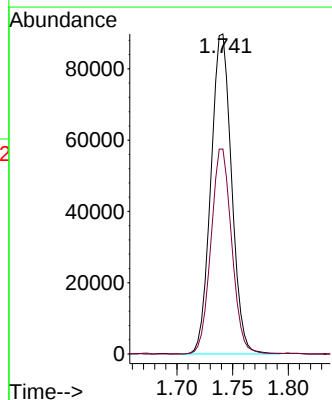
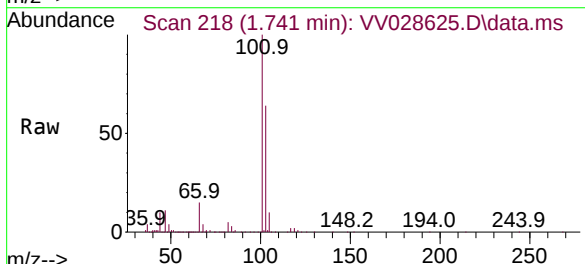
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ClientSampleId :

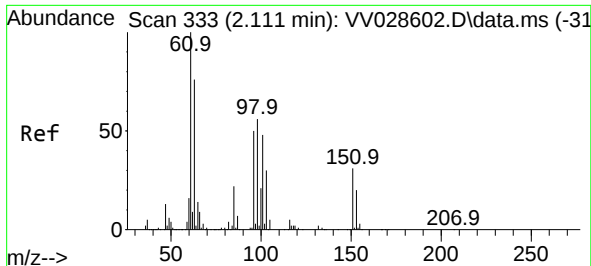
Tgt Ion: 64 Resp: 61485
Ion Ratio Lower Upper
64 100
66 32.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 3.729 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion:101 Resp: 116079
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

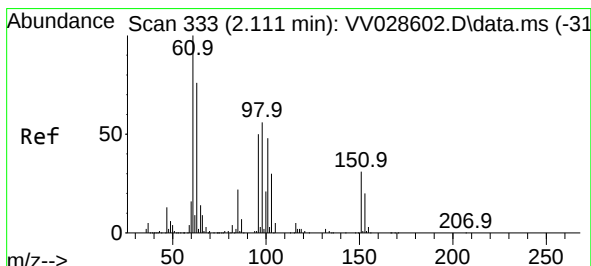
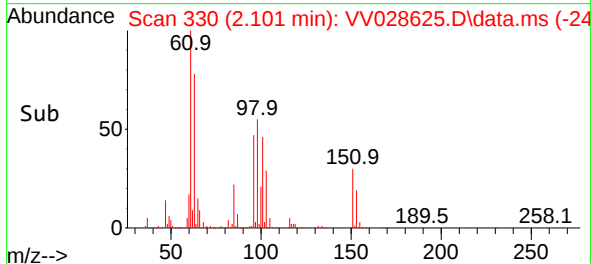
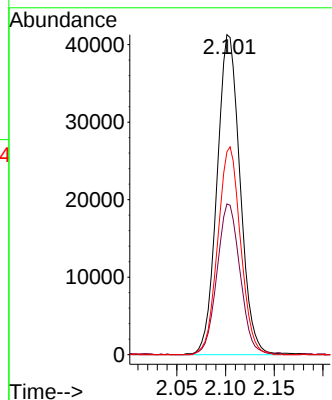
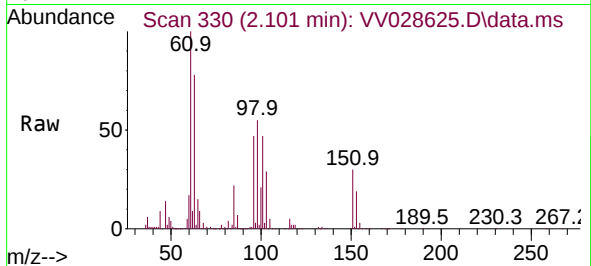




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.701 ug/L
 RT: 2.101 min Scan# 311
 Delta R.T. -0.010 min
 Lab File: VV028625.D
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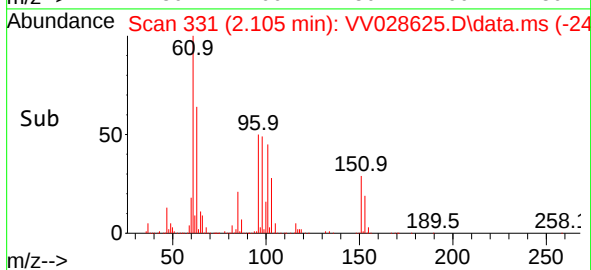
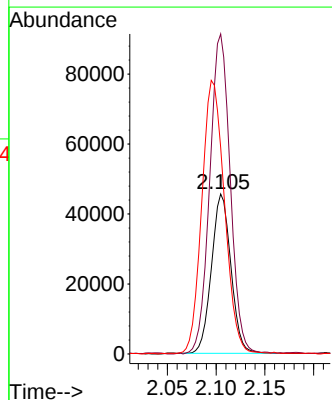
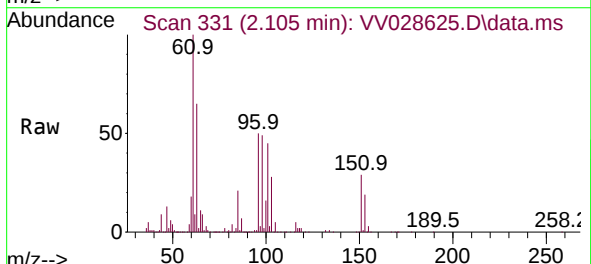
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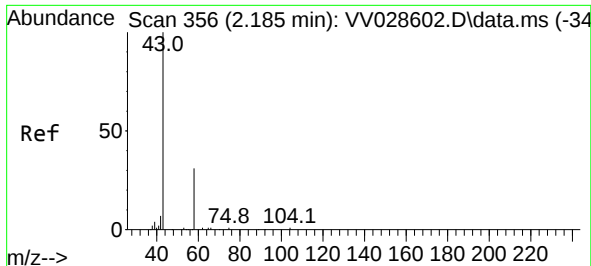
Tgt Ion:101 Resp: 67913
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.3 55.9
 151 64.3 52.8 79.2



#12
 1,1-Dichloroethene
 Concen: 3.662 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.006 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

Tgt Ion: 96 Resp: 62983
 Ion Ratio Lower Upper
 96 100
 61 200.0 142.9 265.5
 63 129.2 102.3 190.1

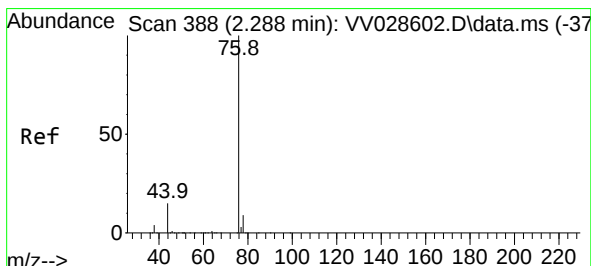
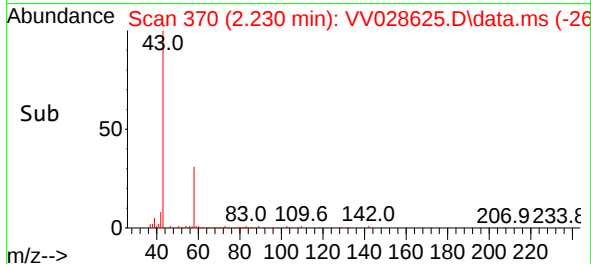
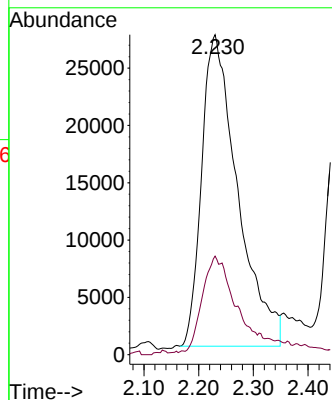
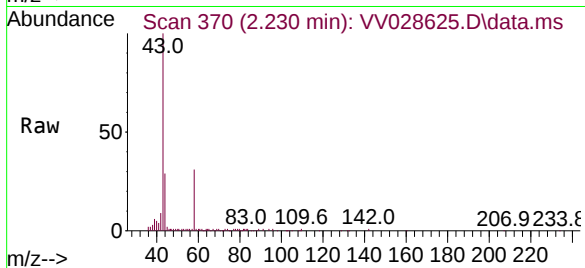




#13
Acetone
Concen: 34.599 ug/L
RT: 2.230 min Scan# 31
Delta R.T. 0.045 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

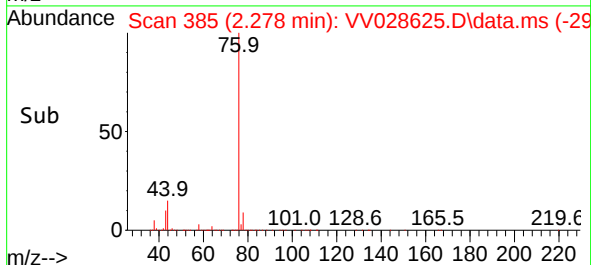
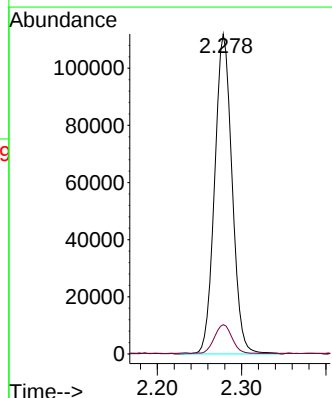
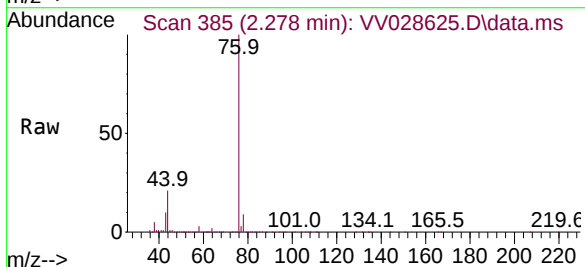
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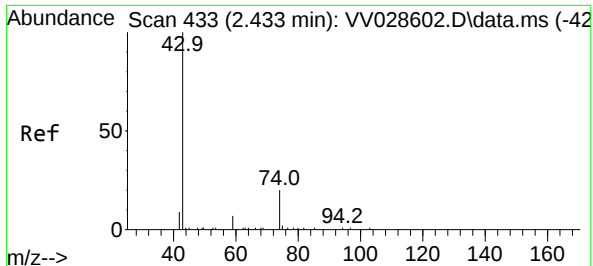
Tgt Ion: 43 Resp: 124337
Ion Ratio Lower Upper
43 100
58 29.7 0.0 48.6



#14
Carbon disulfide
Concen: 3.335 ug/L
RT: 2.278 min Scan# 385
Delta R.T. -0.010 min
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Tgt Ion: 76 Resp: 160618
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

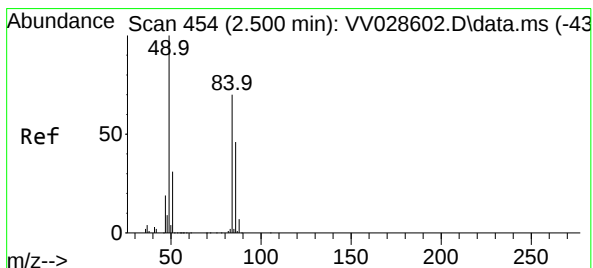
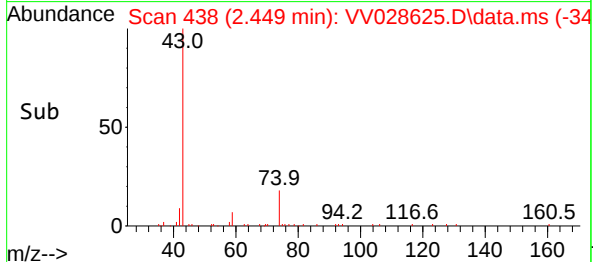
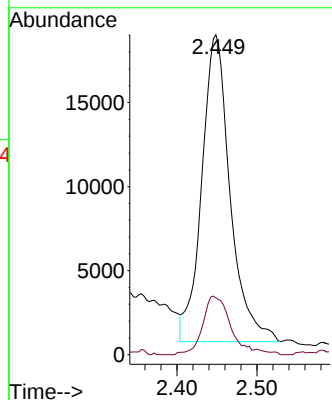
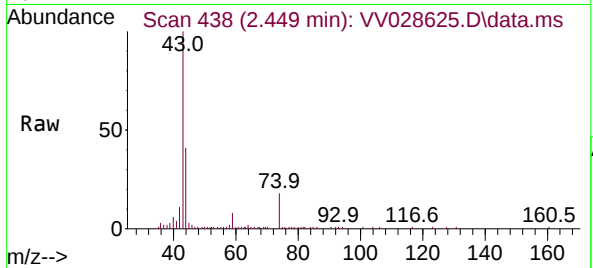




#15
Methyl Acetate
Concen: 5.307 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.016 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

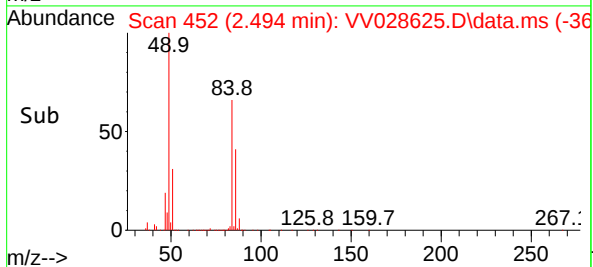
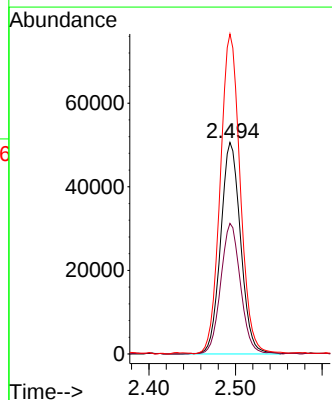
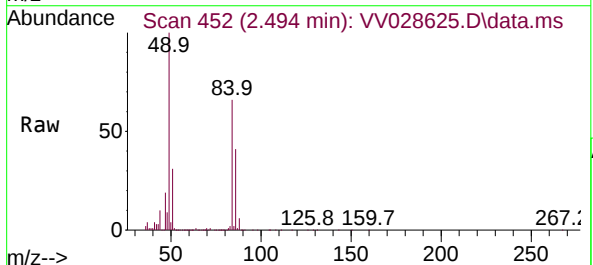
Instrument :
MSVOA_V
ClientSampleId :

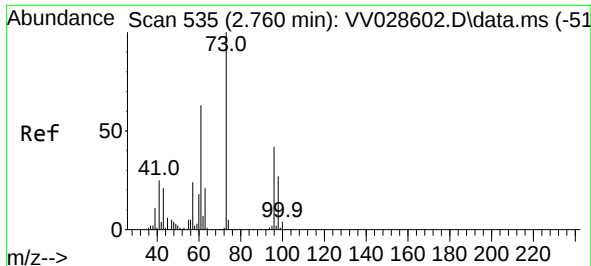
Tgt Ion: 43 Resp: 45130
Ion Ratio Lower Upper
43 100
74 19.1 13.8 20.6



#16
Methylene chloride
Concen: 3.335 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion: 84 Resp: 80907
Ion Ratio Lower Upper
84 100
86 61.8 42.8 79.6
49 151.3 106.4 197.6





#17

Methyl tert-butyl Ether

Concen: 4.398 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.010 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

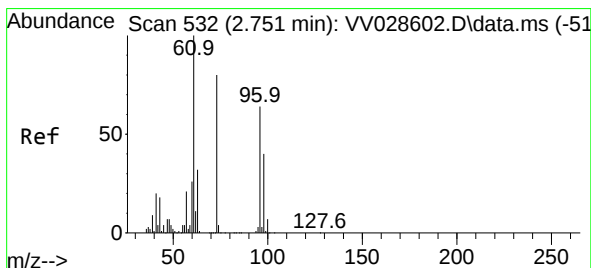
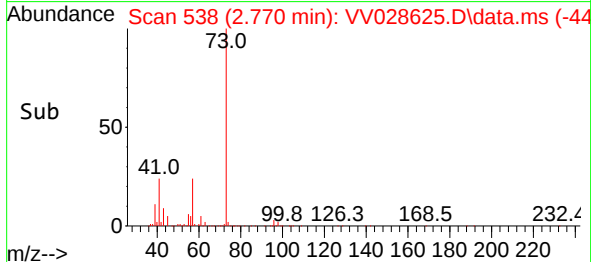
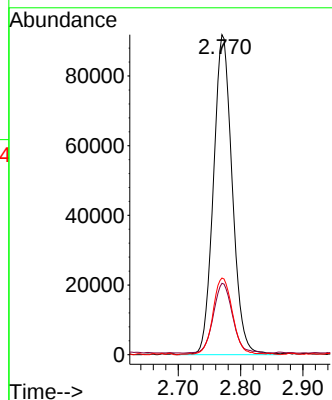
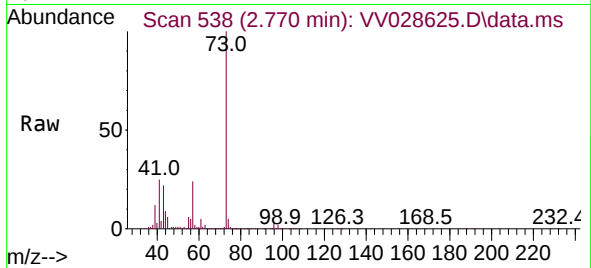
Tgt Ion: 73 Resp: 192118

Ion Ratio Lower Upper

73 100

43 22.4 18.2 27.2

57 24.3 19.5 29.3



#18

trans-1,2-Dichloroethene

Concen: 3.943 ug/L

RT: 2.744 min Scan# 530

Delta R.T. -0.006 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

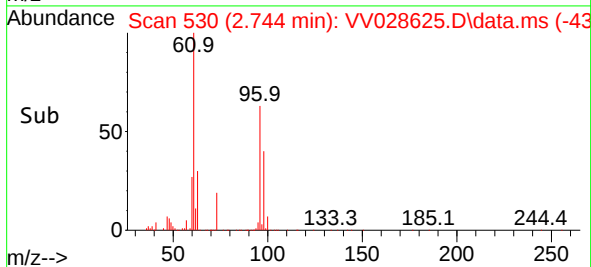
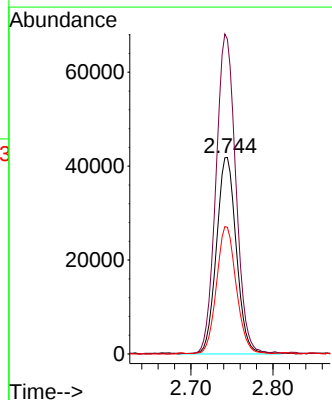
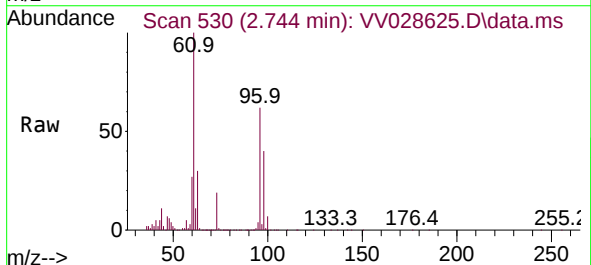
Tgt Ion: 96 Resp: 70720

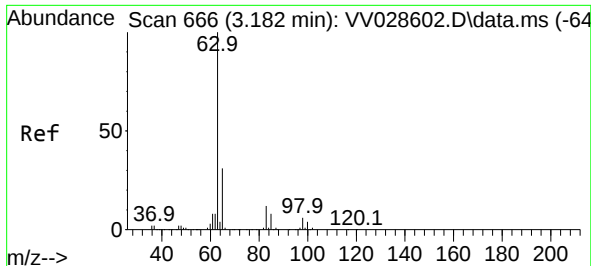
Ion Ratio Lower Upper

96 100

61 160.1 111.2 206.6

98 64.5 42.9 79.7





#19

1,1-Dichloroethane

Concen: 4.061 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.006 min

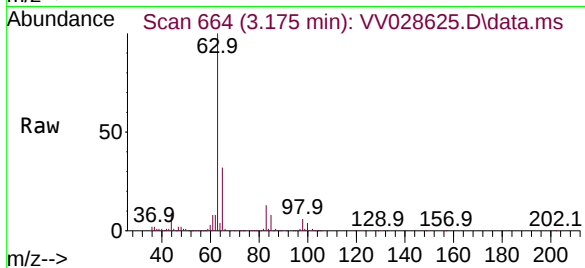
Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :



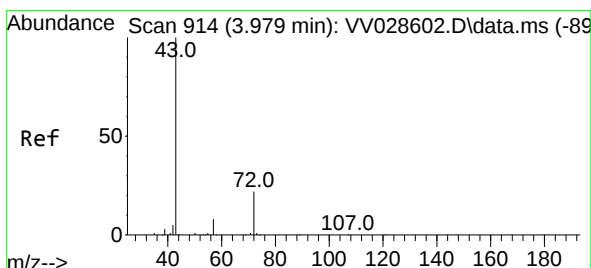
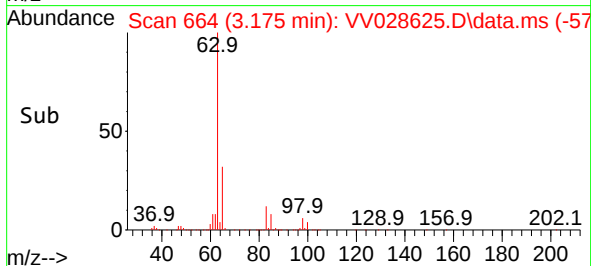
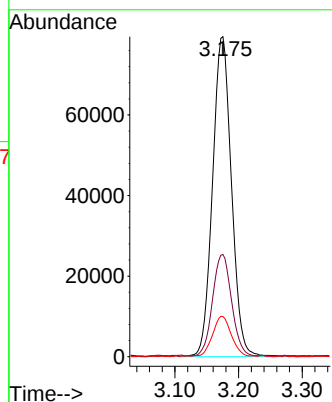
Tgt Ion: 63 Resp: 163919

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 12.6 8.5 15.7



#21

2-Butanone

Concen: 48.246 ug/L

RT: 4.027 min Scan# 929

Delta R.T. 0.048 min

Lab File: VV028625.D

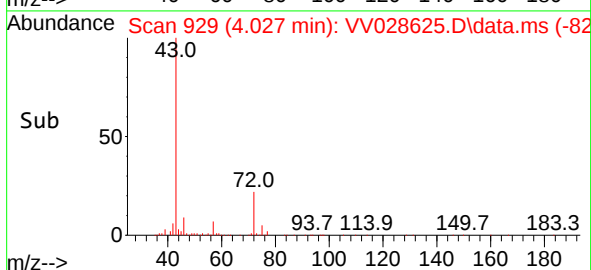
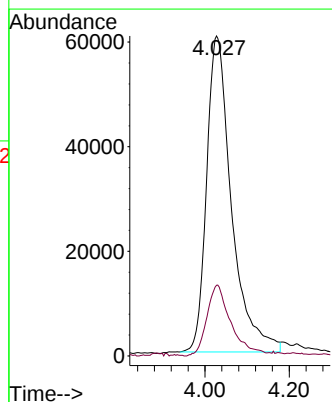
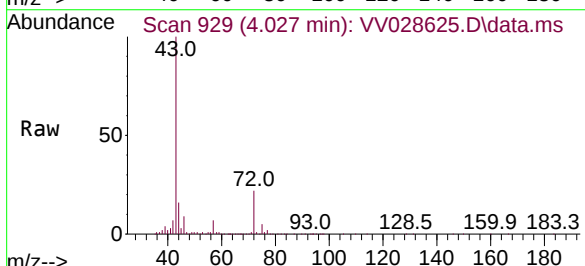
Acq: 18 Oct 2022 20:01

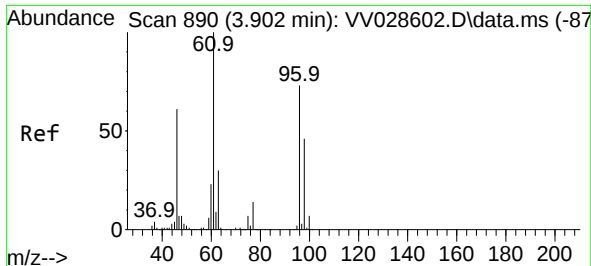
Tgt Ion: 43 Resp: 248329

Ion Ratio Lower Upper

43 100

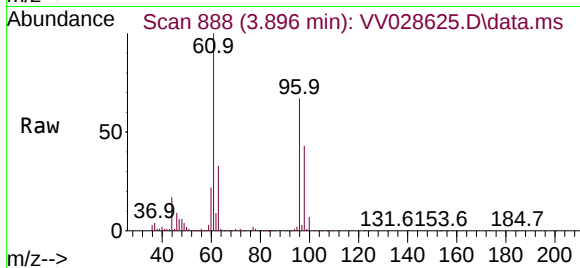
72 21.7 11.1 33.3



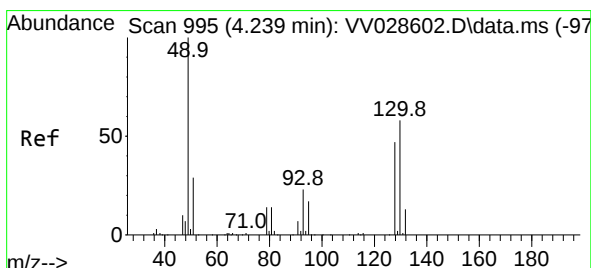
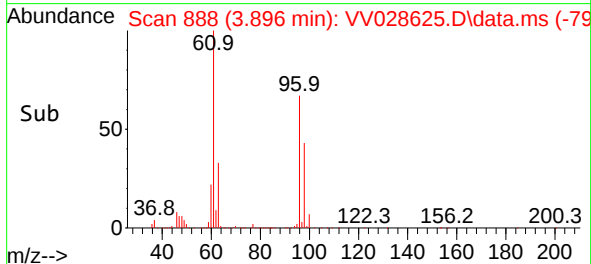
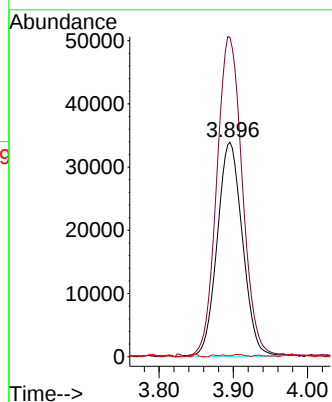


#22
 cis-1,2-Dichloroethene
 Concen: 3.966 ug/L
 RT: 3.896 min Scan# 890
 Delta R.T. -0.006 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

Instrument :
 MSVOA_V
 ClientSampleId :

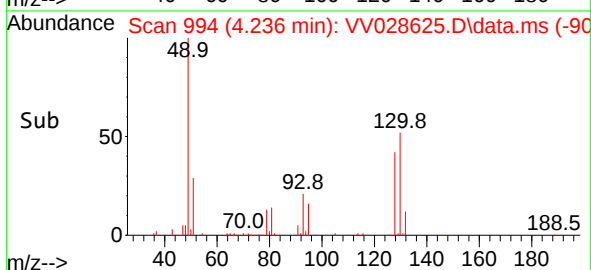
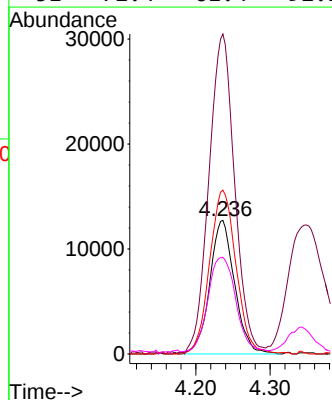
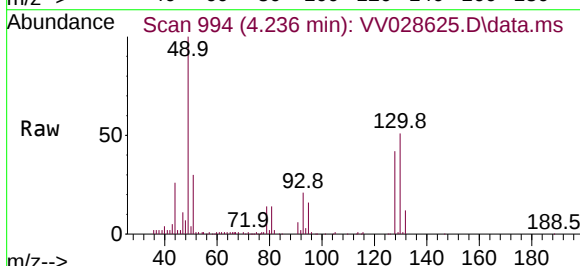


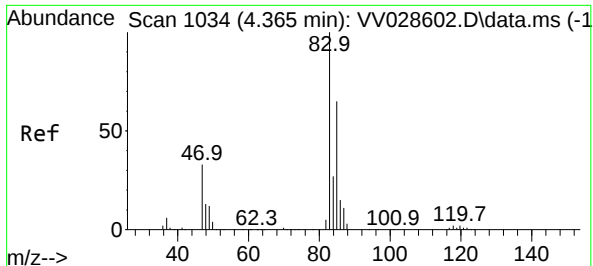
Tgt Ion: 96 Resp: 80420
 Ion Ratio Lower Upper
 96 100
 61 149.0 105.1 195.3
 68 0.5 0.5 0.9#



#23
 Bromochloromethane
 Concen: 3.815 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

Tgt Ion:128 Resp: 29665
 Ion Ratio Lower Upper
 128 100
 49 239.6 165.8 308.0
 130 122.7 88.8 165.0
 51 72.4 61.4 92.2

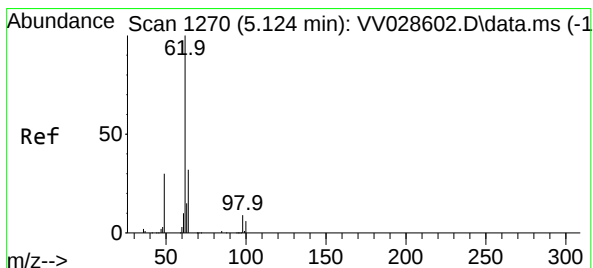
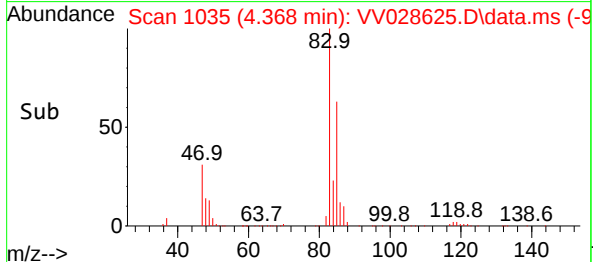
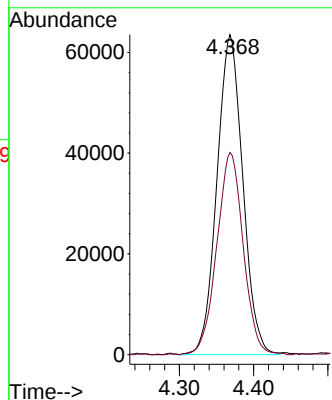
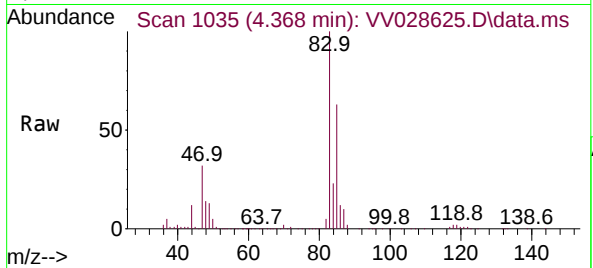




#25
Chloroform
Concen: 4.019 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

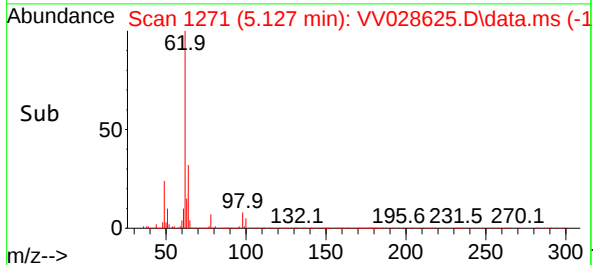
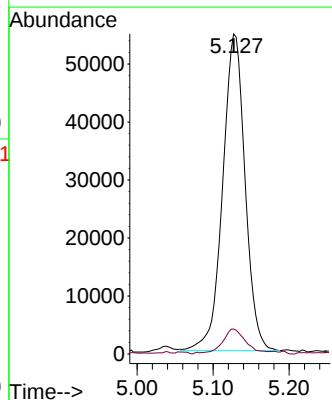
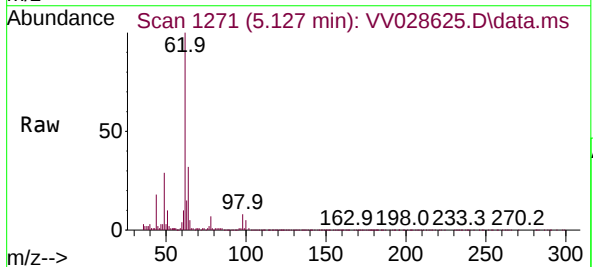
Instrument :
MSVOA_V
ClientSampleId :

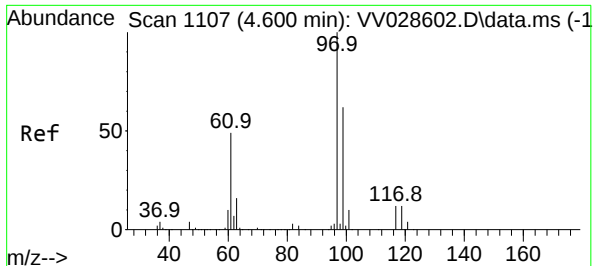
Tgt Ion: 83 Resp: 153724
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.914 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion: 62 Resp: 111913
Ion Ratio Lower Upper
62 100
98 7.8 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.443 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

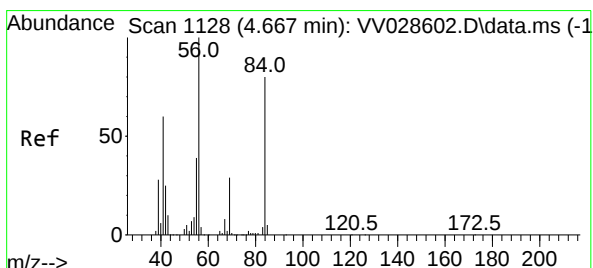
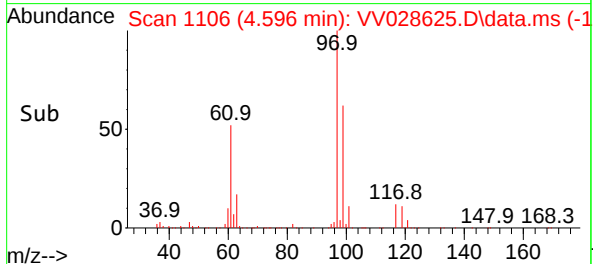
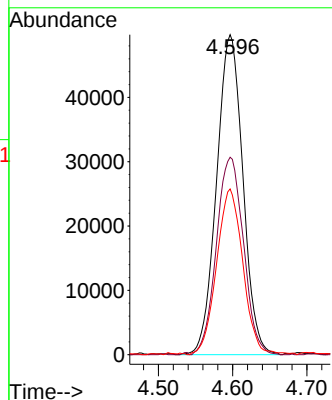
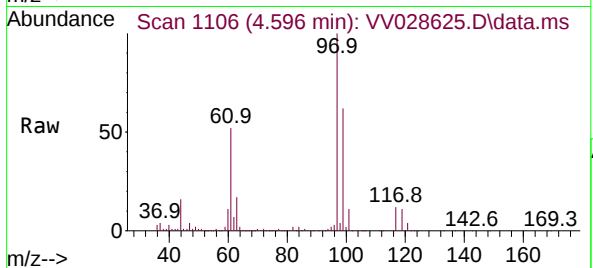
Tgt Ion: 97 Resp: 122571

Ion Ratio Lower Upper

97 100

99 63.4 52.6 78.8

61 51.9 42.1 63.1



#30

Cyclohexane

Concen: 5.528 ug/L

RT: 4.658 min Scan# 1125

Delta R.T. -0.010 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

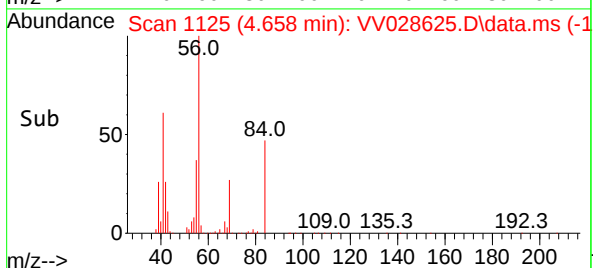
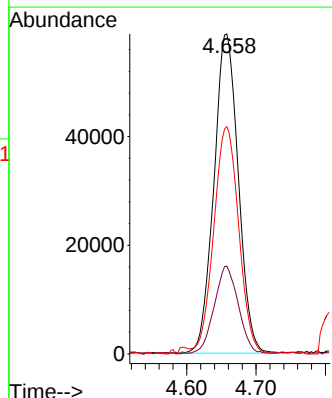
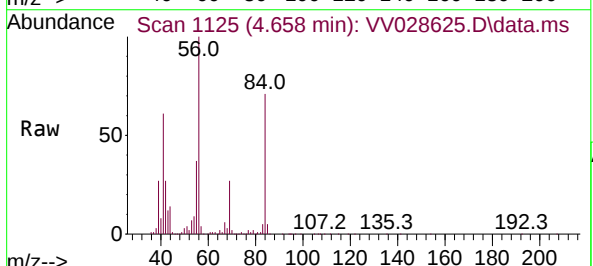
Tgt Ion: 56 Resp: 143736

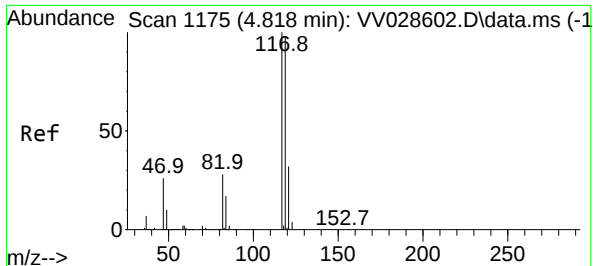
Ion Ratio Lower Upper

56 100

69 27.4 22.4 33.6

84 72.6 60.1 90.1

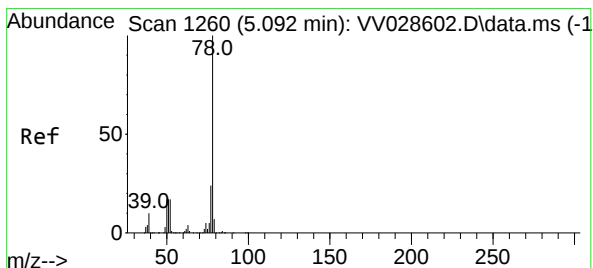
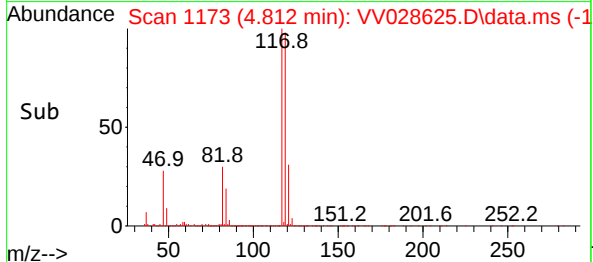
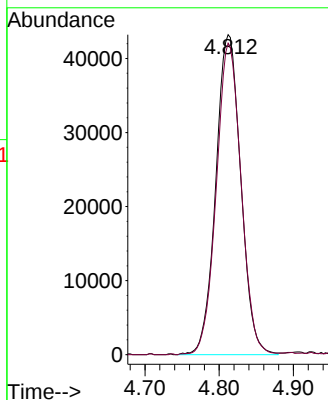
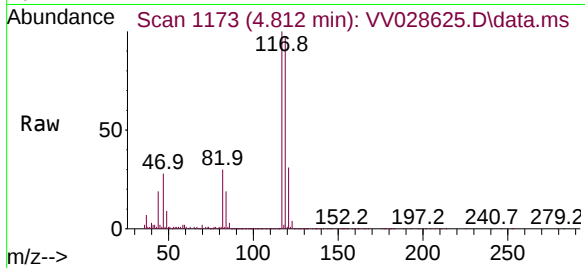




#31
Carbon tetrachloride
Concen: 5.711 ug/L
RT: 4.812 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

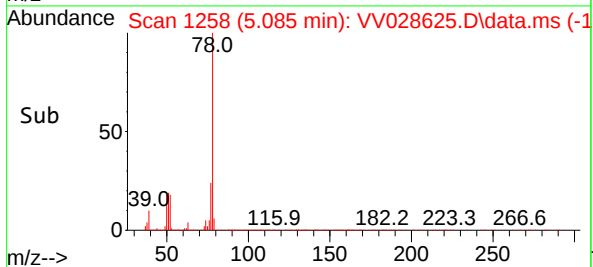
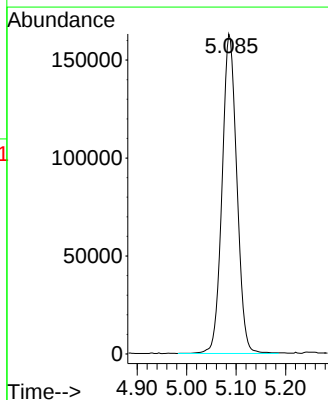
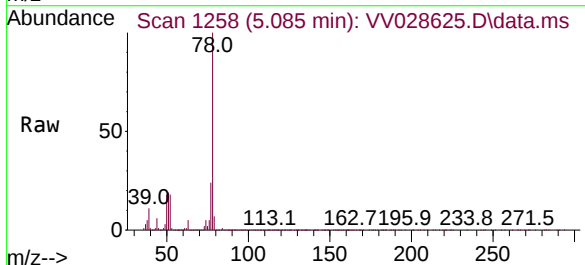
Instrument :
MSVOA_V
ClientSampleId :

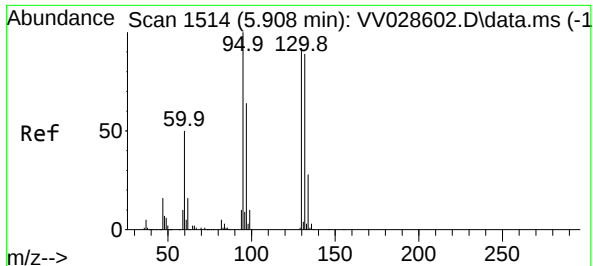
Tgt Ion:117 Resp: 101120
Ion Ratio Lower Upper
117 100
119 96.5 75.5 113.3



#33
Benzene
Concen: 5.883 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion: 78 Resp: 338669





#34

Trichloroethene

Concen: 5.798 ug/L

RT: 5.870 min Scan# 1502

Delta R.T. -0.039 min

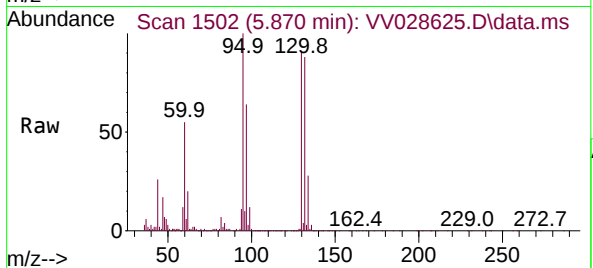
Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 79710

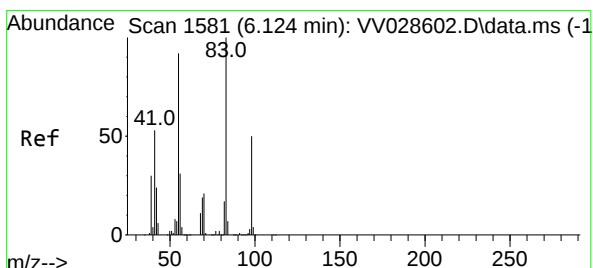
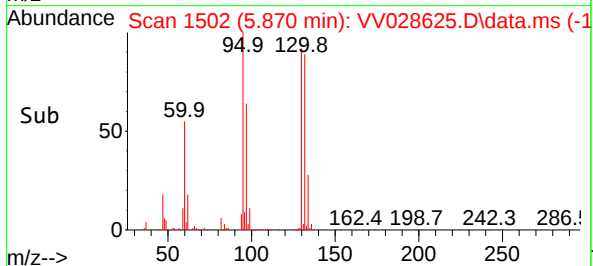
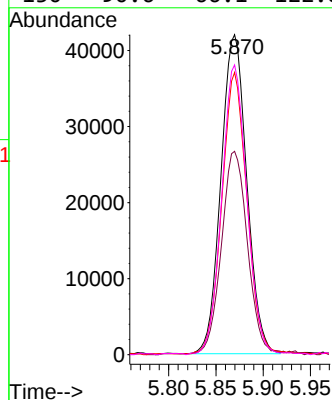
Ion Ratio Lower Upper

95 100

97 63.6 46.2 85.8

132 88.2 65.1 120.9

130 90.6 66.1 122.8



#35

Methylcyclohexane

Concen: 6.452 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.045 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

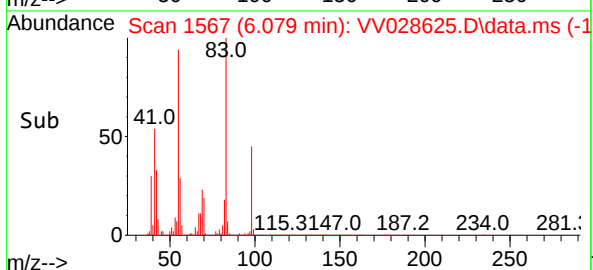
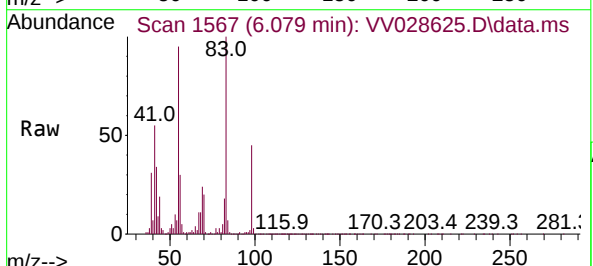
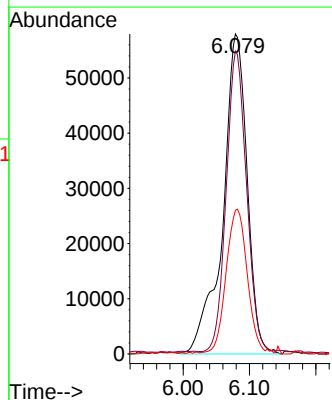
Tgt Ion: 83 Resp: 147698

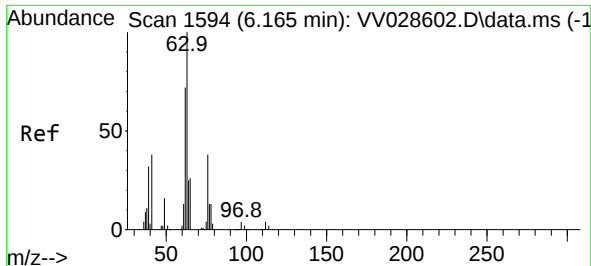
Ion Ratio Lower Upper

83 100

55 78.0 65.0 97.6

98 38.8 36.4 54.6





#37

1,2-Dichloropropane

Concen: 6.297 ug/L

RT: 6.153 min Scan# 1702

Delta R.T. -0.013 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

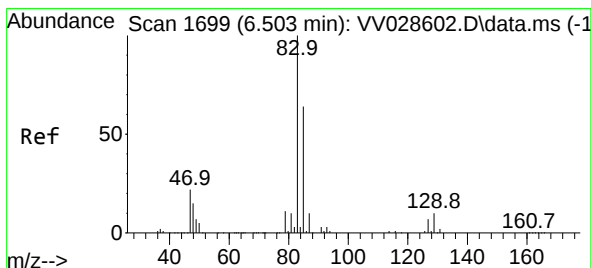
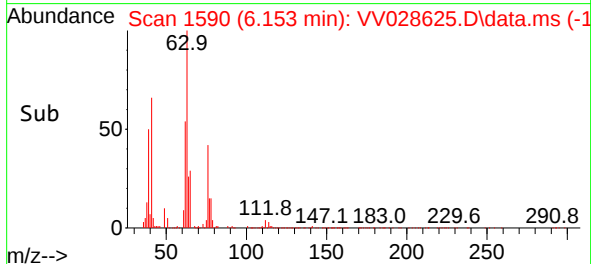
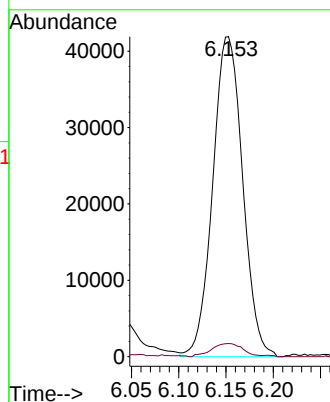
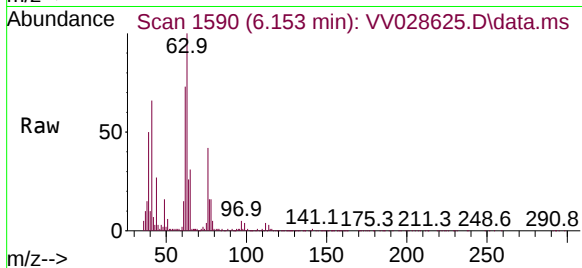
ClientSampleId :

Tgt Ion: 63 Resp: 92240

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 5.132 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.010 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

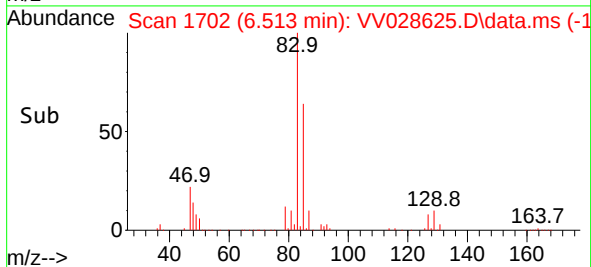
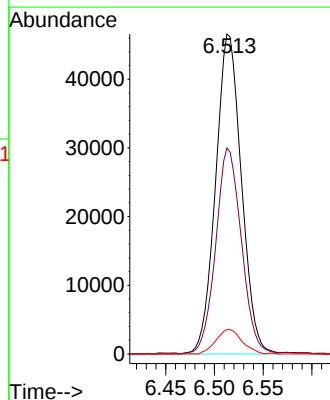
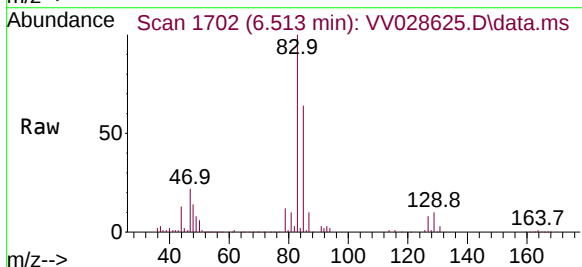
Tgt Ion: 83 Resp: 85736

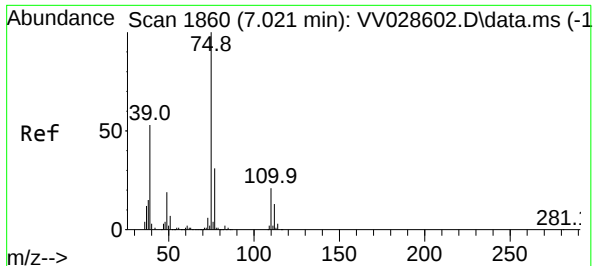
Ion Ratio Lower Upper

83 100

85 64.3 44.2 82.0

127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.695 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

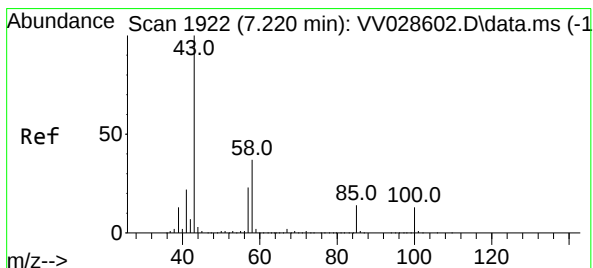
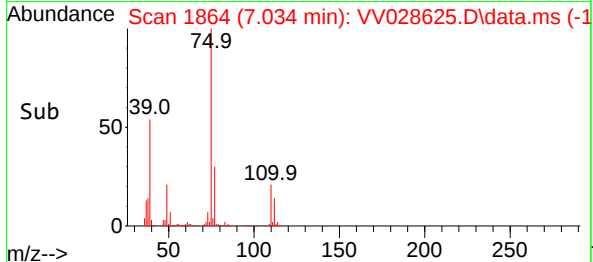
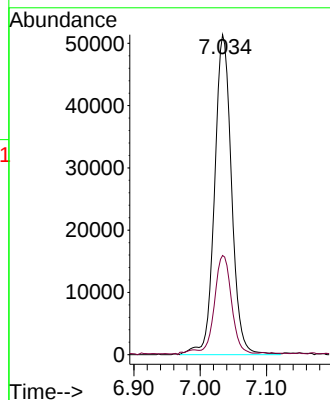
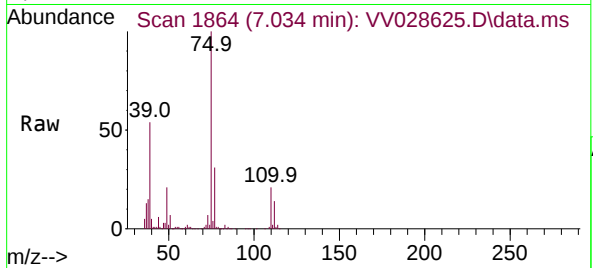
ClientSampleId :

Tgt Ion: 75 Resp: 91623

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.446 ug/L

RT: 7.262 min Scan# 1935

Delta R.T. 0.042 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

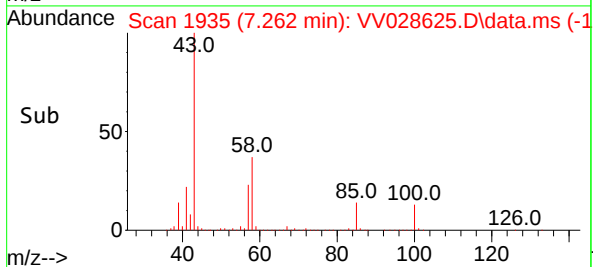
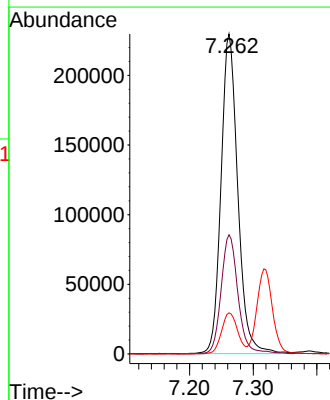
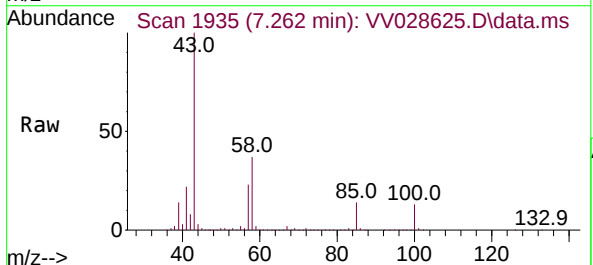
Tgt Ion: 43 Resp: 418387

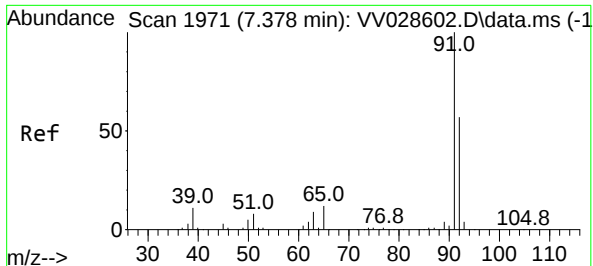
Ion Ratio Lower Upper

43 100

58 37.6 29.3 43.9

100 12.7 10.0 15.0

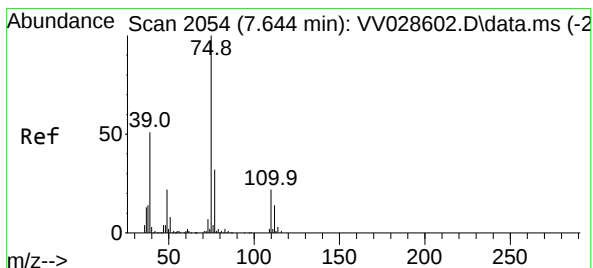
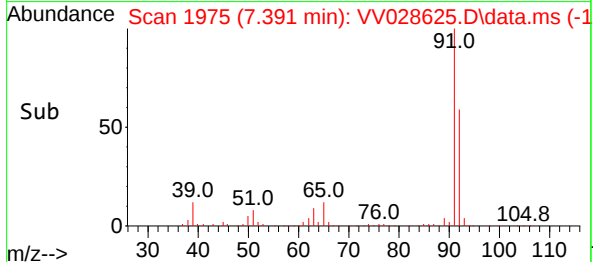
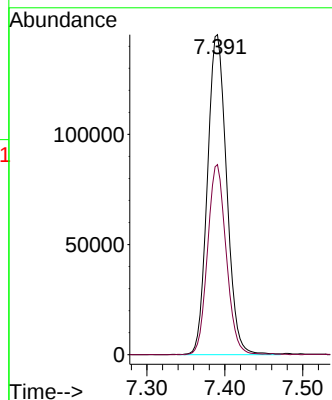
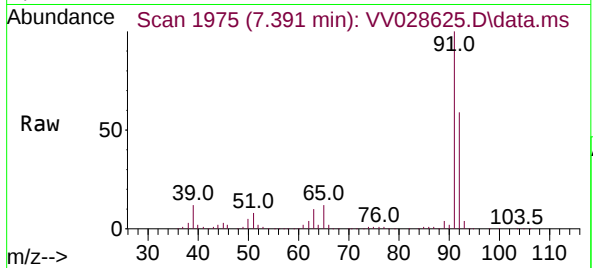




#42
Toluene
Concen: 4.616 ug/L
RT: 7.391 min Scan# 1971
Delta R.T. 0.013 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

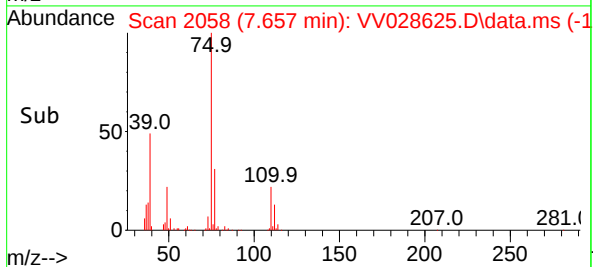
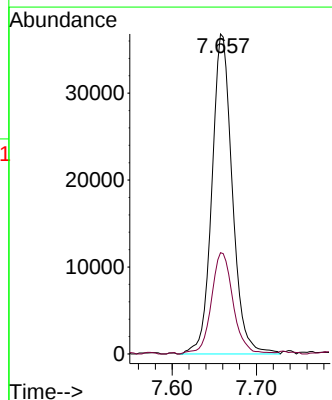
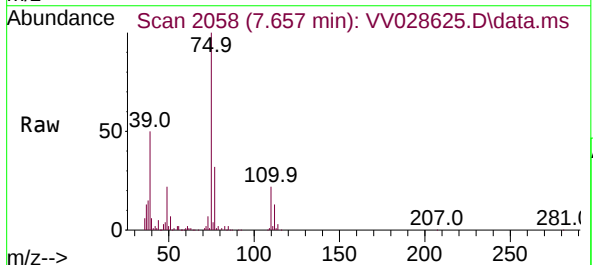
Instrument :
MSVOA_V
ClientSampleId :

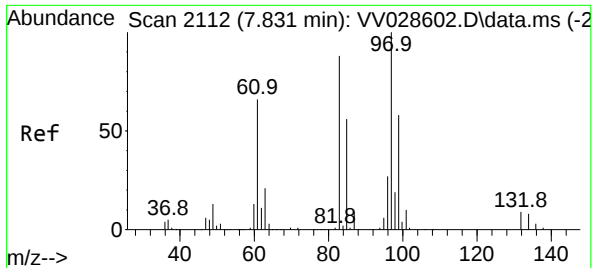
Tgt Ion: 91 Resp: 249328
Ion Ratio Lower Upper
91 100
92 59.4 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.129 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.013 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

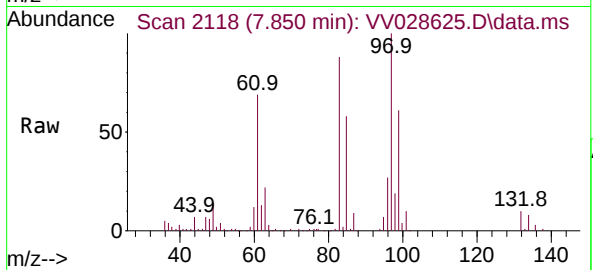
Tgt Ion: 75 Resp: 61786
Ion Ratio Lower Upper
75 100
77 31.6 21.7 40.3



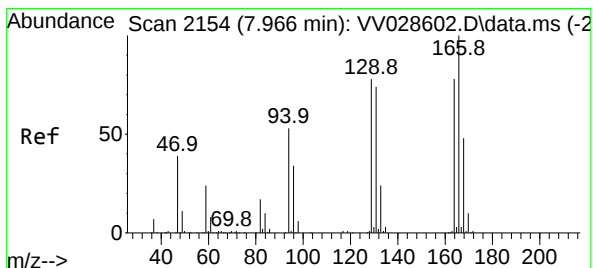
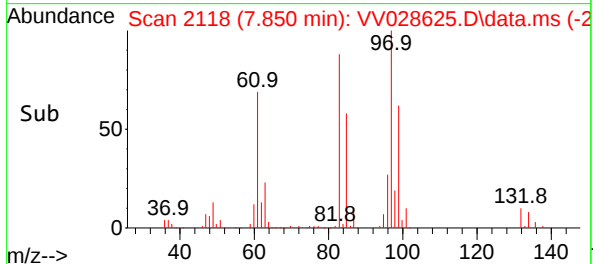
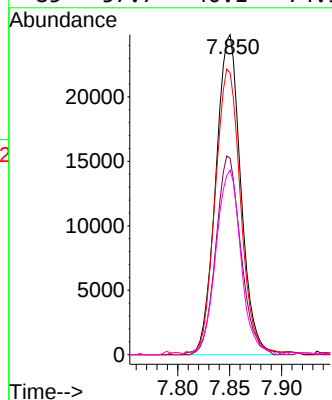


#45
1,1,2-Trichloroethane
Concen: 5.115 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.019 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Instrument :
MSVOA_V
ClientSampleId :

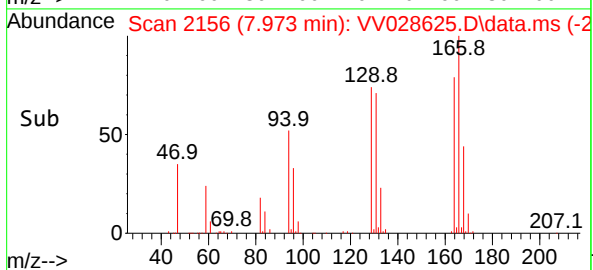
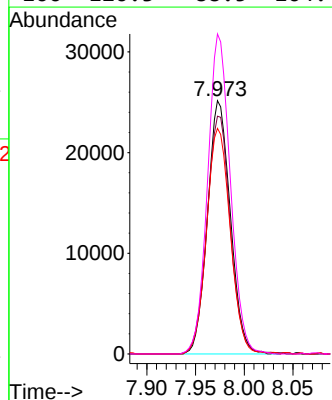
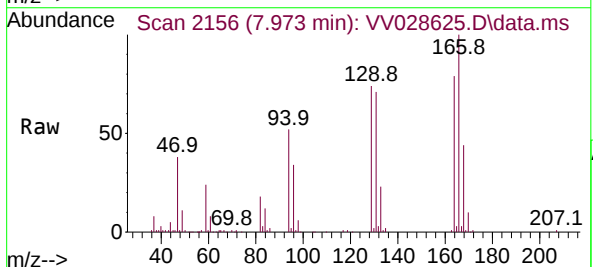


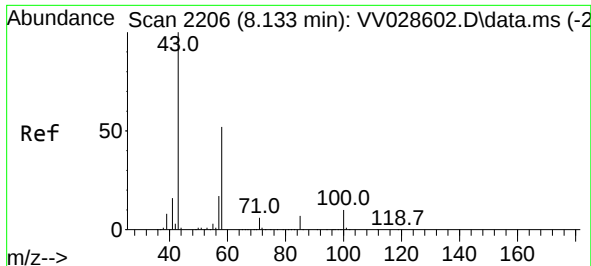
Tgt Ion:	97	Resp:	41657
Ion	Ratio	Lower	Upper
97	100		
99	61.3	44.4	82.4
83	88.1	63.1	117.1
85	57.7	40.1	74.5



#47
Tetrachloroethene
Concen: 4.593 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion:	164	Resp:	41102
Ion	Ratio	Lower	Upper
164	100		
129	93.9	69.3	128.7
131	89.1	67.3	125.1
166	126.3	88.5	164.4

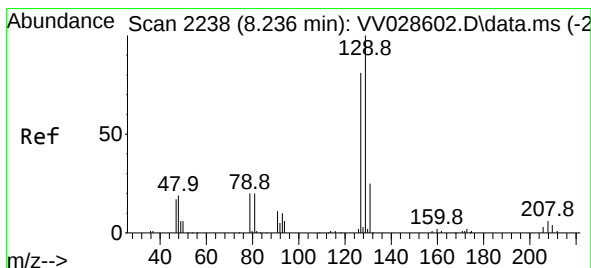
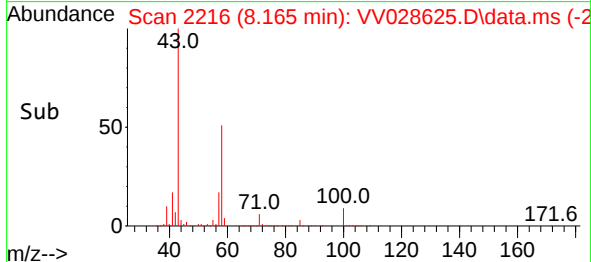
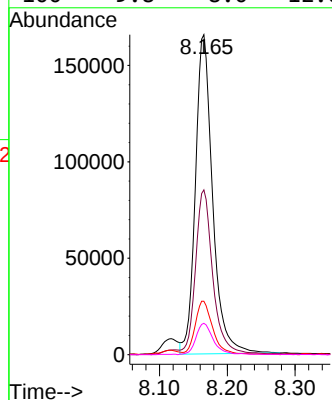
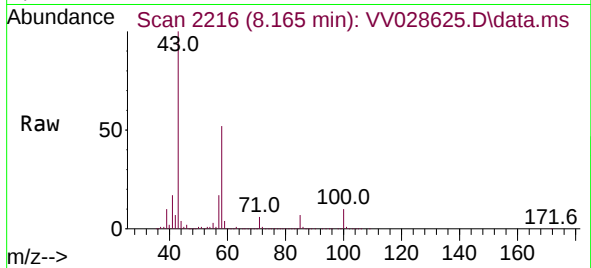




#48
2-Hexanone
Concen: 53.053 ug/L
RT: 8.165 min Scan# 21
Delta R.T. 0.032 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

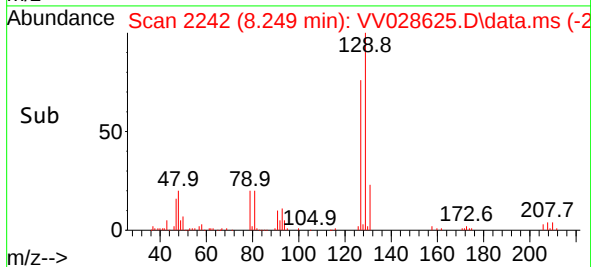
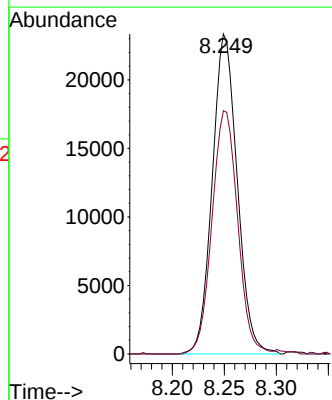
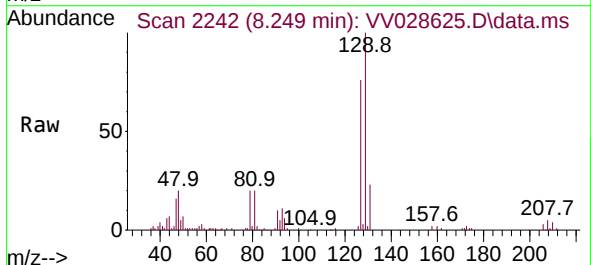
Instrument :
MSVOA_V
ClientSampleId :

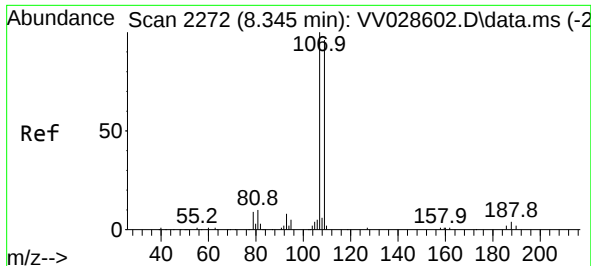
Tgt Ion: 43 Resp: 292750
Ion Ratio Lower Upper
43 100
58 51.5 42.5 63.7
57 16.6 14.5 21.7
100 9.8 8.0 12.0



#49
Dibromochloromethane
Concen: 4.495 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.013 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion: 129 Resp: 39046
Ion Ratio Lower Upper
129 100
127 76.0 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.048 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.013 min

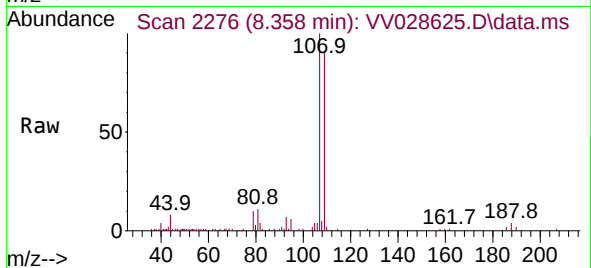
Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

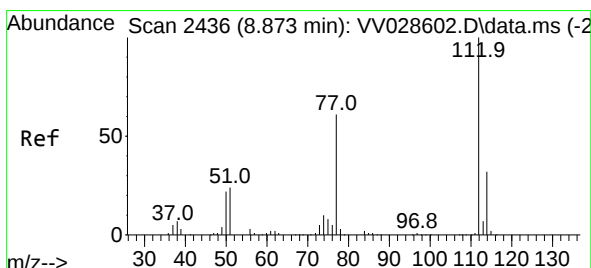
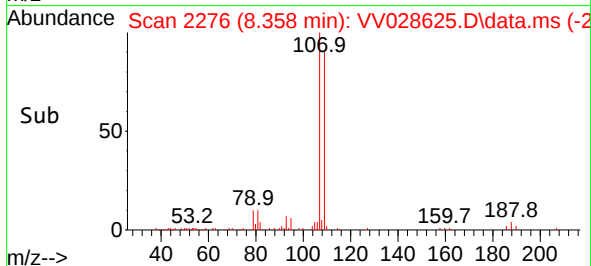
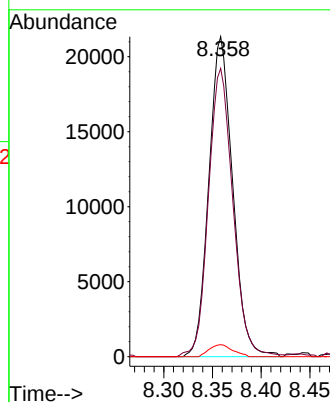
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	36196
Ion	Ratio	Lower	Upper
107	100		
109	90.1	64.1	119.1
188	3.7	3.3	4.9



#51

Chlorobenzene

Concen: 4.642 ug/L

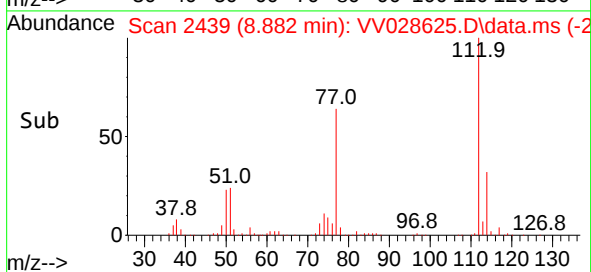
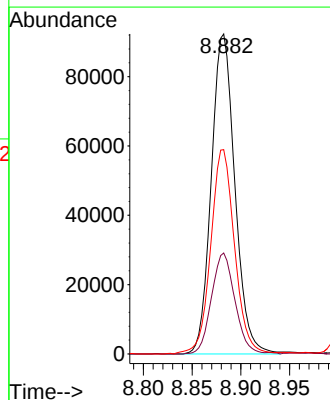
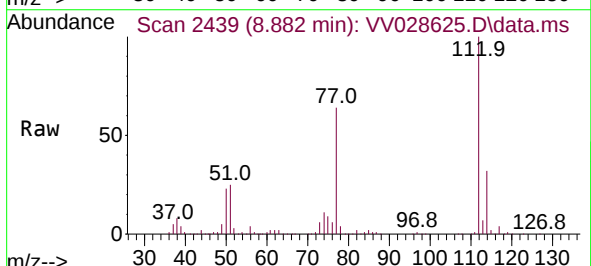
RT: 8.882 min Scan# 2439

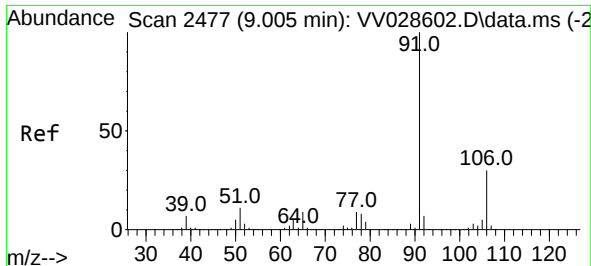
Delta R.T. 0.010 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Tgt Ion:	112	Resp:	155432
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	63.9	50.2	75.2

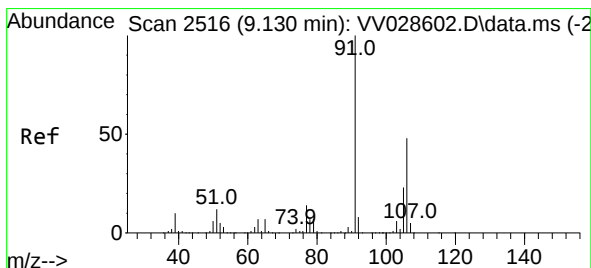
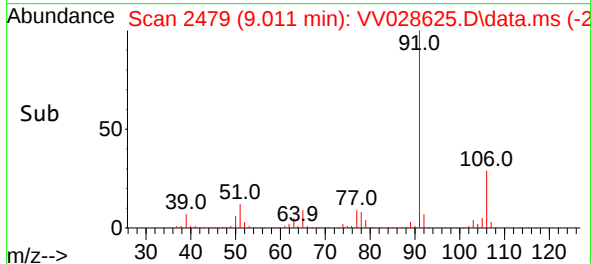
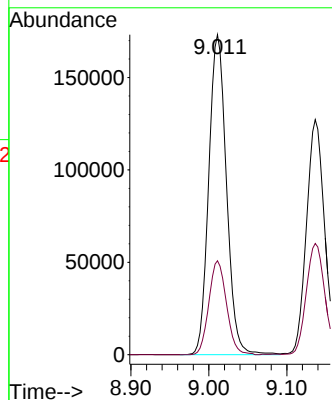
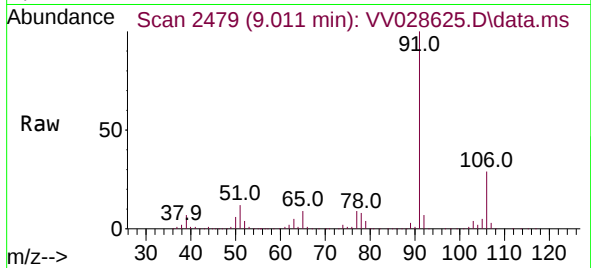




#52
Ethylbenzene
Concen: 4.552 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

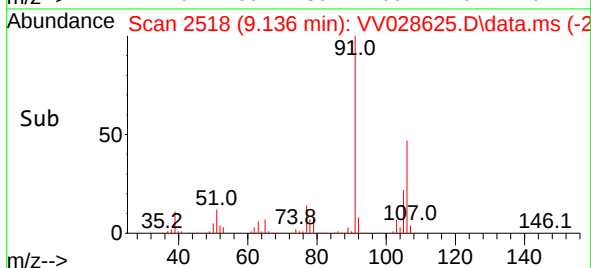
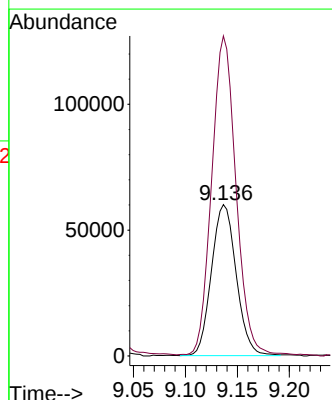
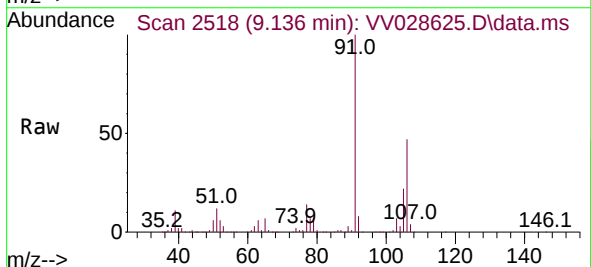
Instrument :
MSVOA_V
ClientSampleId :

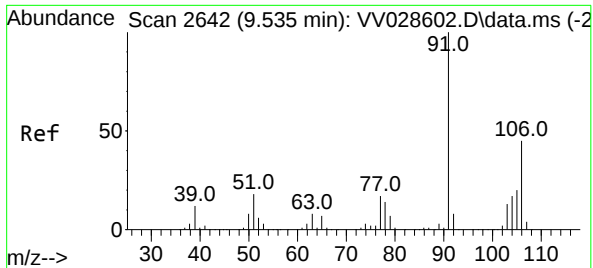
Tgt Ion: 91 Resp: 273078
Ion Ratio Lower Upper
91 100
106 29.4 20.3 37.7



#53
m,p-Xylene
Concen: 4.428 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion:106 Resp: 99356
Ion Ratio Lower Upper
106 100
91 211.4 146.9 272.9

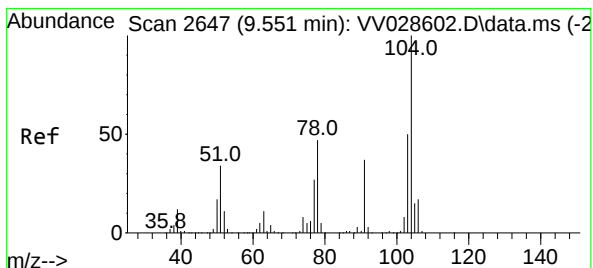
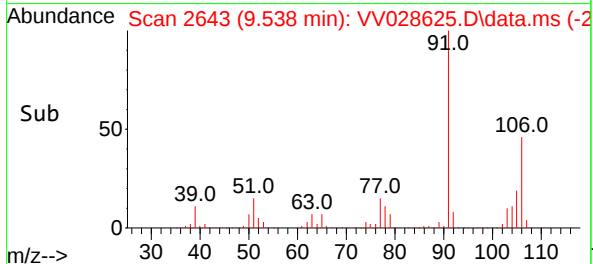
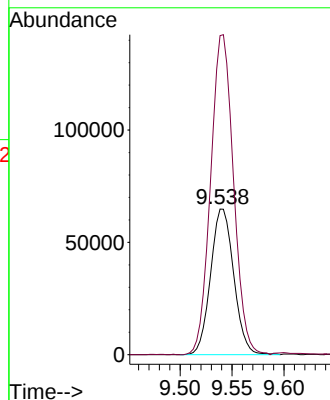
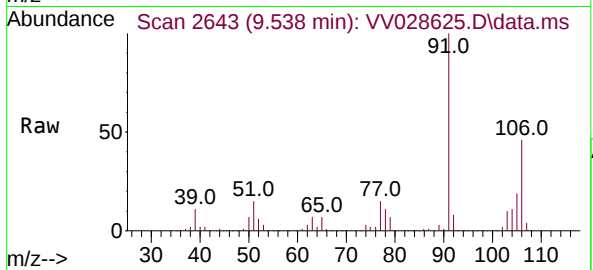




#54
o-Xylene
Concen: 4.618 ug/L
RT: 9.538 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

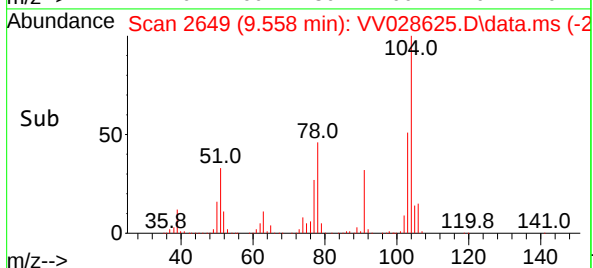
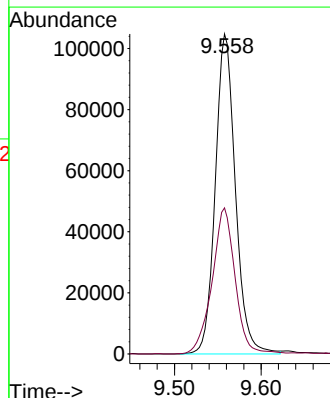
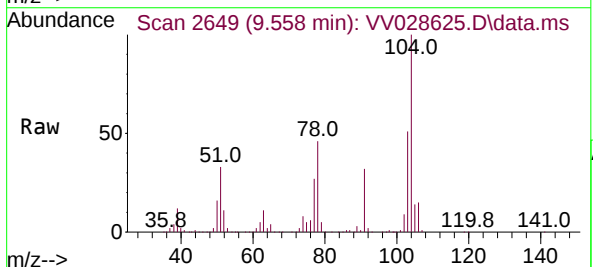
Instrument :
MSVOA_V
ClientSampleId :

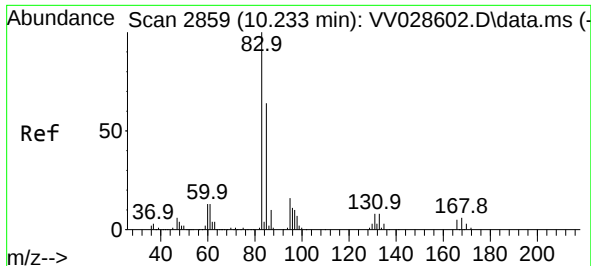
Tgt Ion:106 Resp: 100439
Ion Ratio Lower Upper
106 100
91 219.0 151.4 281.2



#55
Styrene
Concen: 4.595 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion:104 Resp: 169080
Ion Ratio Lower Upper
104 100
78 45.6 32.3 60.1

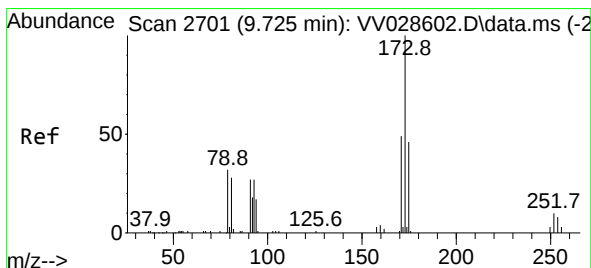
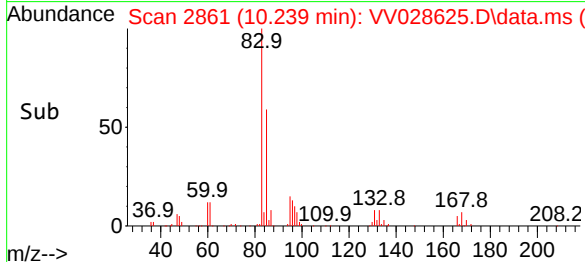
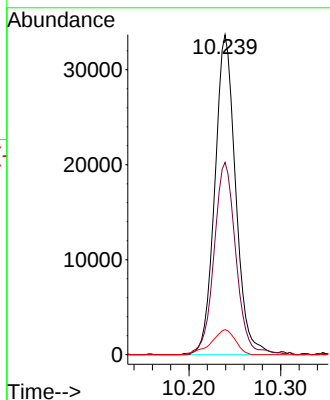
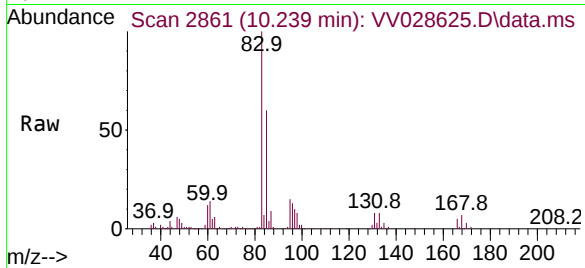




#57
1,1,2,2-Tetrachloroethane
Concen: 5.311 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

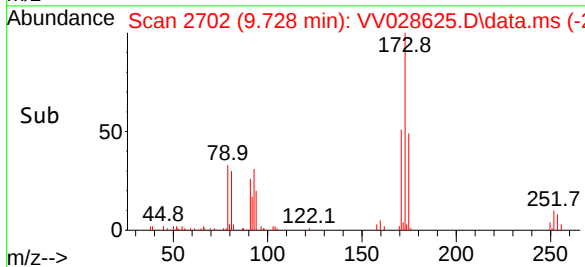
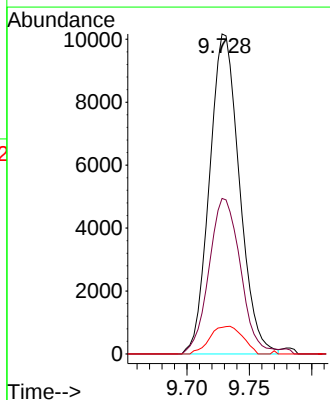
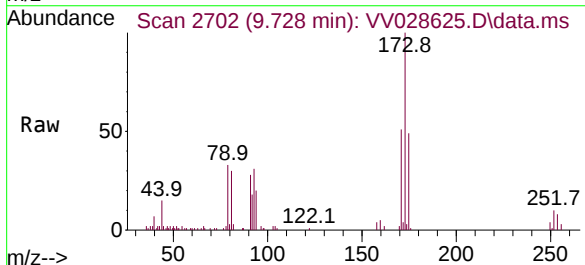
Instrument :
MSVOA_V
ClientSampleId :

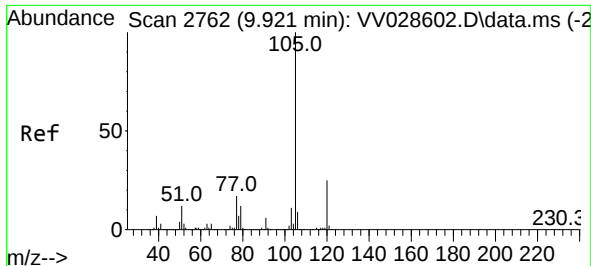
Tgt Ion: 83 Resp: 53141
Ion Ratio Lower Upper
83 100
85 60.1 44.3 82.3
131 7.9 6.4 9.6



#59
Bromoform
Concen: 4.109 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion: 173 Resp: 16988
Ion Ratio Lower Upper
173 100
175 51.2 39.4 59.0
254 9.5 7.4 11.2

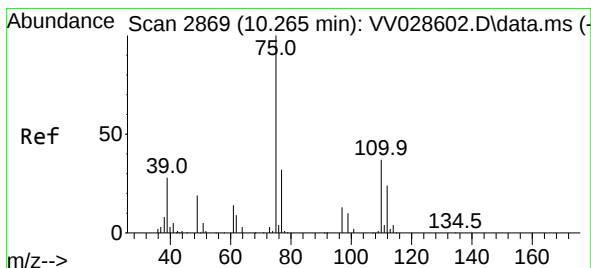
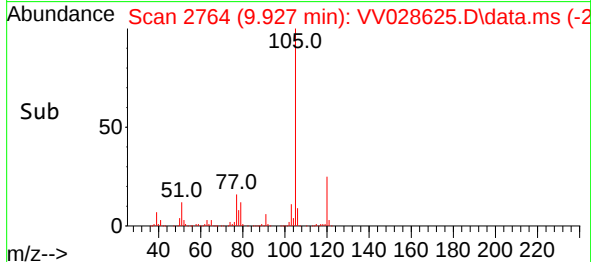
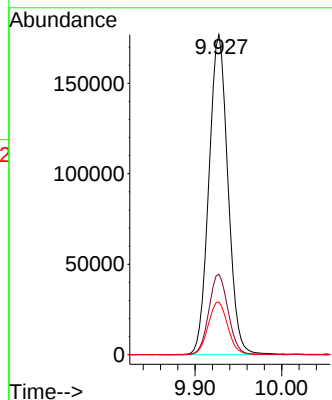
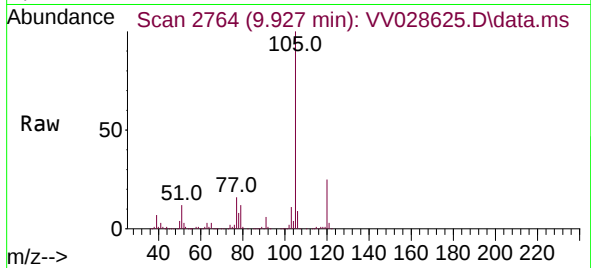




#60
Isopropylbenzene
Concen: 4.501 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

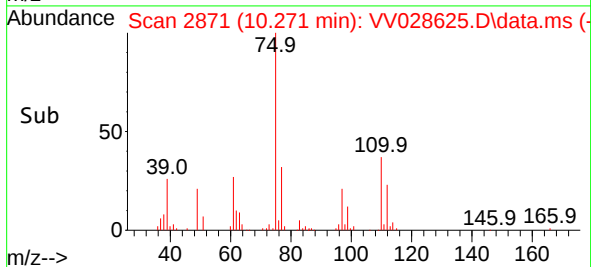
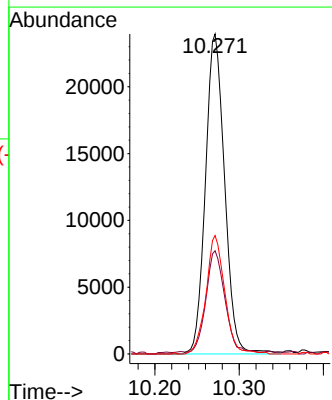
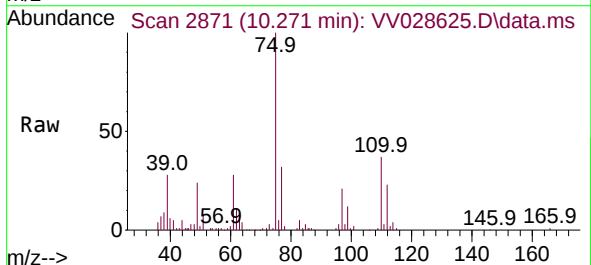
Instrument :
MSVOA_V
ClientSampleId :

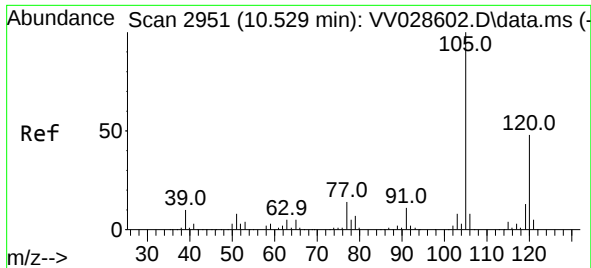
Tgt Ion:105 Resp: 269762
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 17.0 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 5.187 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.006 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion: 75 Resp: 38056
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
110 36.2 28.3 42.5

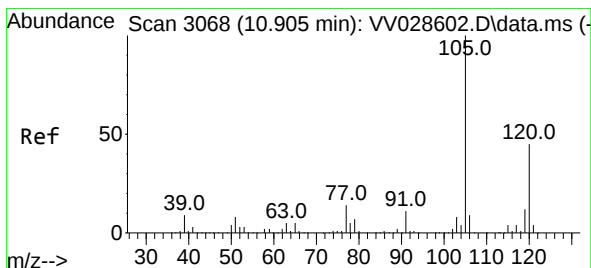
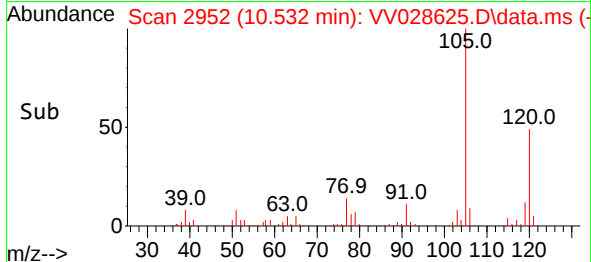
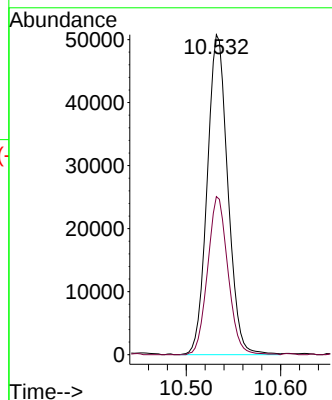
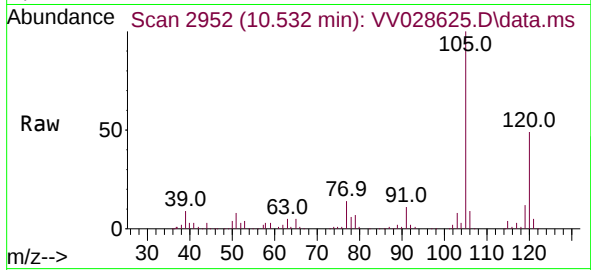




#62
 1,3,5-Trimethylbenzene
 Concen: 4.268 ug/L
 RT: 10.532 min Scan# 2951
 Delta R.T. 0.003 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

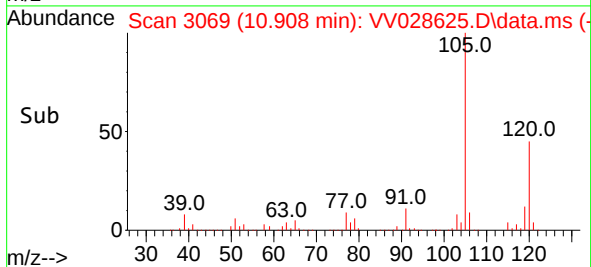
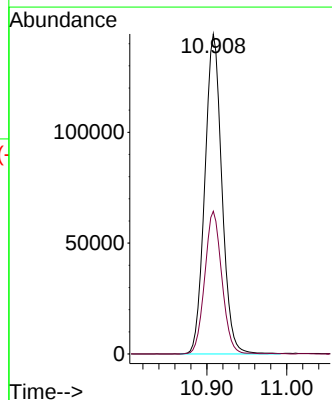
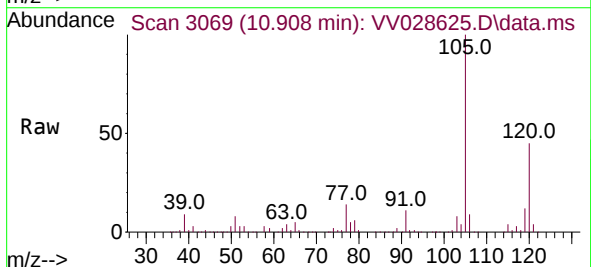
Instrument :
 MSVOA_V
 ClientSampleId :

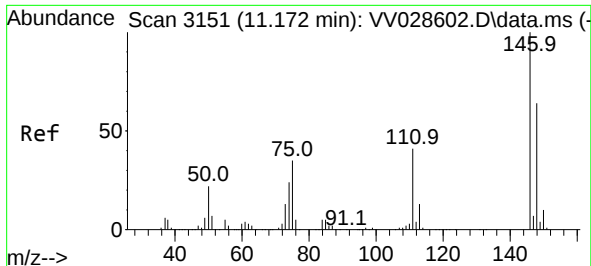
Tgt Ion:105 Resp: 76955
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.354 ug/L
 RT: 10.908 min Scan# 3069
 Delta R.T. 0.003 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

Tgt Ion:105 Resp: 214667
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.6 53.4

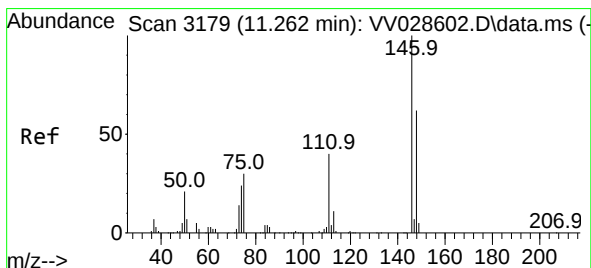
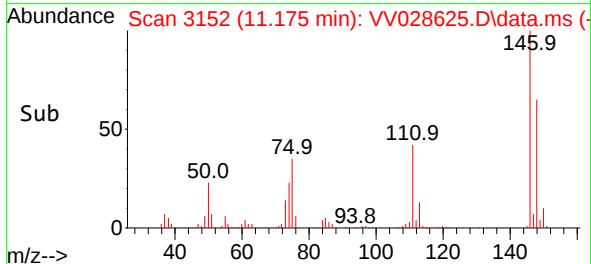
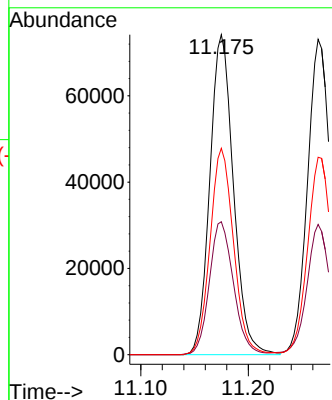
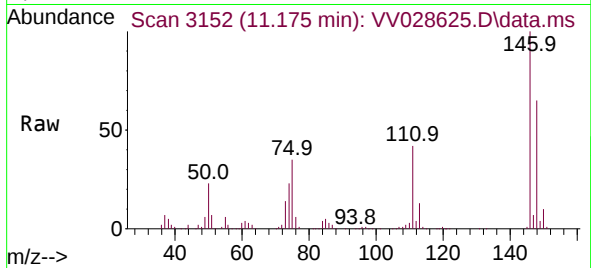




#64
1,3-Dichlorobenzene
Concen: 4.479 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

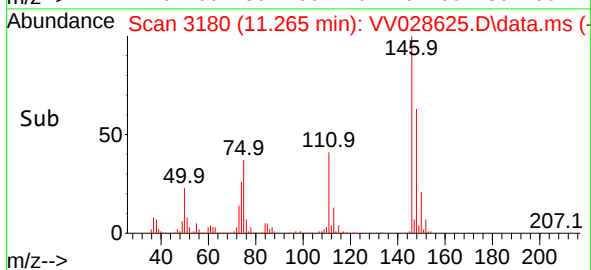
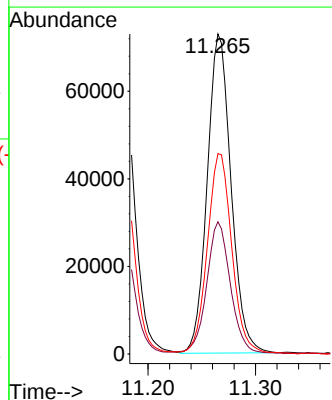
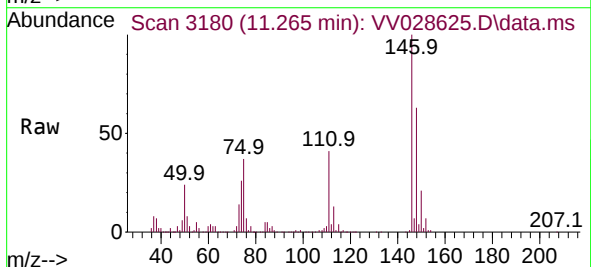
Instrument :
MSVOA_V
ClientSampleId :

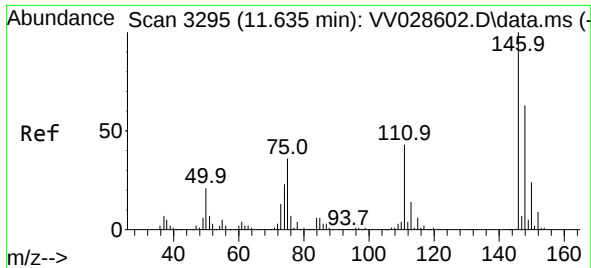
Tgt Ion:146 Resp: 113238
Ion Ratio Lower Upper
146 100
111 41.6 28.5 52.9
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.536 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028625.D
Acq: 18 Oct 2022 20:01

Tgt Ion:146 Resp: 112420
Ion Ratio Lower Upper
146 100
111 41.3 29.4 54.6
148 62.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 4.732 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

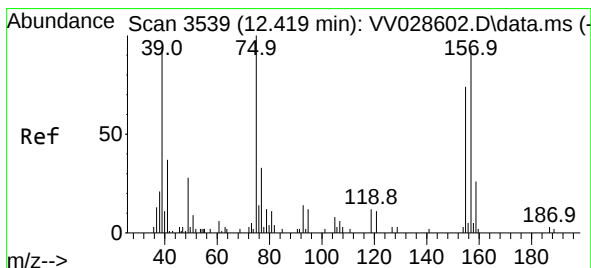
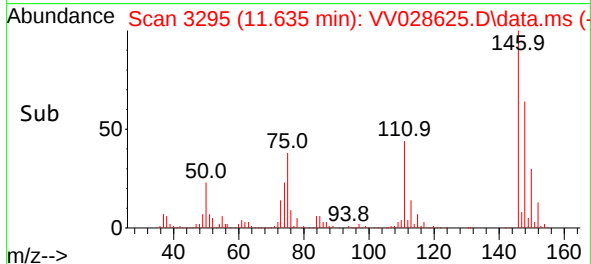
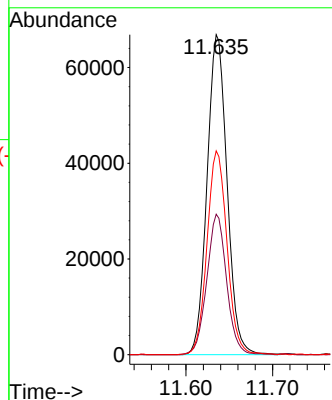
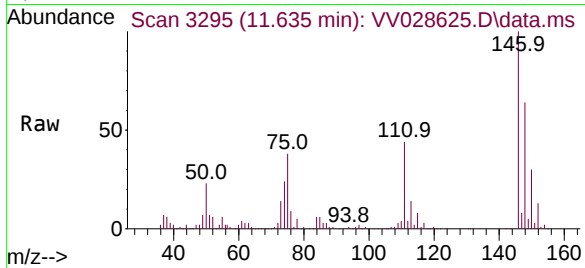
Tgt Ion:146 Resp: 107332

Ion Ratio Lower Upper

146 100

111 43.9 35.7 53.5

148 63.7 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.351 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

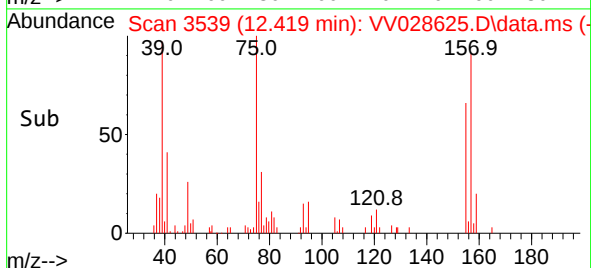
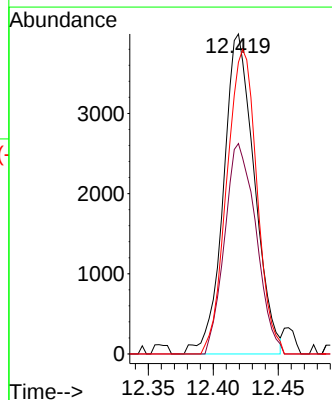
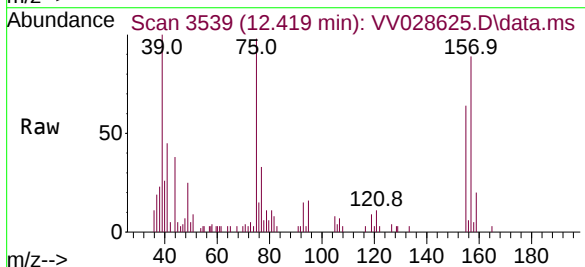
Tgt Ion: 75 Resp: 6628

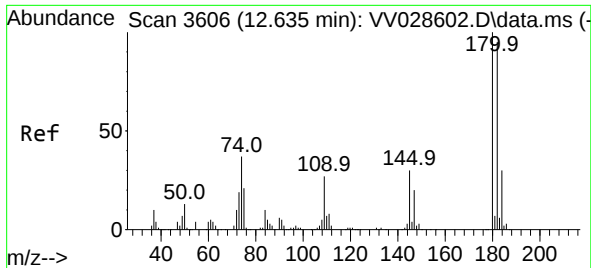
Ion Ratio Lower Upper

75 100

155 65.7 55.2 82.8

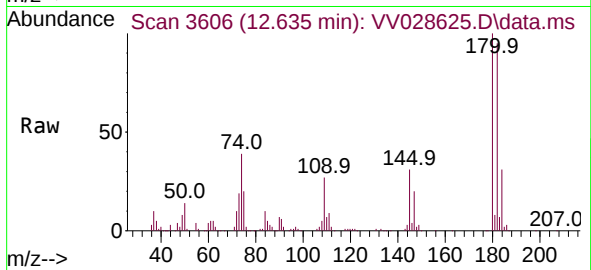
157 91.2 68.6 103.0



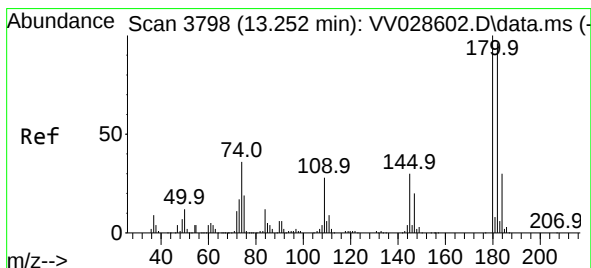
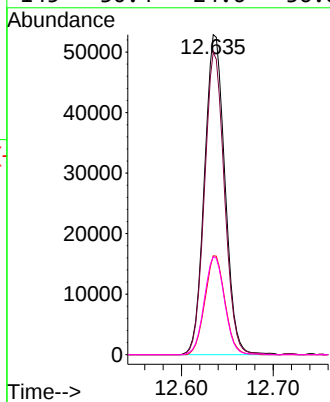
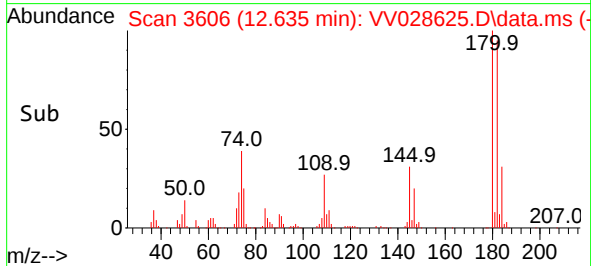


#69
 1,3,5-Trichlorobenzene
 Concen: 4.426 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01

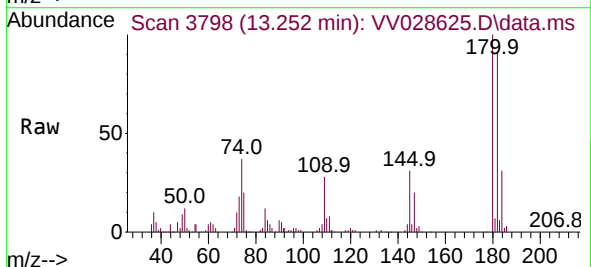
Instrument :
 MSVOA_V
 ClientSampleId :



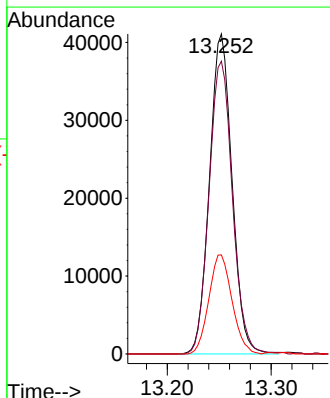
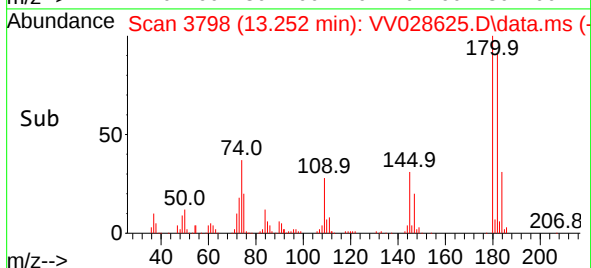
Tgt Ion:180 Resp: 81859
 Ion Ratio Lower Upper
 180 100
 182 92.1 75.6 113.4
 184 30.3 23.8 35.8
 145 30.4 24.6 36.8

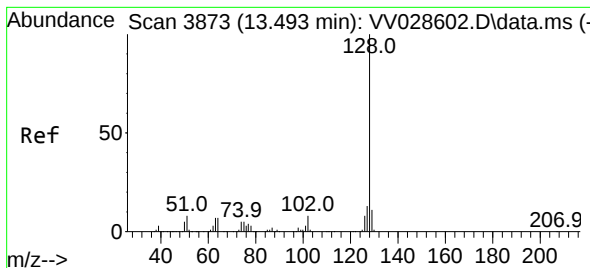


#70
 1,2,4-trichlorobenzene
 Concen: 4.396 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.000 min
 Lab File: VV028625.D
 Acq: 18 Oct 2022 20:01



Tgt Ion:180 Resp: 61933
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.2 111.2
 145 31.9 25.3 37.9





#71

Naphthalene

Concen: 4.597 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028625.D

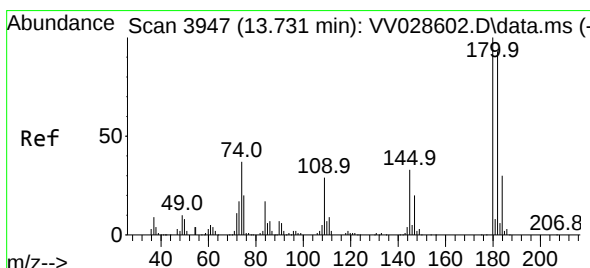
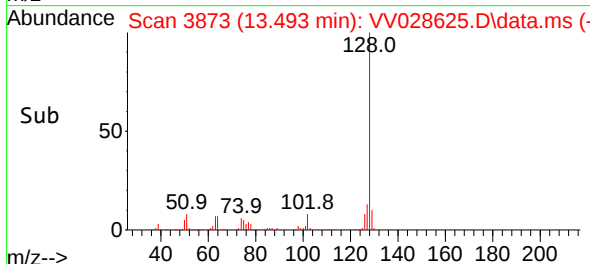
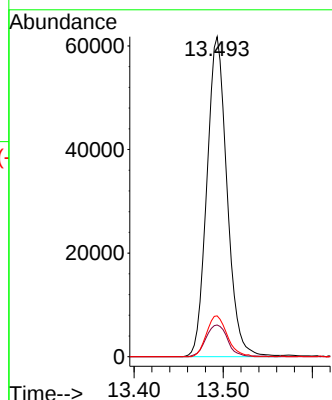
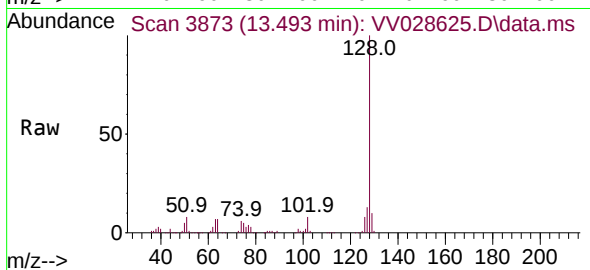
Acq: 18 Oct 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	97042
Ion Ratio	Lower	Upper
128	100	
129	10.7	9.0 13.6
127	13.1	10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.837 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028625.D

Acq: 18 Oct 2022 20:01

Tgt Ion:180	Resp:	56158
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.3 114.5
145	32.2	25.8 38.8

