

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029271.D
 Acq On : 22 Nov 2022 18:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 01:43:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:38:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	305408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	135240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145103	4.981	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.564	69	112775	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.105	63	248352	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.908	46	234116	54.441	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	4.342	84	206222	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	100150	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.047	84	454204	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.066	67	143513	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.310	98	410181	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.616	79	48468	5.327	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.088	63	106587	65.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.700%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73374	5.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	129774	4.974	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	127106	4.983	ug/L	99
3) Chloromethane	1.236	50	164289	4.686	ug/L	99
5) Vinyl chloride	1.307	62	167059	4.966	ug/L	97
6) Bromomethane	1.519	94	90834	4.884	ug/L	97
8) Chloroethane	1.581	64	101728	5.047	ug/L	100
9) Trichlorofluoromethane	1.751	101	185451	4.826	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	113394	4.981	ug/L	99
12) 1,1-Dichloroethene	2.114	96	108829	4.829	ug/L	98
13) Acetone	2.204	43	171373	48.038	ug/L	98
14) Carbon disulfide	2.291	76	311515	4.895	ug/L	100
15) Methyl Acetate	2.442	43	40988	4.420	ug/L	93
16) Methylene chloride	2.503	84	139335	3.927	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	253116	5.113	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	112522	4.914	ug/L	97
19) 1,1-Dichloroethane	3.185	63	230024	4.984	ug/L	100
21) 2-Butanone	3.992	43	288269	51.060	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	126655	5.069	ug/L	99
23) Bromochloromethane	4.246	128	47157	5.050	ug/L	99
25) Chloroform	4.368	83	223185	5.083	ug/L	99

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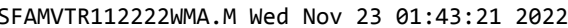
Instrument :
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 ClientSampleId :

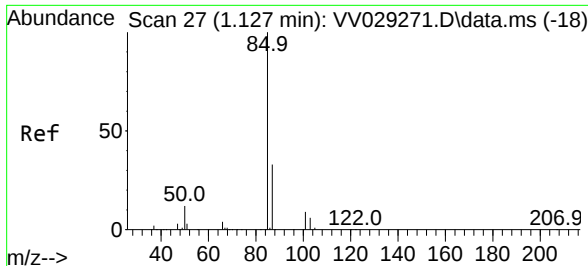
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	121686	5.059	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	179858	5.123	ug/L	100
30) Cyclohexane	4.674	56	220793	5.201	ug/L	100
31) Carbon tetrachloride	4.822	117	143458	5.122	ug/L	99
33) Benzene	5.095	78	497075	5.146	ug/L	100
34) Trichloroethene	5.908	95	129611	5.099	ug/L	97
35) Methylcyclohexane	6.127	83	211634	5.151	ug/L	99
37) 1,2-Dichloropropane	6.169	63	128646	5.137	ug/L	100
38) Bromodichloromethane	6.506	83	145984	5.209	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	171883	5.301	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	687430	54.366	ug/L	100
42) Toluene	7.381	91	513564	5.172	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	130826	5.238	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	75441	5.076	ug/L	98
47) Tetrachloroethene	7.969	164	86050	5.155	ug/L	99
48) 2-Hexanone	8.140	43	497059	51.961	ug/L	98
49) Dibromochloromethane	8.239	129	80242	5.166	ug/L	99
50) 1,2-Dibromoethane	8.345	107	67471	5.366	ug/L #	100
51) Chlorobenzene	8.873	112	303536	5.030	ug/L	98
52) Ethylbenzene	9.005	91	548941	5.136	ug/L	99
53) m,p-Xylene	9.130	106	202252	5.098	ug/L	99
54) o-Xylene	9.535	106	199555	5.140	ug/L	100
55) Styrene	9.554	104	344795	5.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	73966	5.570	ug/L	98
59) Bromoform	9.725	173	39383	4.964	ug/L	99
60) Isopropylbenzene	9.924	105	536712	4.921	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	65033	5.026	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	459242	4.958	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	459580	4.988	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	228525	4.788	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	226109	4.836	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	210798	4.875	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9617	4.949	ug/L	94
69) 1,3,5-Trichlorobenzene	12.635	180	175918	4.733	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	137034	4.750	ug/L	98
71) Naphthalene	13.493	128	37338	3.797	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	112919	4.862	ug/L	99

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

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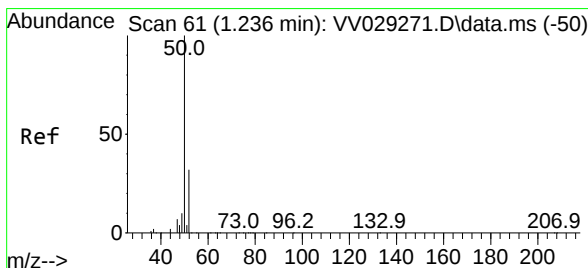
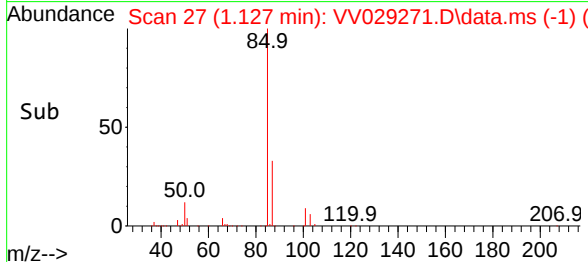
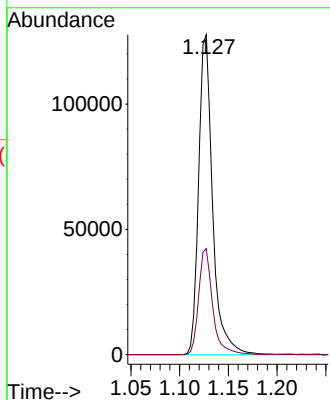
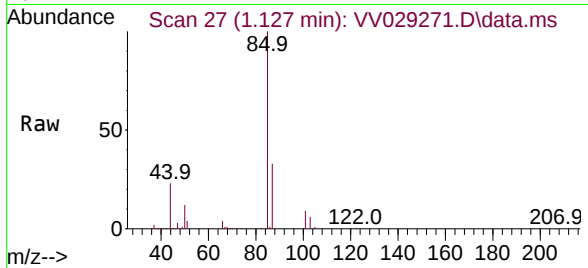




#2
 Dichlorodifluoromethane
 Concen: 4.983 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

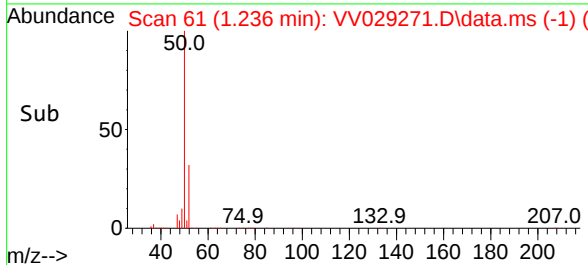
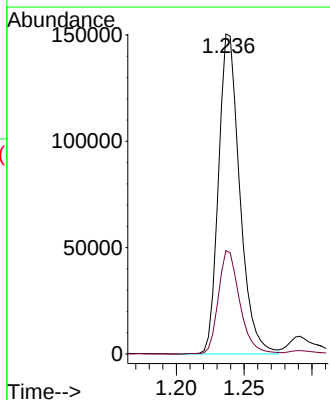
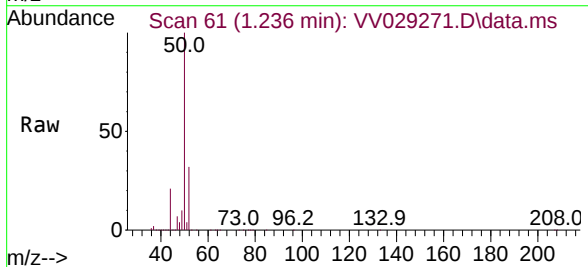
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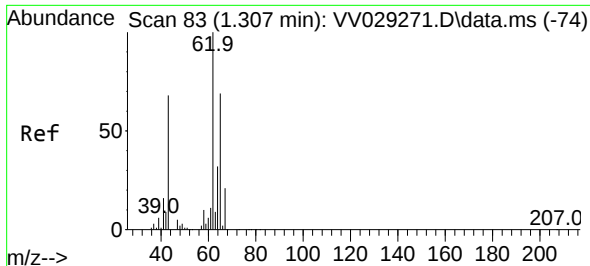
Tgt Ion: 85 Resp: 127106
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.3 39.5



#3
 Chloromethane
 Concen: 4.686 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

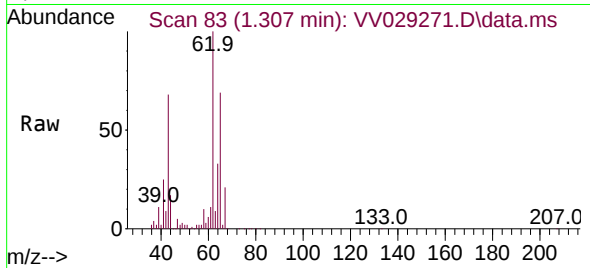
Tgt Ion: 50 Resp: 164289
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.8 42.4



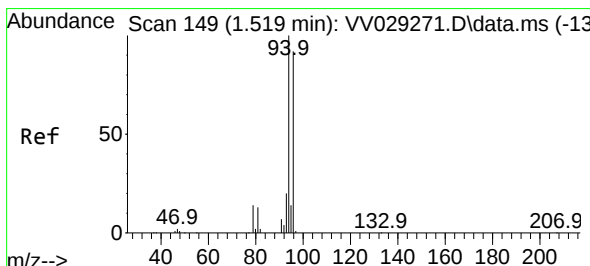
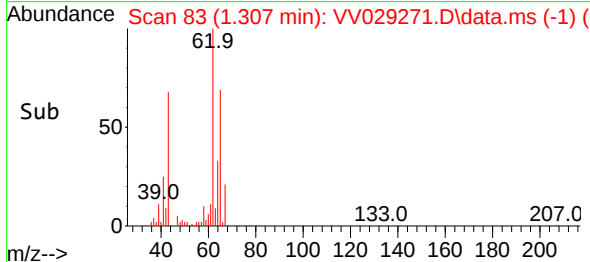
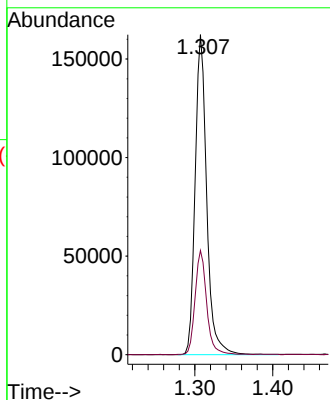


#5
 Vinyl chloride
 Concen: 4.966 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

Instrument :
 MSVOA_V
 ClientSampleId :

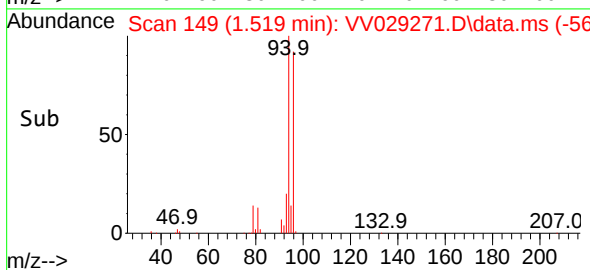
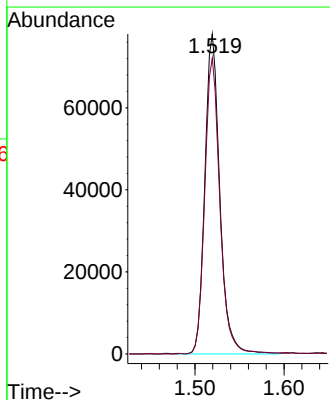
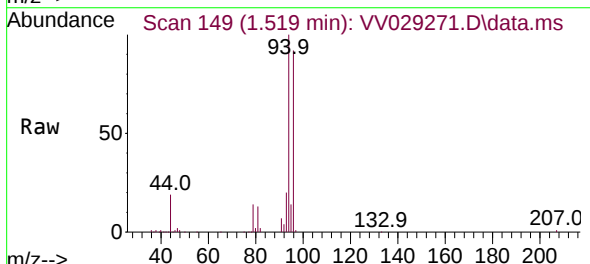


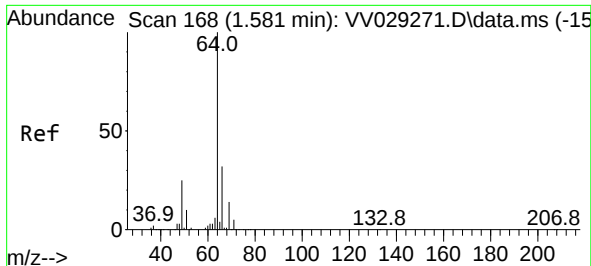
Tgt Ion: 62 Resp: 167059
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.8 44.2



#6
 Bromomethane
 Concen: 4.884 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

Tgt Ion: 94 Resp: 90834
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.8 124.2

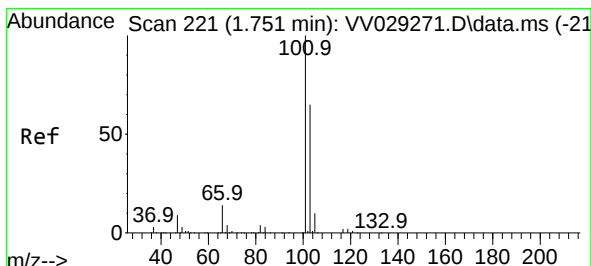
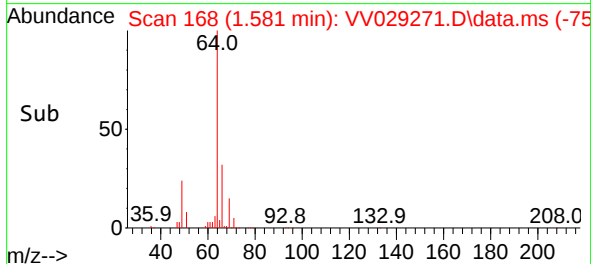
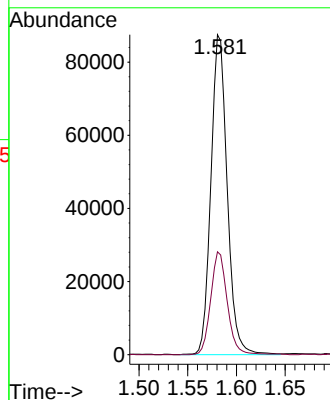
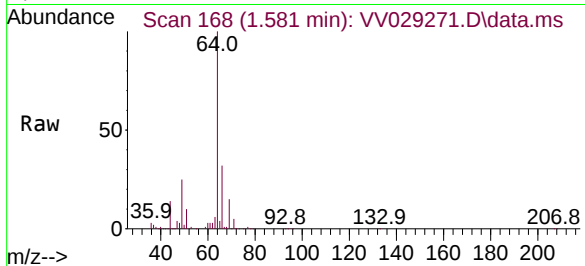




#8
Chloroethane
Concen: 5.047 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

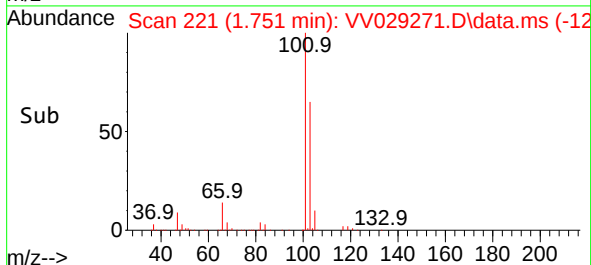
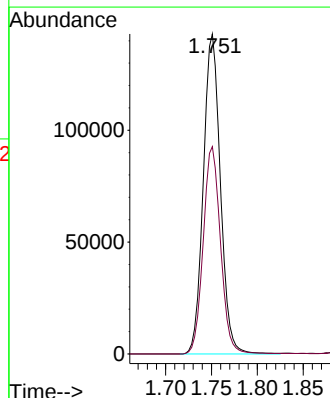
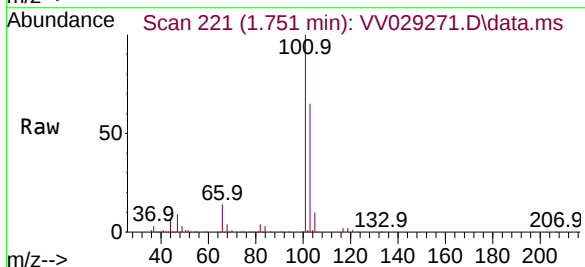
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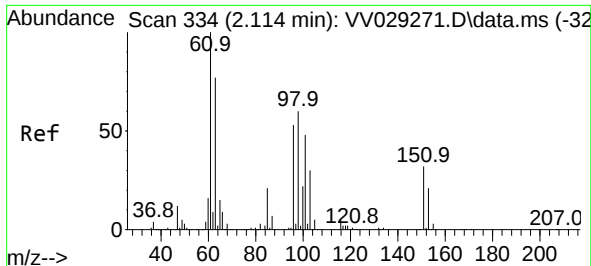
Tgt Ion: 64 Resp: 101728
Ion Ratio Lower Upper
64 100
66 32.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.826 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion:101 Resp: 185451
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

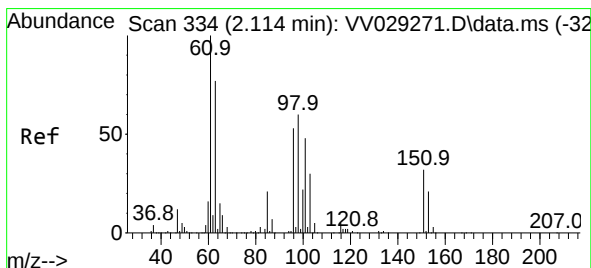
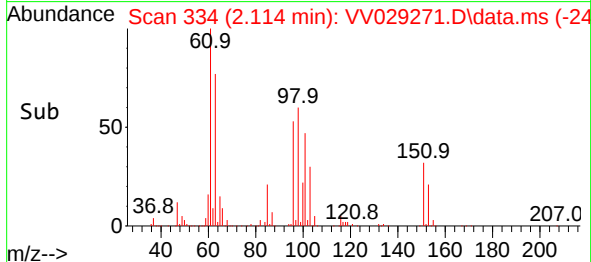
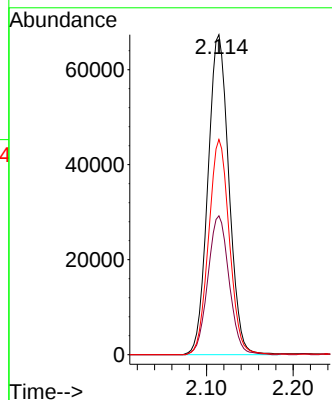
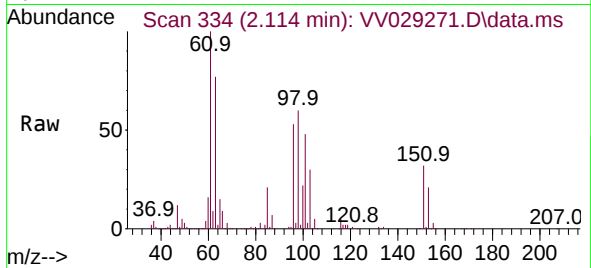




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.981 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

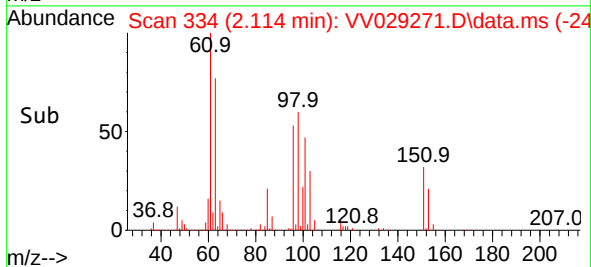
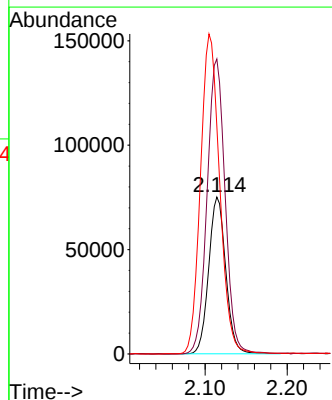
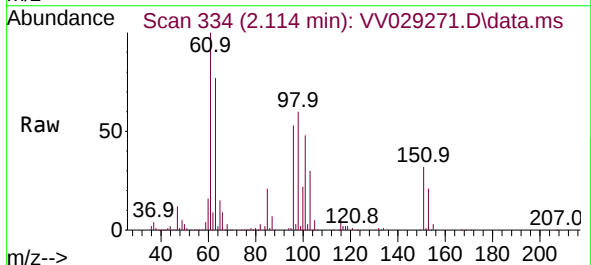
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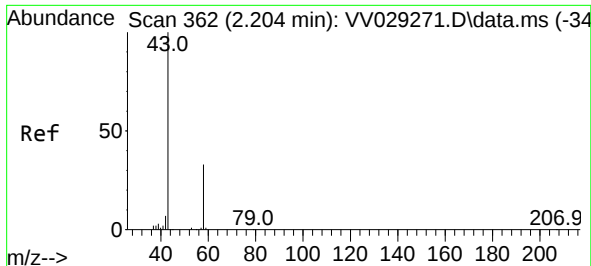
Tgt Ion:101 Resp: 113394
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.7 52.1
 151 66.5 53.4 80.2



#12
 1,1-Dichloroethene
 Concen: 4.829 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

Tgt Ion: 96 Resp: 108829
 Ion Ratio Lower Upper
 96 100
 61 187.9 131.9 245.0
 63 145.1 98.6 183.0

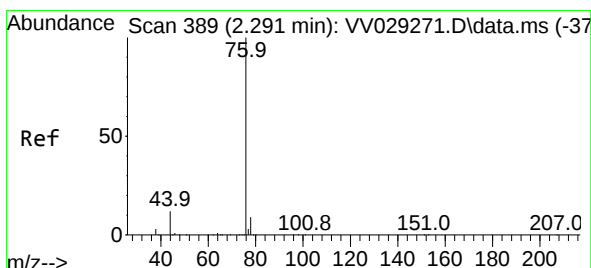
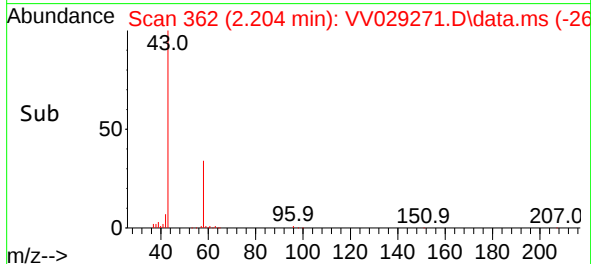
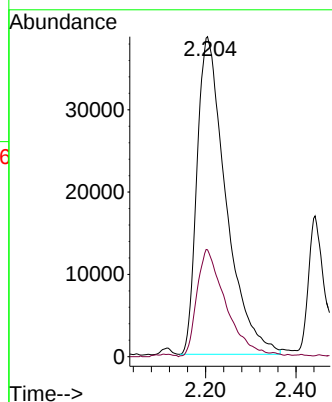
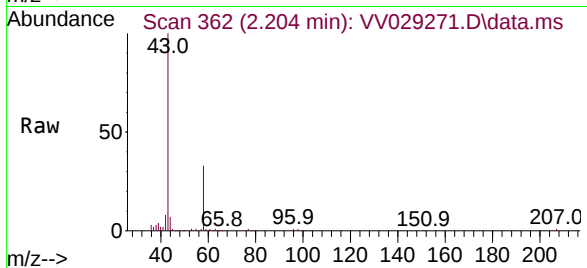




#13
Acetone
Concen: 48.038 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

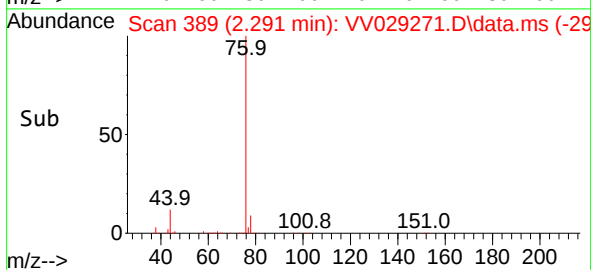
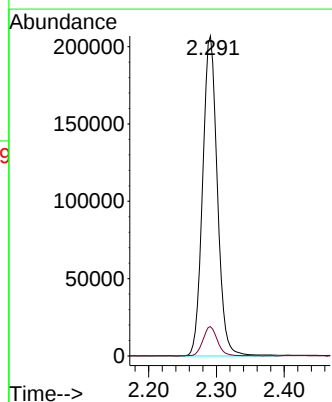
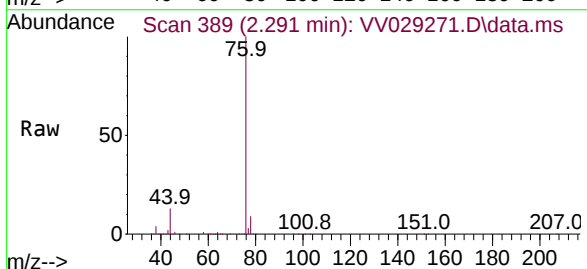
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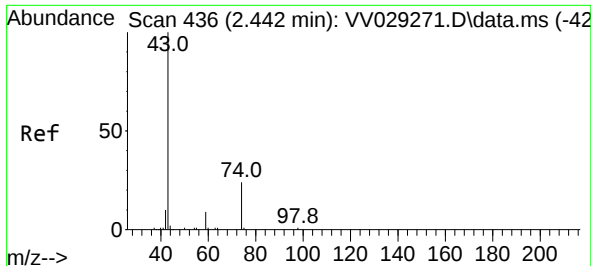
Tgt Ion: 43 Resp: 171373
Ion Ratio Lower Upper
43 100
58 33.7 0.0 65.2



#14
Carbon disulfide
Concen: 4.895 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 76 Resp: 311515
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

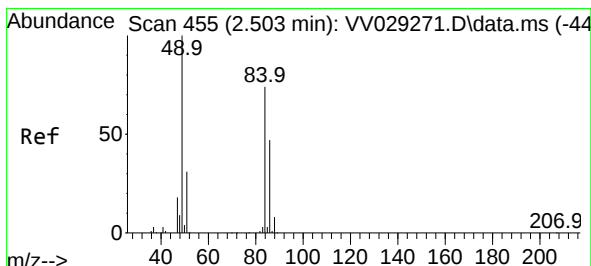
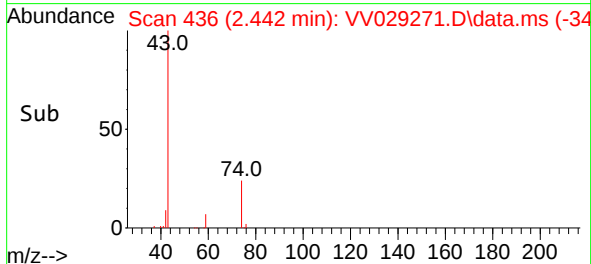
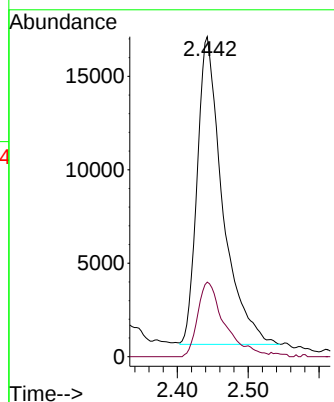
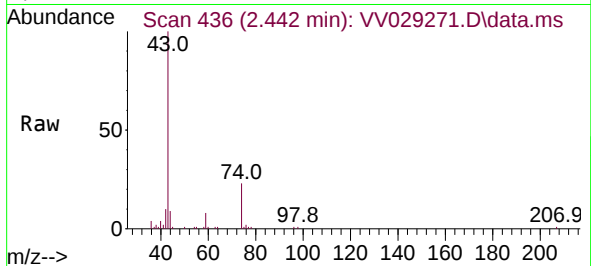




#15
Methyl Acetate
Concen: 4.420 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

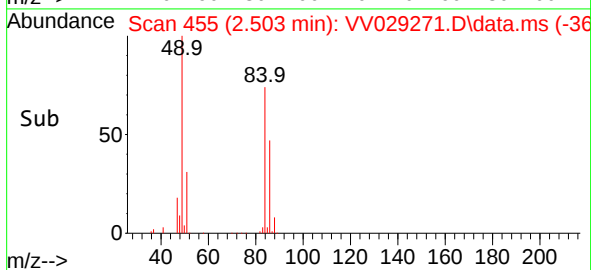
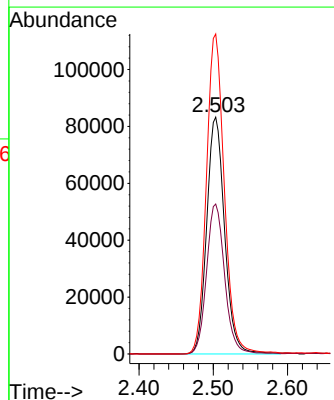
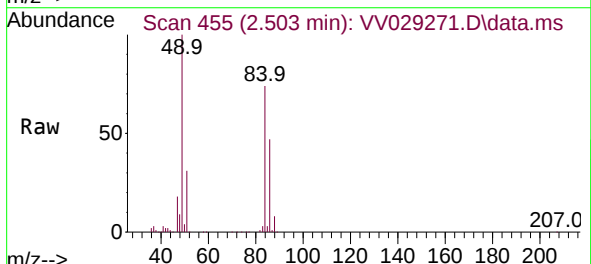
Instrument :
MSVOA_V
ClientSampleId :

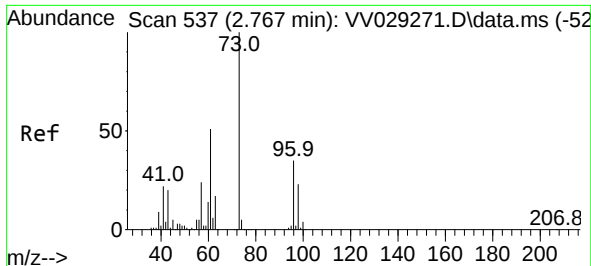
Tgt Ion: 43 Resp: 40988
Ion Ratio Lower Upper
43 100
74 25.6 18.0 27.0



#16
Methylene chloride
Concen: 3.927 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 84 Resp: 139335
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 135.2 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 5.113 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

ClientSampleId :

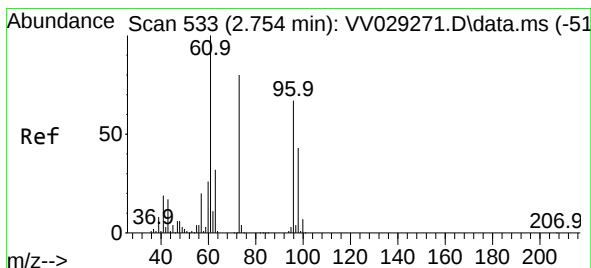
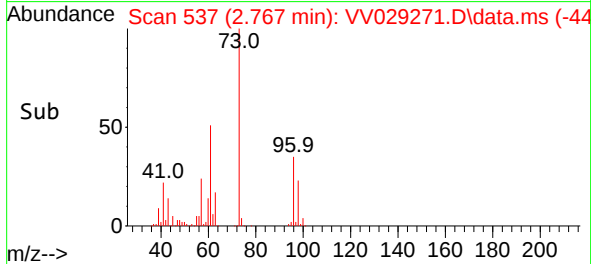
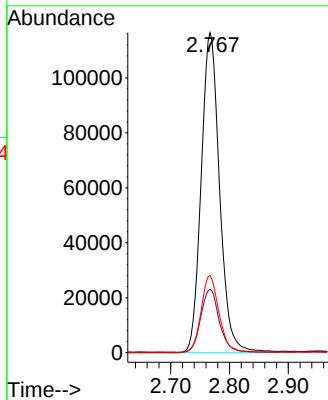
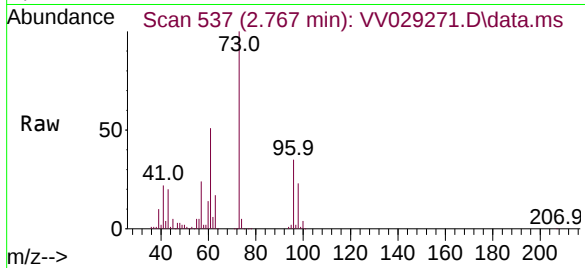
Tgt Ion: 73 Resp: 253116

Ion Ratio Lower Upper

73 100

43 19.6 15.4 23.2

57 23.6 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 4.914 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

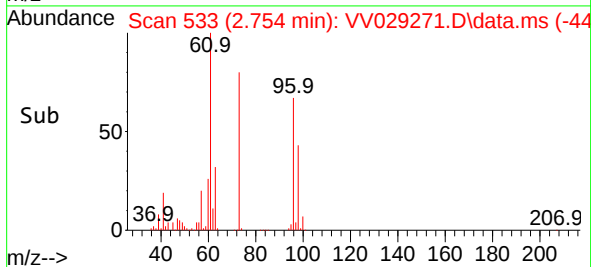
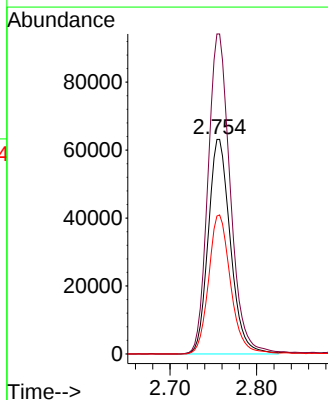
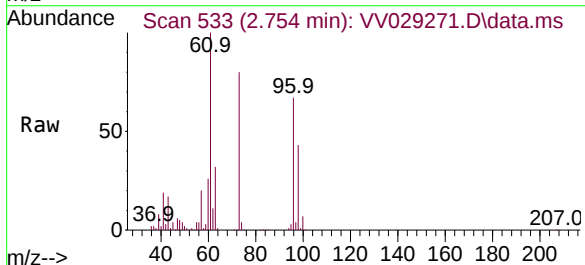
Tgt Ion: 96 Resp: 112522

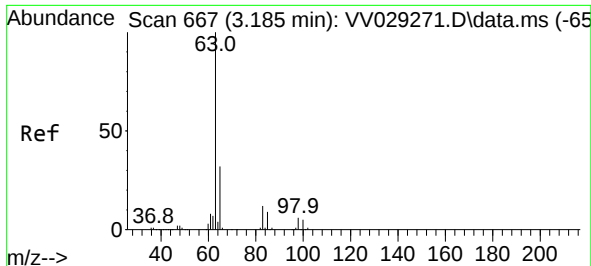
Ion Ratio Lower Upper

96 100

61 149.1 107.6 199.8

98 64.2 44.3 82.3





#19

1,1-Dichloroethane

Concen: 4.984 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

ClientSampleId :

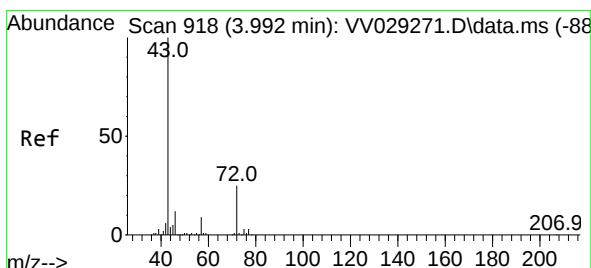
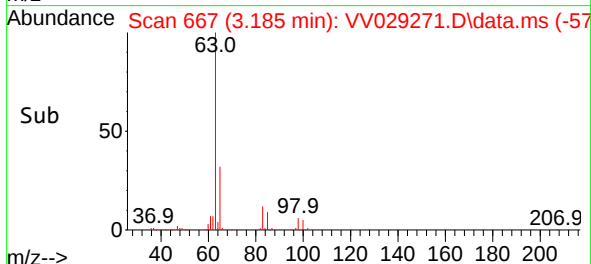
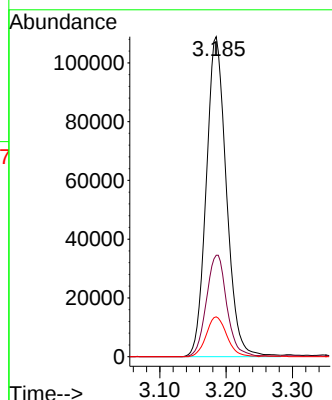
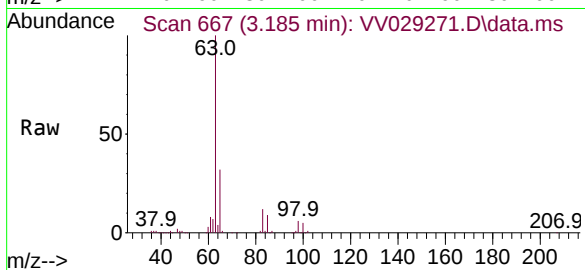
Tgt Ion: 63 Resp: 230024

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 12.4 9.0 16.8



#21

2-Butanone

Concen: 51.060 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.000 min

Lab File: VV029271.D

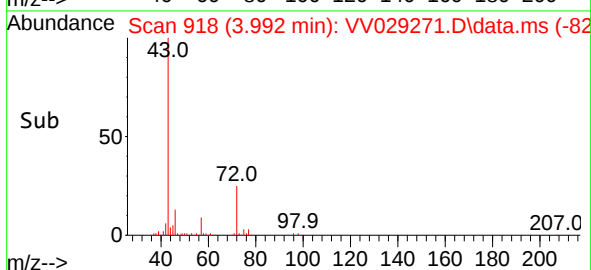
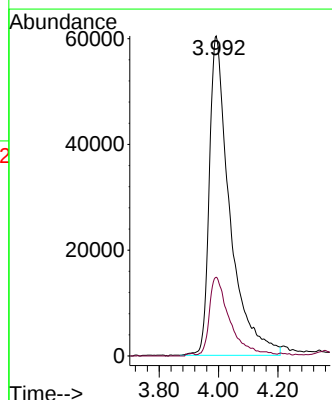
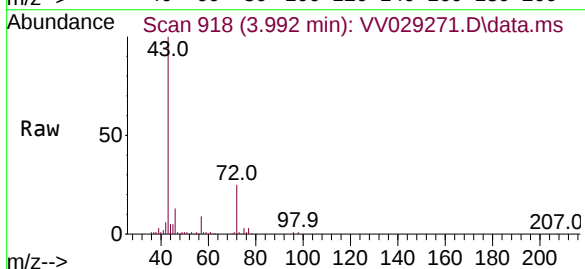
Acq: 22 Nov 2022 18:31

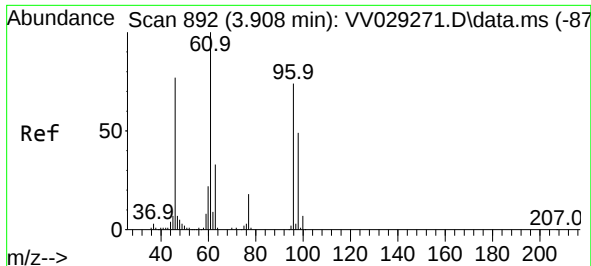
Tgt Ion: 43 Resp: 288269

Ion Ratio Lower Upper

43 100

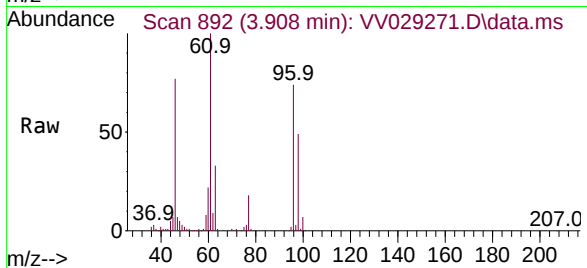
72 23.4 11.3 33.8



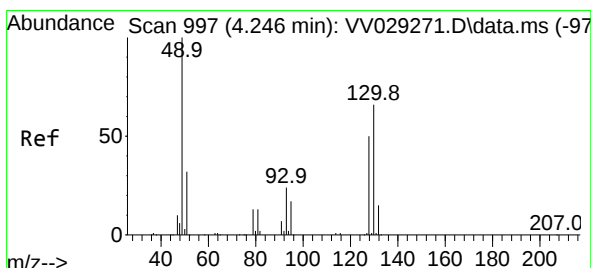
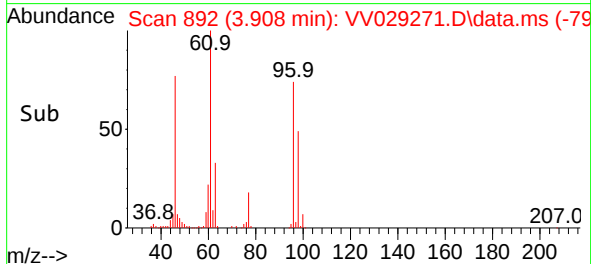
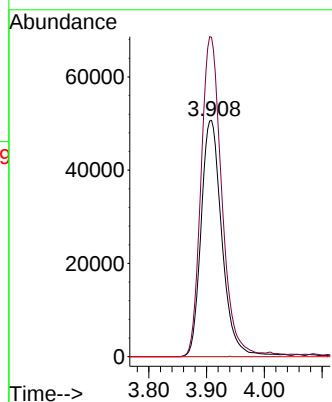


#22
 cis-1,2-Dichloroethene
 Concen: 5.069 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

Instrument :
 MSVOA_V
 ClientSampleId :

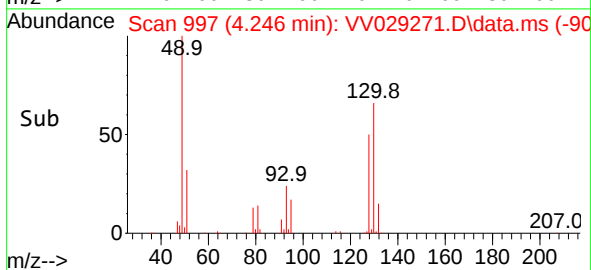
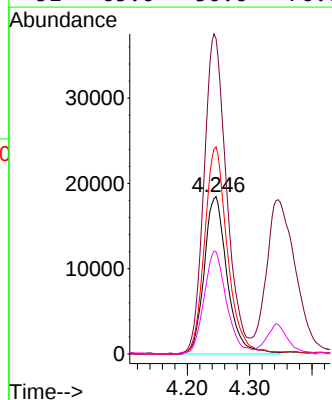
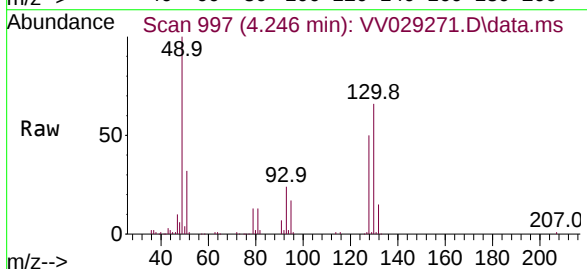


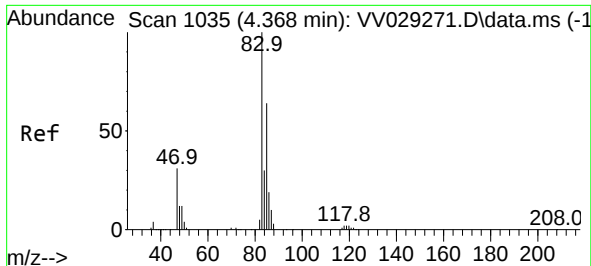
Tgt Ion: 96 Resp: 126655
 Ion Ratio Lower Upper
 96 100
 61 135.2 95.8 178.0
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.050 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

Tgt Ion: 128 Resp: 47157
 Ion Ratio Lower Upper
 128 100
 49 200.3 139.9 259.9
 130 131.5 89.9 166.9
 51 65.0 50.6 76.0

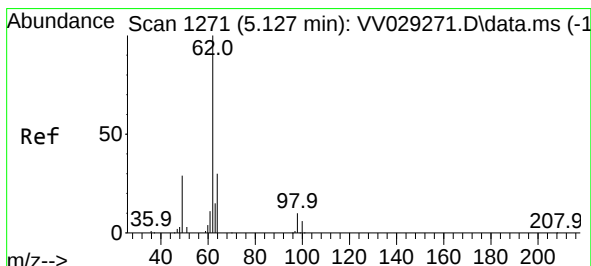
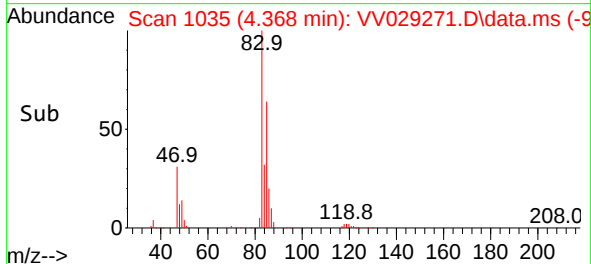
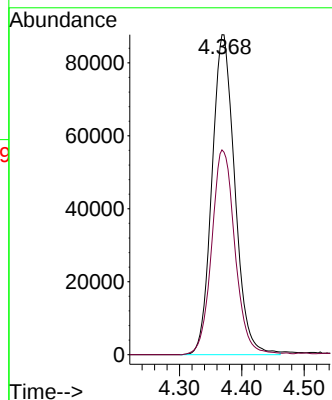
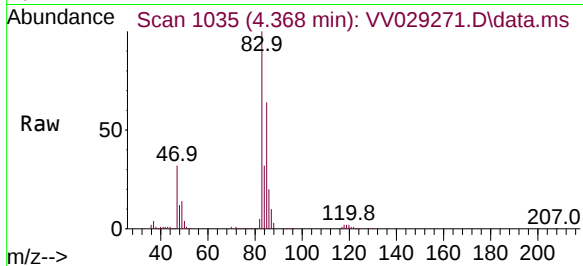




#25
Chloroform
Concen: 5.083 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

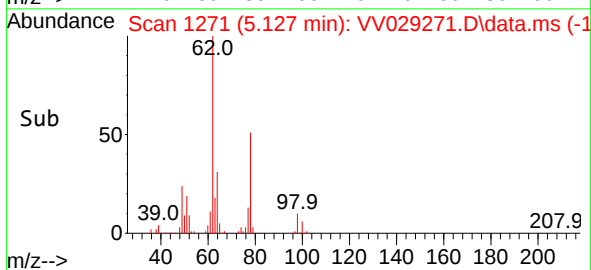
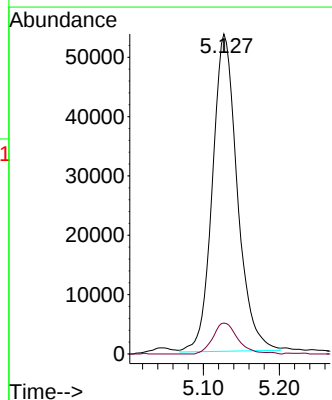
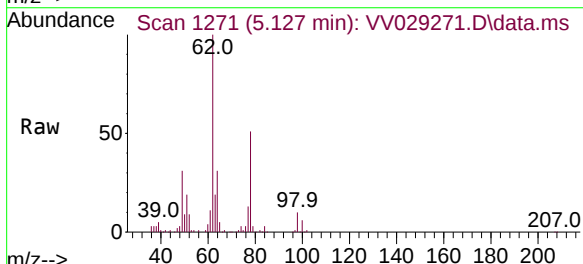
Instrument :
MSVOA_V
ClientSampleId :

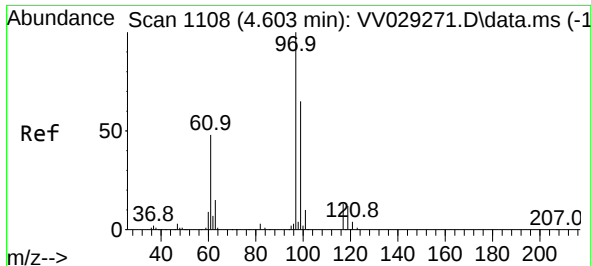
Tgt Ion: 83 Resp: 223185
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.059 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 62 Resp: 121686
Ion Ratio Lower Upper
62 100
98 9.7 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.123 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

ClientSampleId :

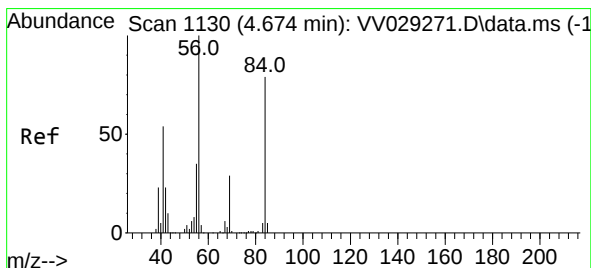
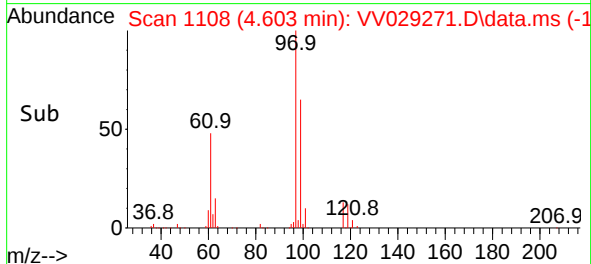
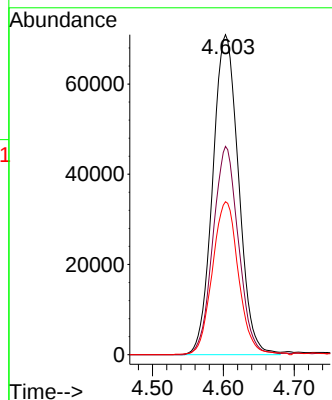
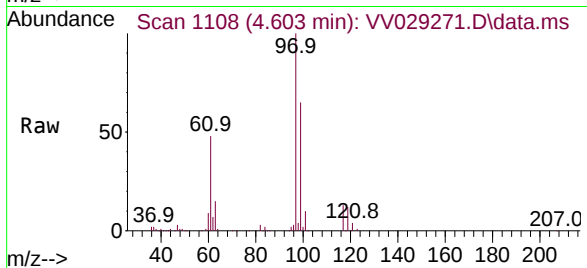
Tgt Ion: 97 Resp: 179858

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 48.4 39.0 58.4



#30

Cyclohexane

Concen: 5.201 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

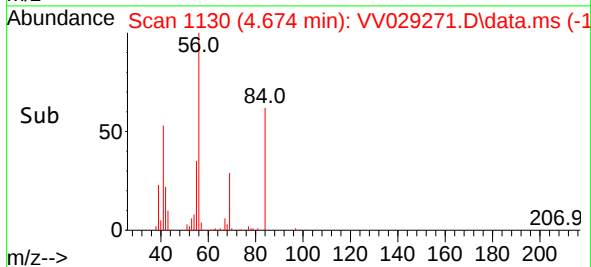
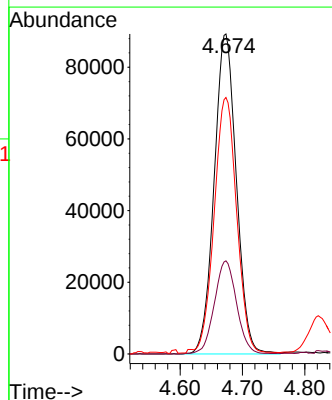
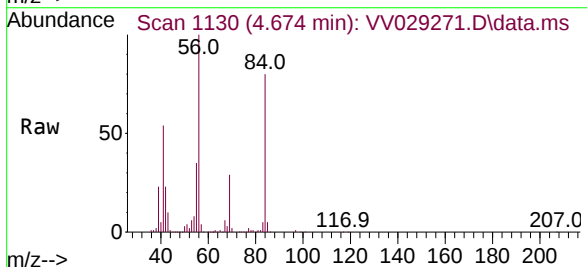
Tgt Ion: 56 Resp: 220793

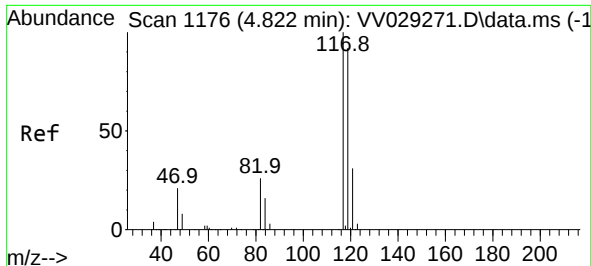
Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 81.1 64.6 97.0

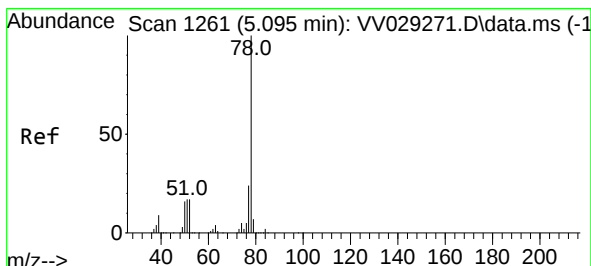
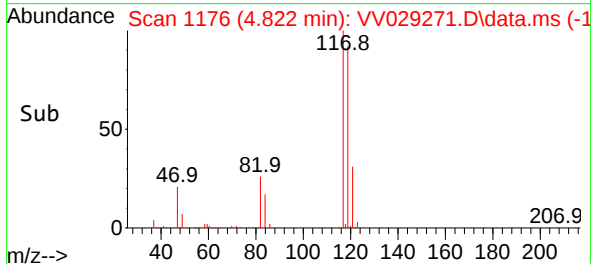
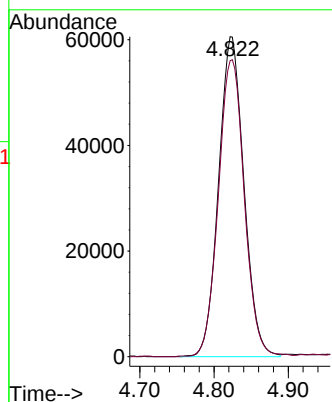
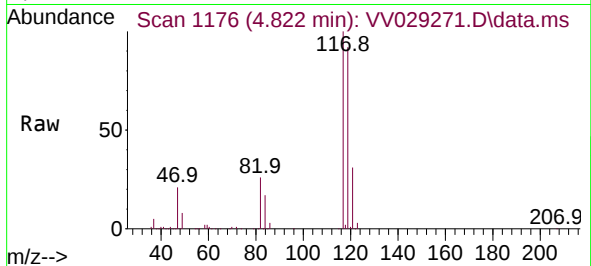




#31
Carbon tetrachloride
Concen: 5.122 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

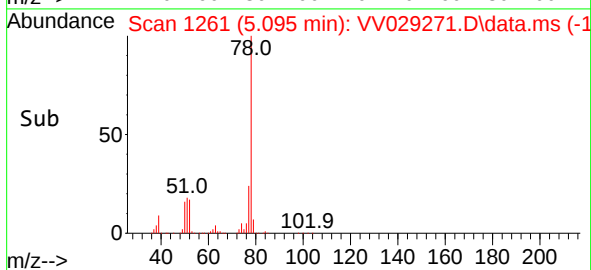
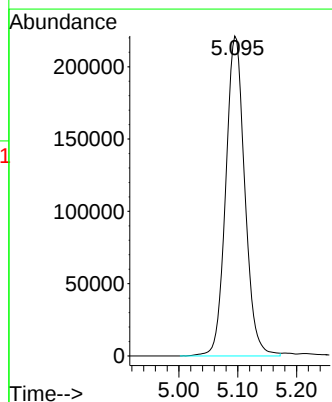
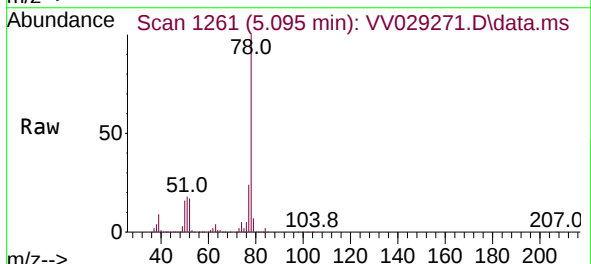
Instrument :
MSVOA_V
ClientSampleId :

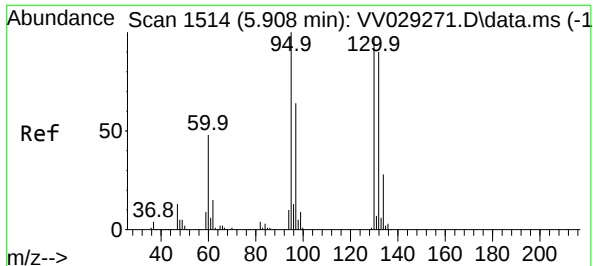
Tgt Ion:117 Resp: 143458
Ion Ratio Lower Upper
117 100
119 94.8 75.1 112.7



#33
Benzene
Concen: 5.146 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

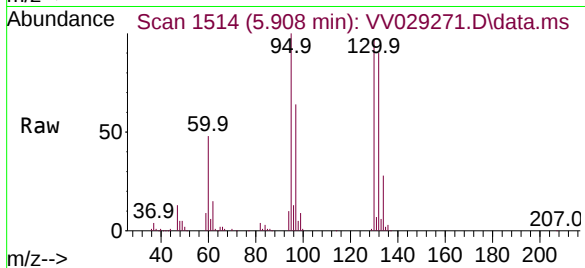
Tgt Ion: 78 Resp: 497075



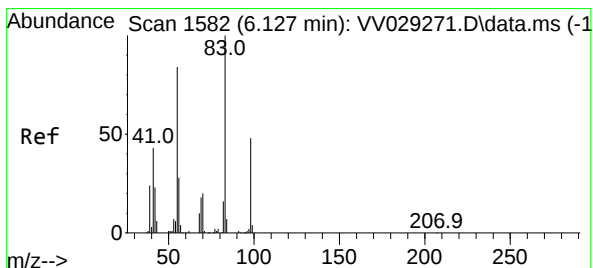
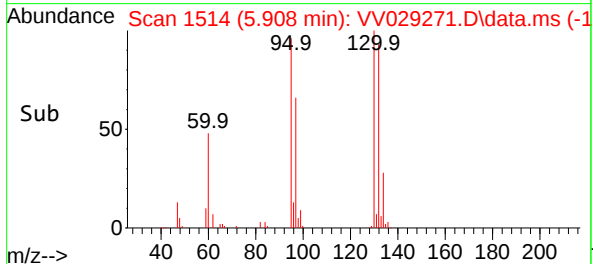
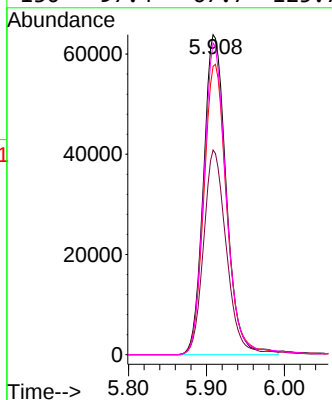


#34
Trichloroethene
Concen: 5.099 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Instrument :
MSVOA_V
ClientSampleId :

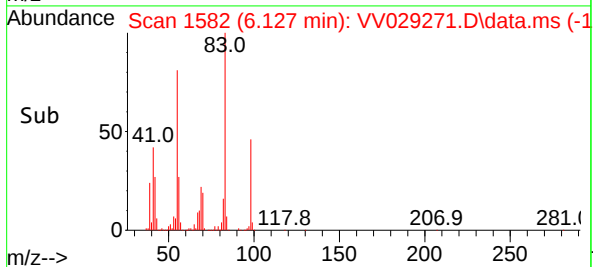
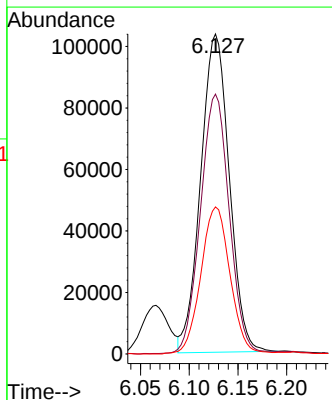
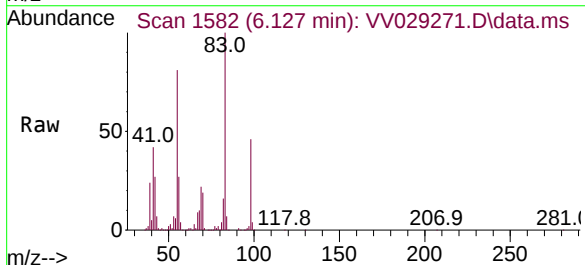


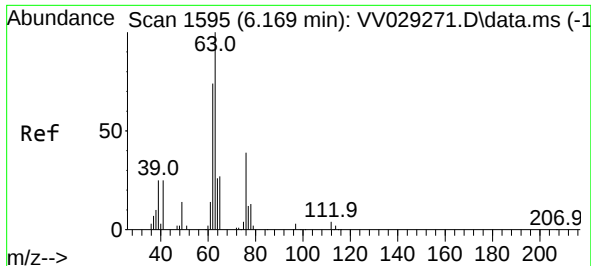
Tgt Ion: 95 Resp: 129611
Ion Ratio Lower Upper
95 100
97 64.0 46.7 86.7
132 90.1 65.7 122.1
130 97.4 67.7 125.7



#35
Methylcyclohexane
Concen: 5.151 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 83 Resp: 211634
Ion Ratio Lower Upper
83 100
55 82.8 65.7 98.5
98 47.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 5.137 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

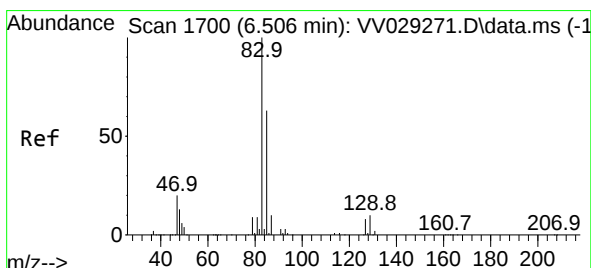
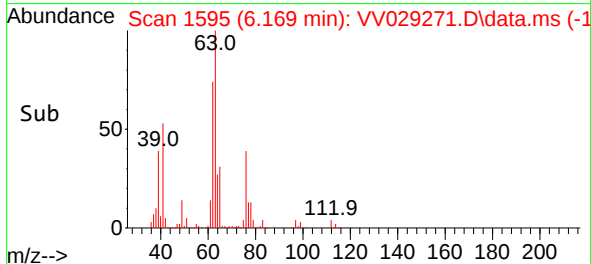
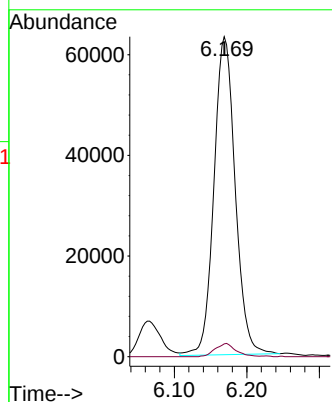
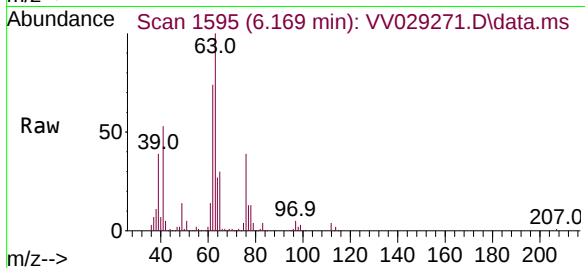
ClientSampleId :

Tgt Ion: 63 Resp: 128646

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.209 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

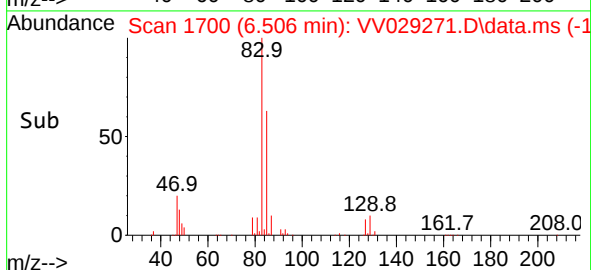
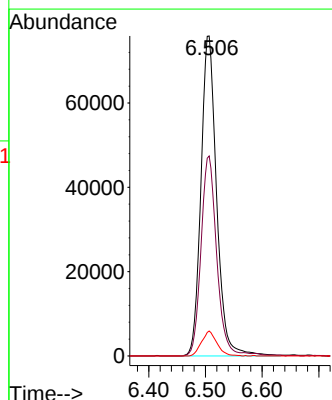
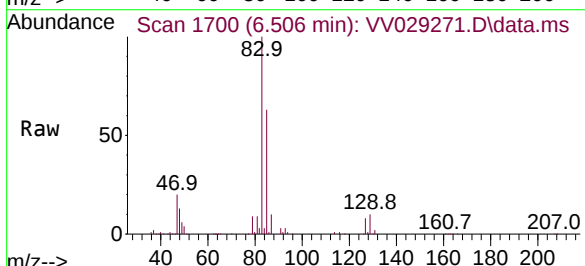
Tgt Ion: 83 Resp: 145984

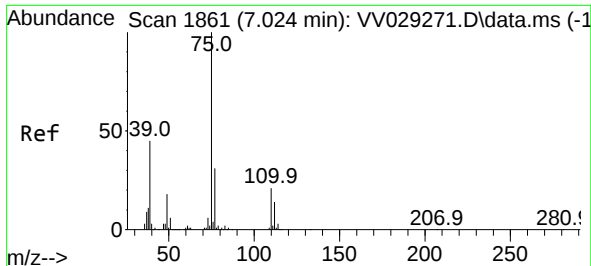
Ion Ratio Lower Upper

83 100

85 62.5 45.1 83.7

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.301 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

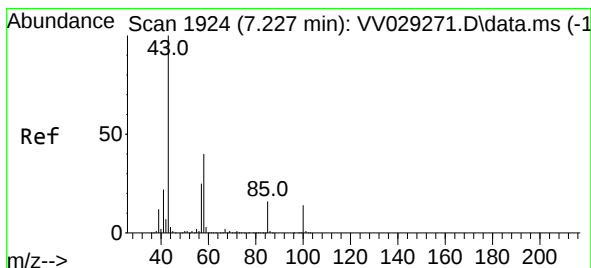
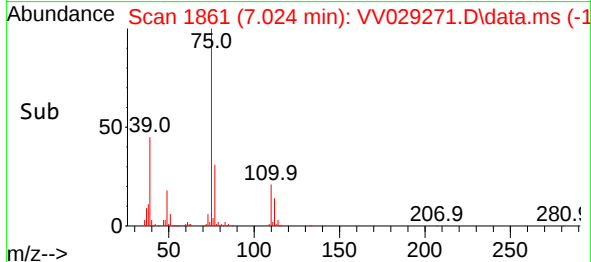
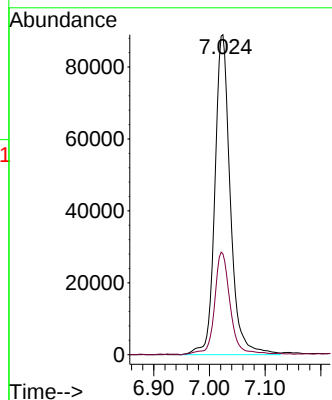
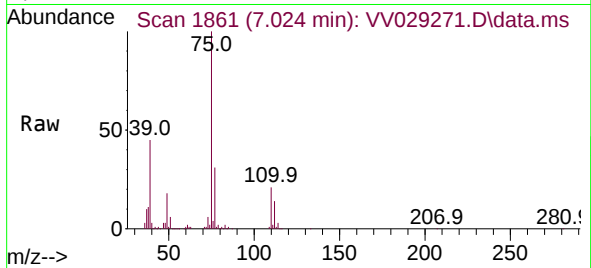
ClientSampleId :

Tgt Ion: 75 Resp: 171883

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 54.366 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

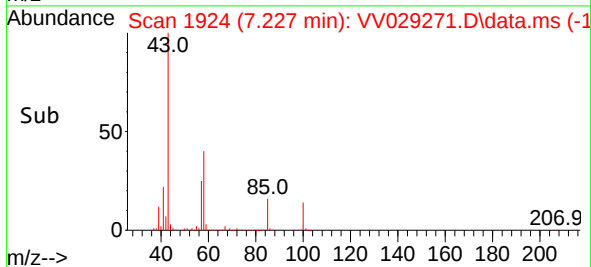
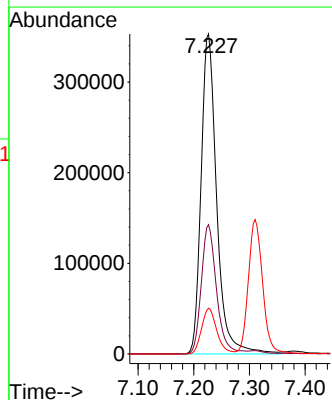
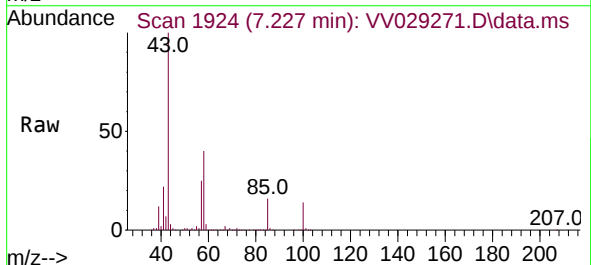
Tgt Ion: 43 Resp: 687430

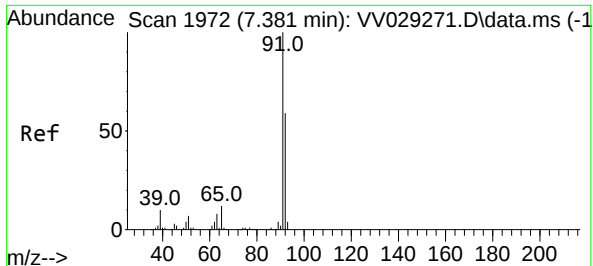
Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8

100 14.0 11.0 16.6





#42

Toluene

Concen: 5.172 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

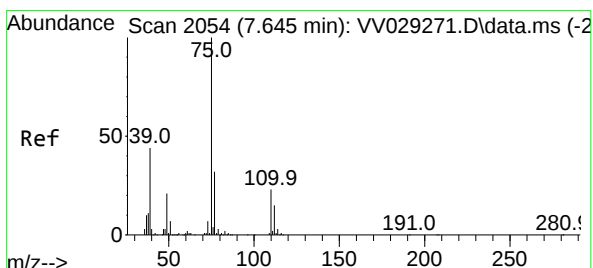
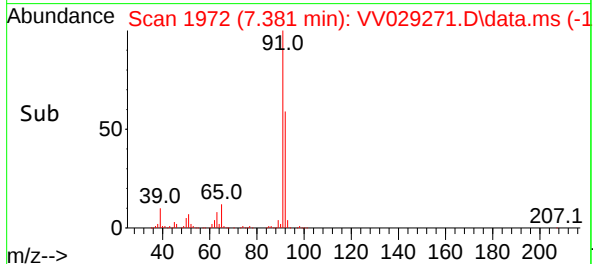
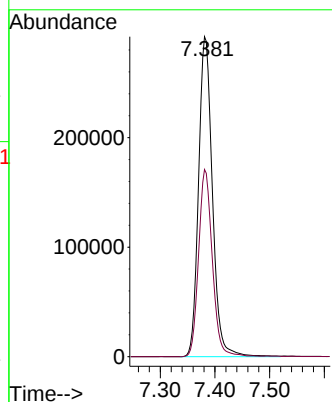
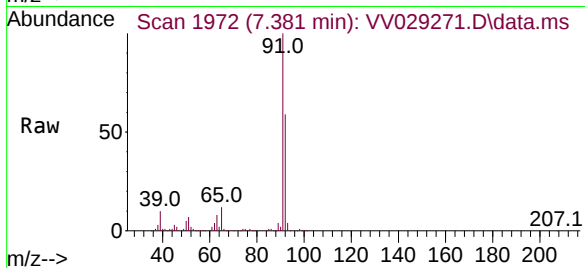
ClientSampleId :

Tgt Ion: 91 Resp: 513564

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.238 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV029271.D

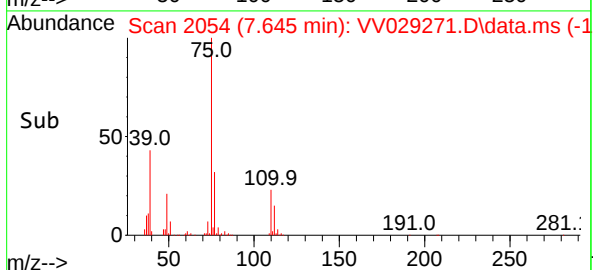
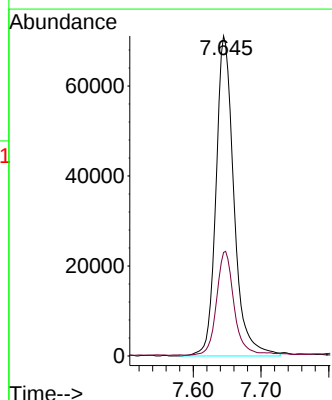
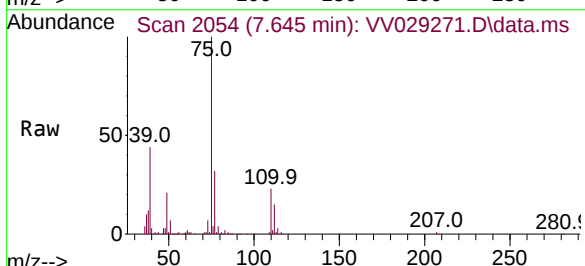
Acq: 22 Nov 2022 18:31

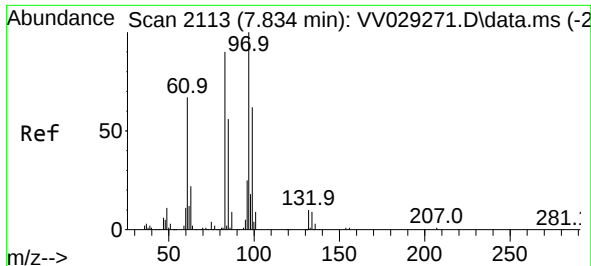
Tgt Ion: 75 Resp: 130826

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6

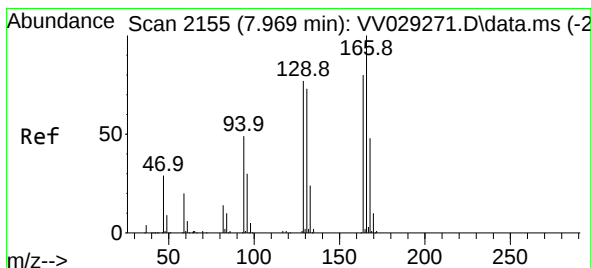
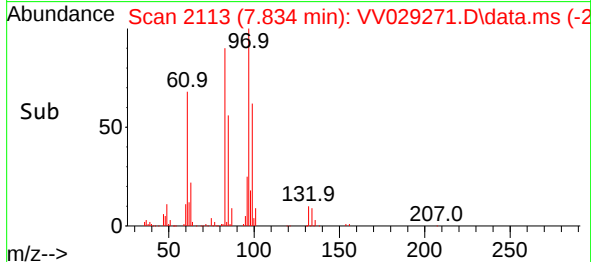
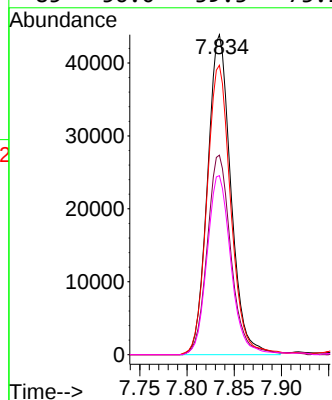
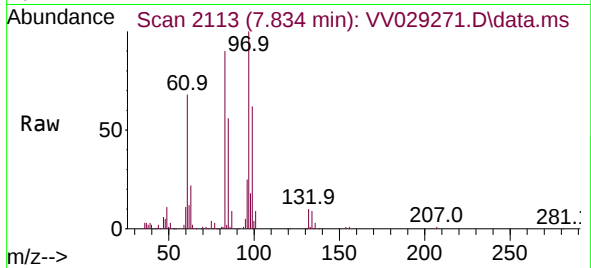




#45
1,1,2-Trichloroethane
Concen: 5.076 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

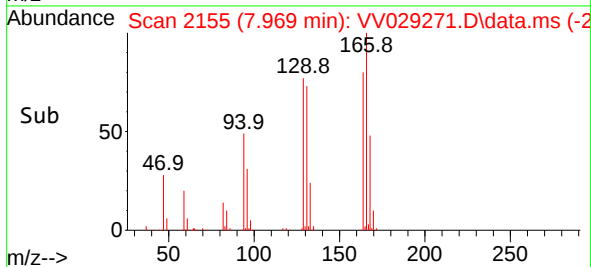
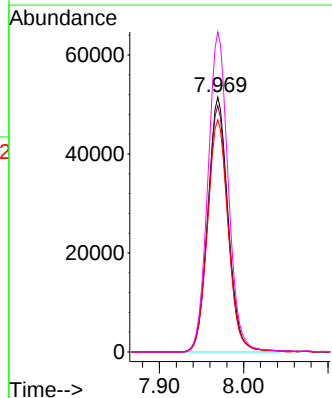
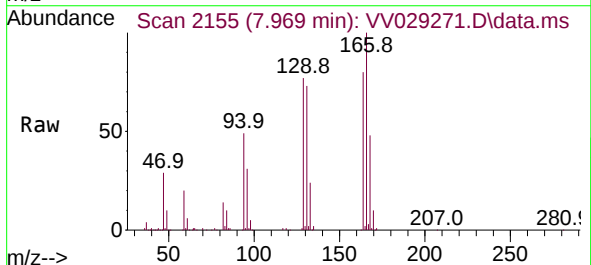
Instrument :
MSVOA_V
ClientSampleId :

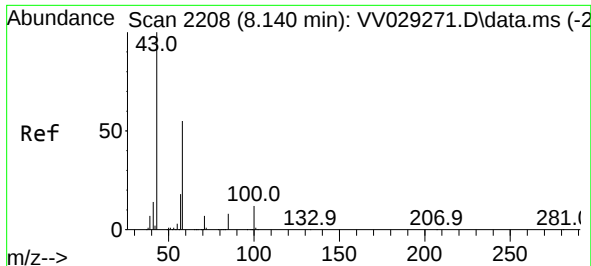
Tgt Ion: 97	Resp: 75441
Ion Ratio	Lower Upper
97 100	
99 62.3	42.8 79.6
83 90.4	61.4 114.0
85 56.0	39.3 73.1



#47
Tetrachloroethene
Concen: 5.155 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

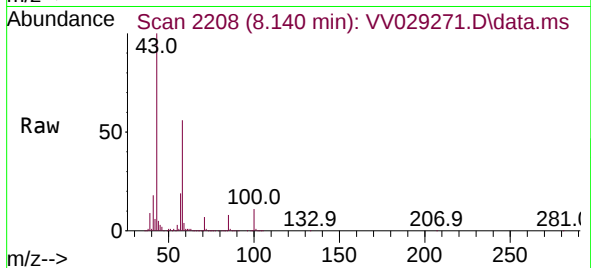
Tgt Ion:164	Resp: 86050		
Ion	Ratio	Lower	Upper
164	100		
129	96.6	68.3	126.8
131	91.1	65.2	121.0
166	125.6	88.1	163.7



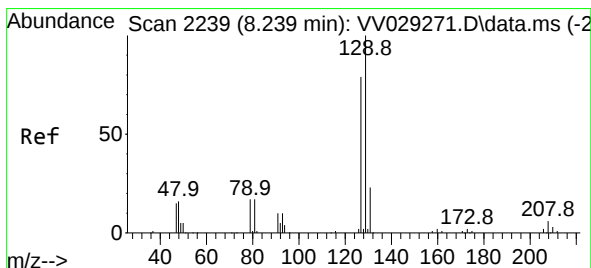
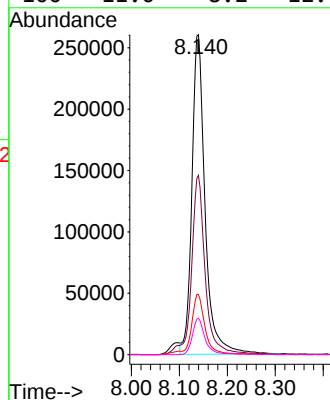
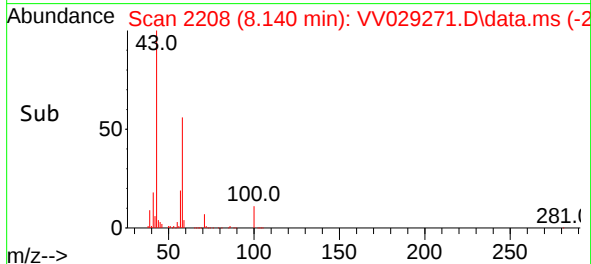


#48
2-Hexanone
Concen: 51.961 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Instrument :
MSVOA_V
ClientSampleId :

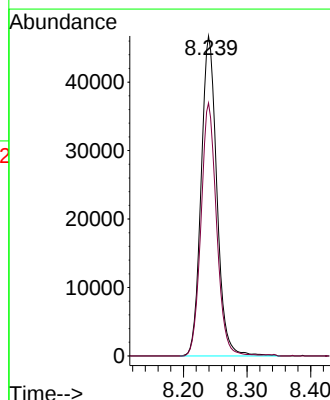
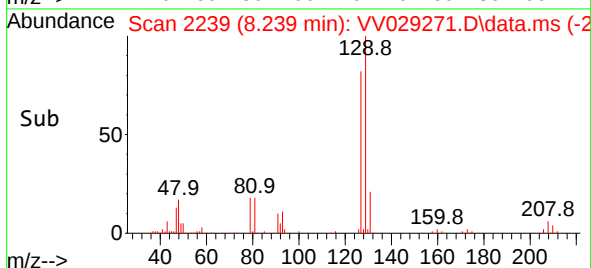
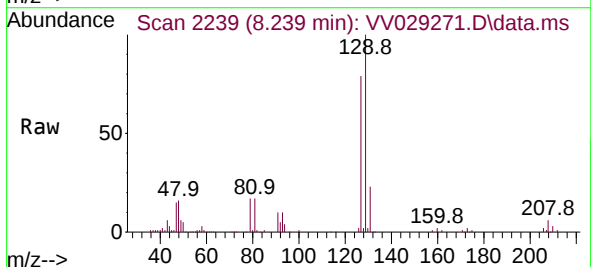


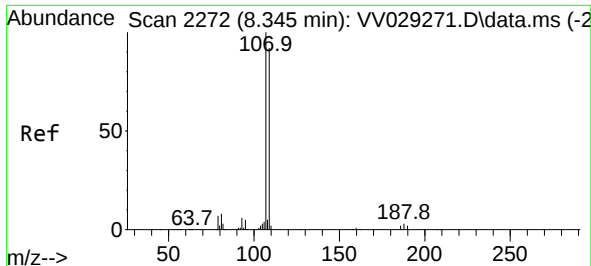
Tgt Ion: 43 Resp: 497059
Ion Ratio Lower Upper
43 100
58 58.8 45.3 67.9
57 19.7 15.4 23.2
100 11.0 8.2 12.4



#49
Dibromochloromethane
Concen: 5.166 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 129 Resp: 80242
Ion Ratio Lower Upper
129 100
127 79.1 54.7 101.5





#50

1,2-Dibromoethane

Concen: 5.366 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

ClientSampleId :

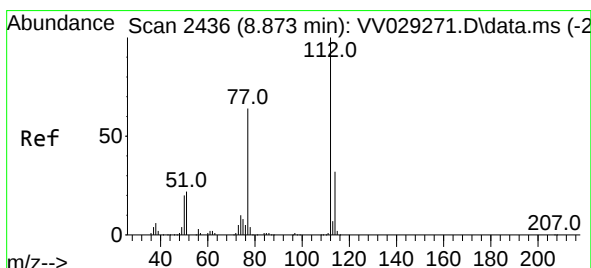
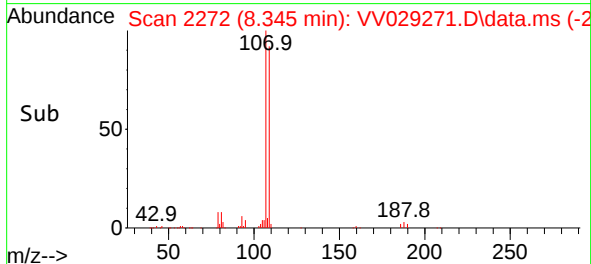
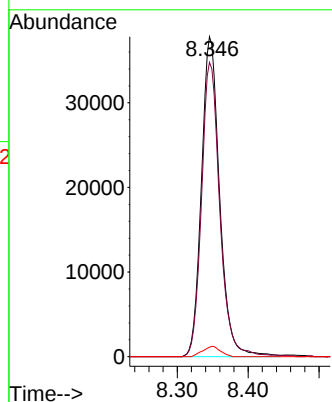
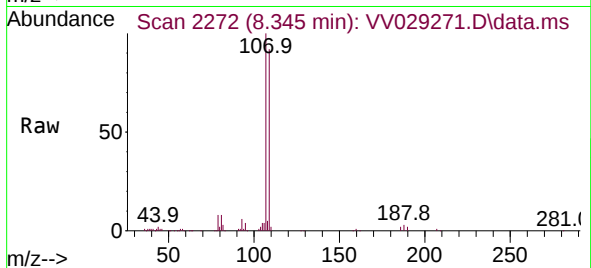
Tgt Ion:107 Resp: 67471

Ion Ratio Lower Upper

107 100

109 92.0 64.3 119.3

188 3.0 3.0 4.6#



#51

Chlorobenzene

Concen: 5.030 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

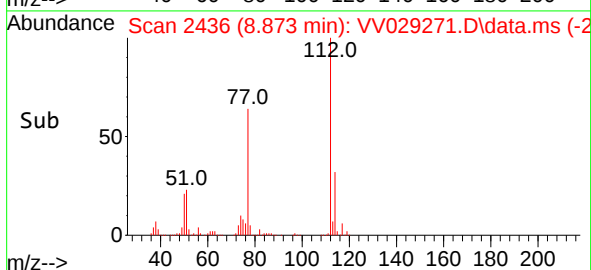
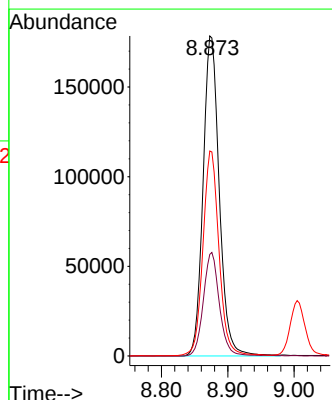
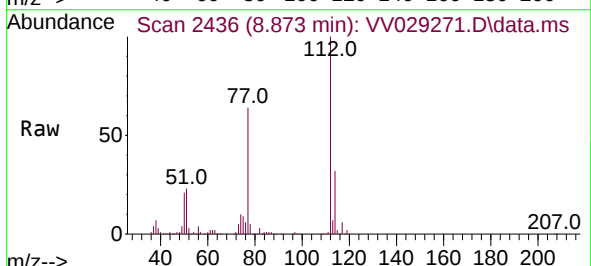
Tgt Ion:112 Resp: 303536

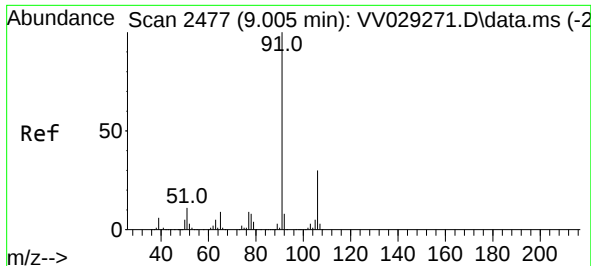
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 64.0 49.8 74.6

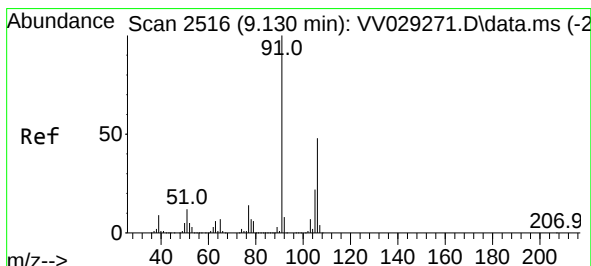
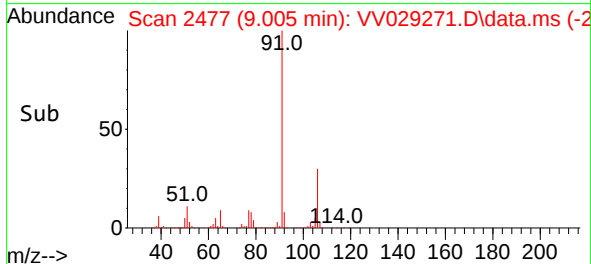
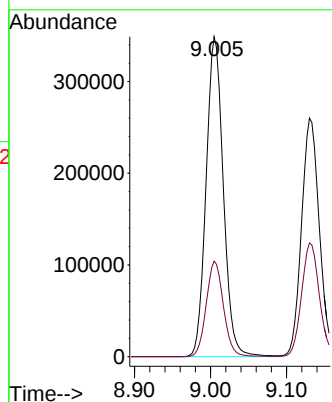
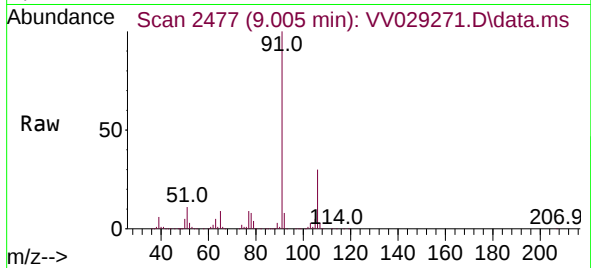




#52
Ethylbenzene
Concen: 5.136 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

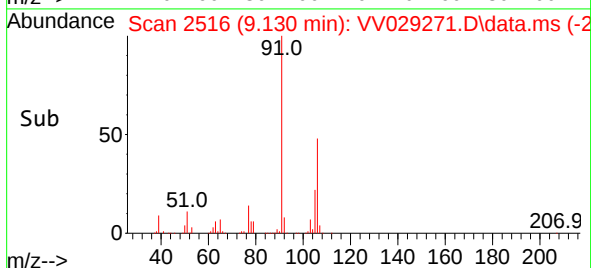
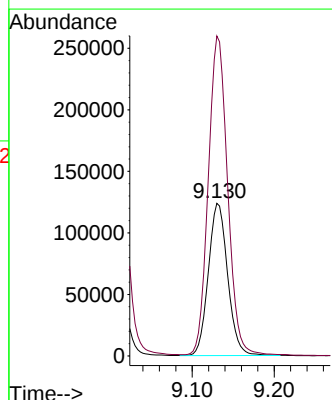
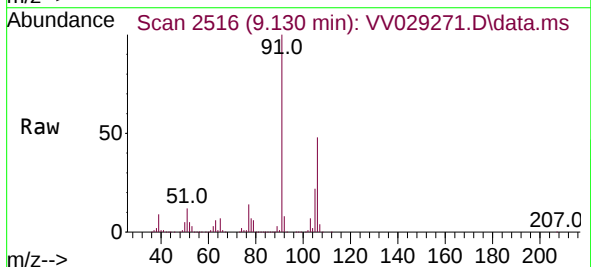
Instrument :
MSVOA_V
ClientSampleId :

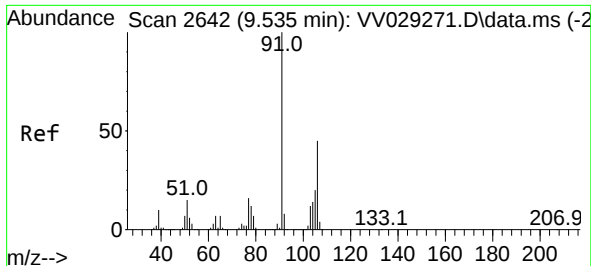
Tgt Ion: 91 Resp: 548941
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 5.098 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 106 Resp: 202252
Ion Ratio Lower Upper
106 100
91 209.6 147.3 273.6

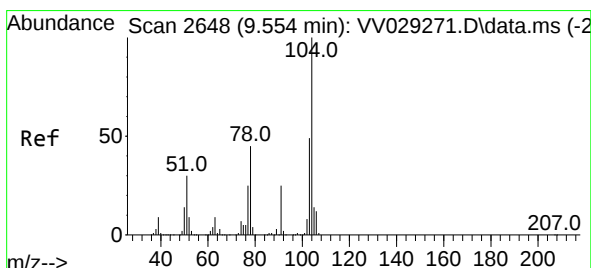
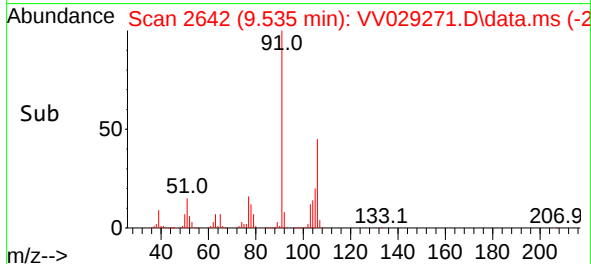
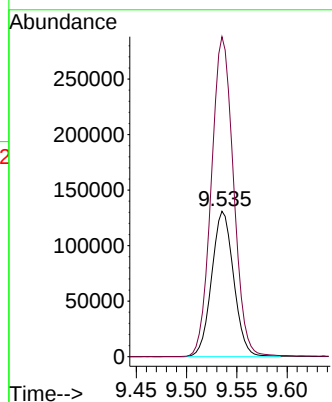
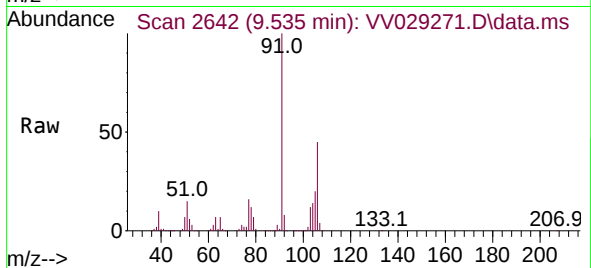




#54
o-Xylene
Concen: 5.140 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

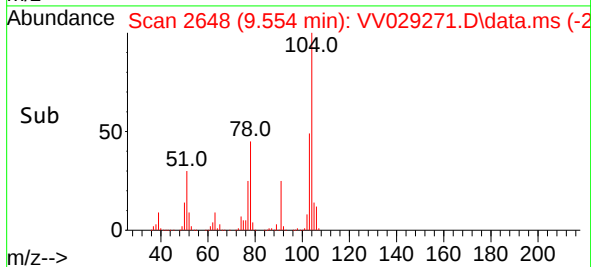
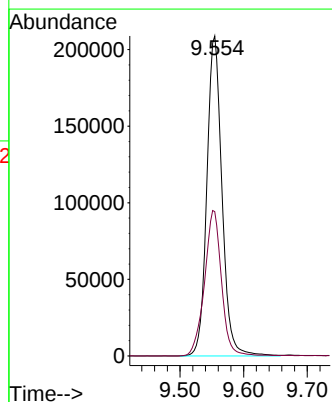
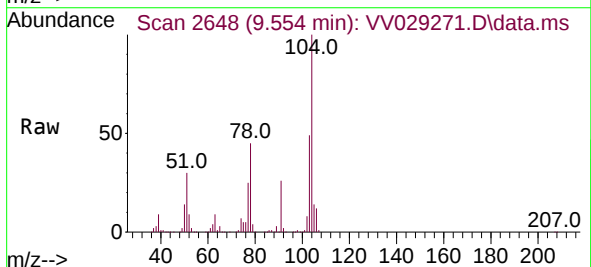
Instrument :
MSVOA_V
ClientSampleId :

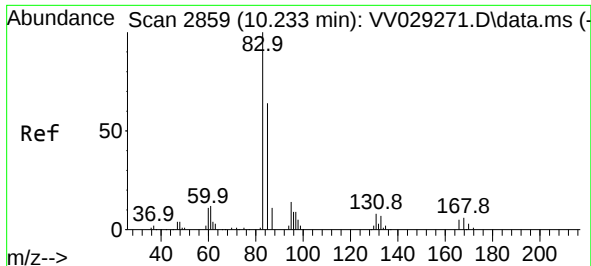
Tgt Ion:106 Resp: 199555
Ion Ratio Lower Upper
106 100
91 220.1 154.6 287.2



#55
Styrene
Concen: 5.194 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion:104 Resp: 344795
Ion Ratio Lower Upper
104 100
78 45.1 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.570 ug/L

RT: 10.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029271.D

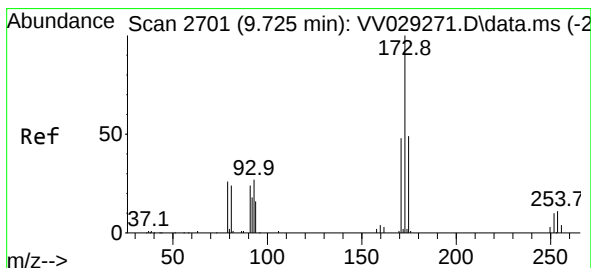
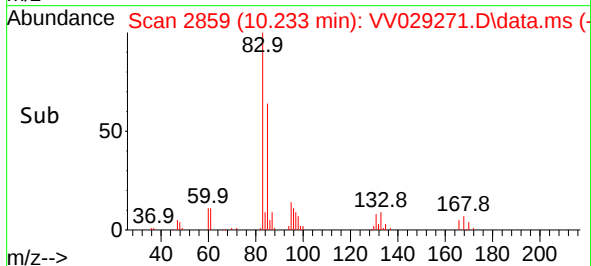
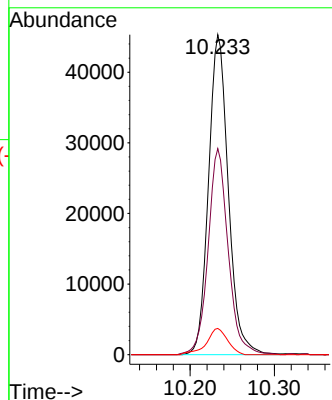
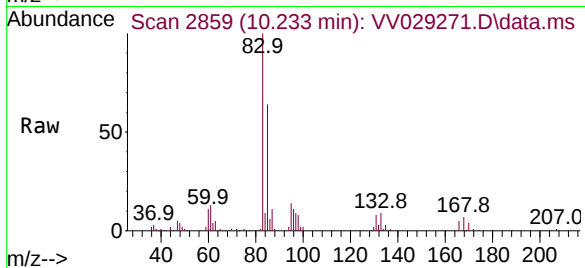
Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	73966
Ion Ratio	Lower	Upper	
83	100		
85	64.4	43.9	81.5
131	8.2	6.9	10.3



#59

Bromoform

Concen: 4.964 ug/L

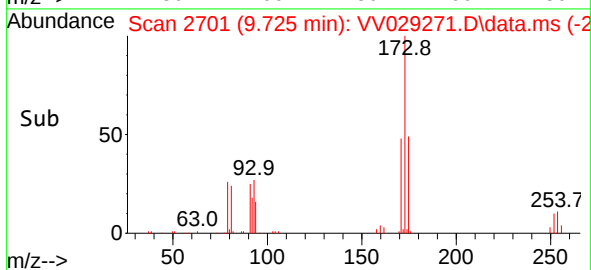
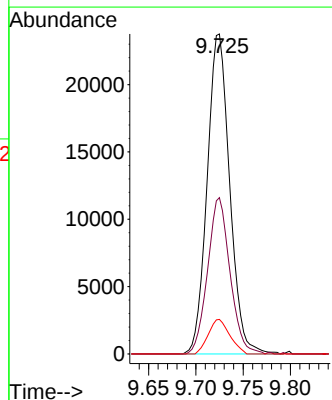
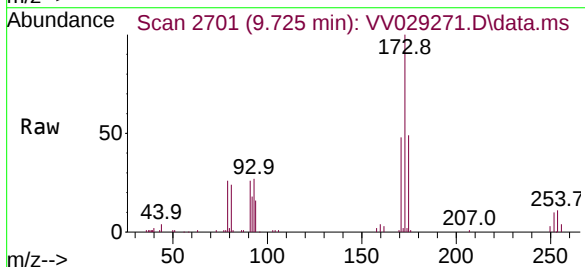
RT: 9.725 min Scan# 2701

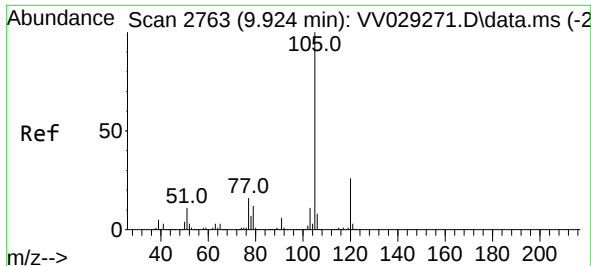
Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

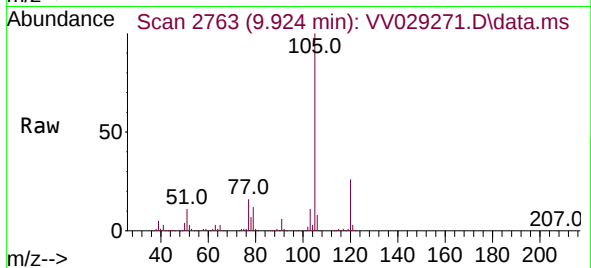
Tgt Ion:	173	Resp:	39383
Ion Ratio	Lower	Upper	
173	100		
175	48.5	39.4	59.2
254	10.2	8.2	12.2



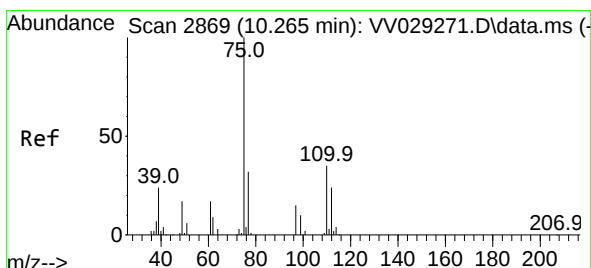
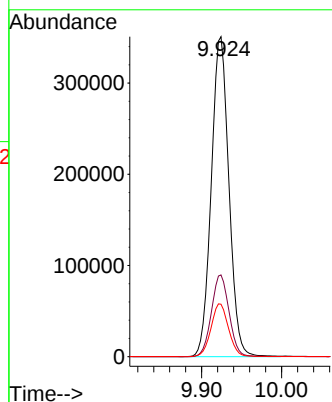
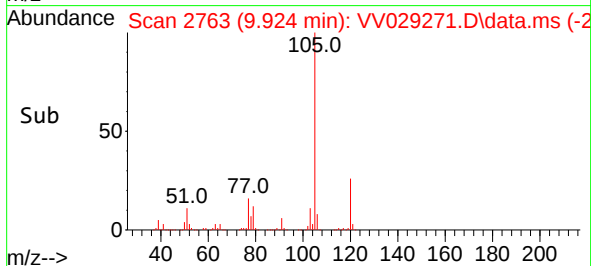


#60
Isopropylbenzene
Concen: 4.921 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

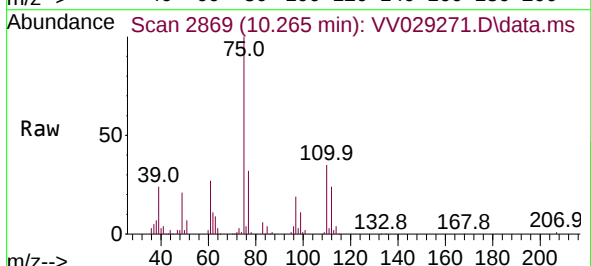
Instrument :
MSVOA_V
ClientSampleId :



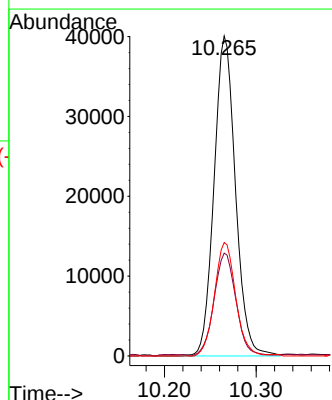
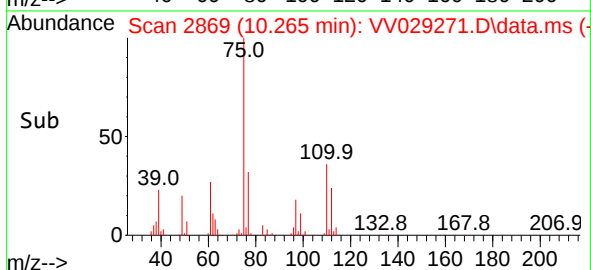
Tgt Ion:105 Resp: 536712
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 16.5 13.0 19.6

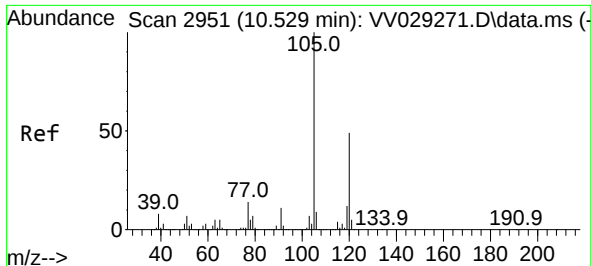


#61
1,2,3-Trichloropropane
Concen: 5.026 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31



Tgt Ion: 75 Resp: 65033
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
110 35.0 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 4.958 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

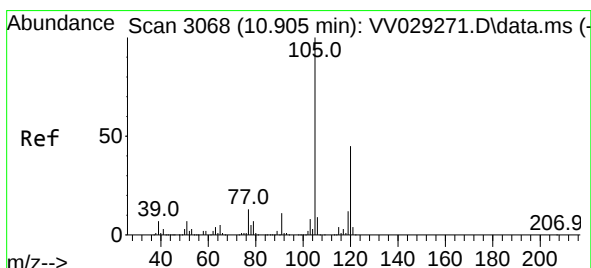
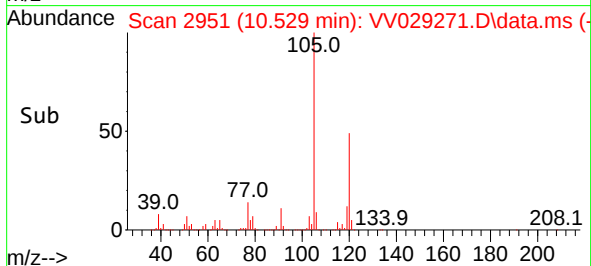
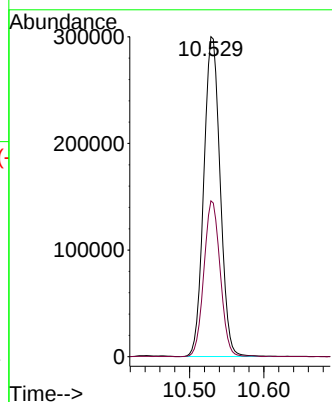
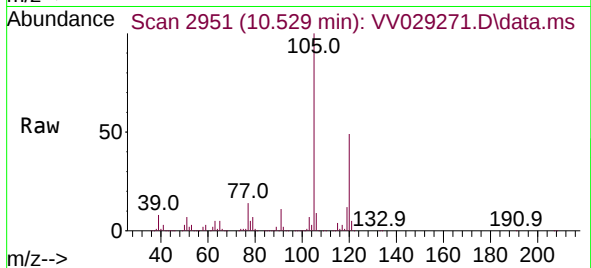
ClientSampleId :

Tgt Ion:105 Resp: 459242

Ion Ratio Lower Upper

105 100

120 48.3 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 4.988 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029271.D

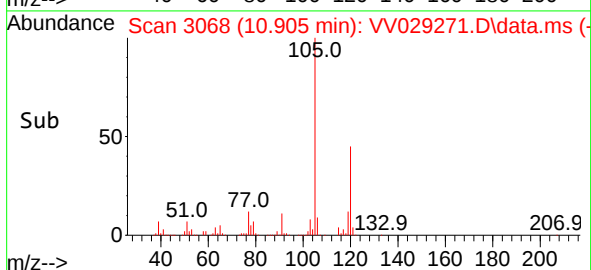
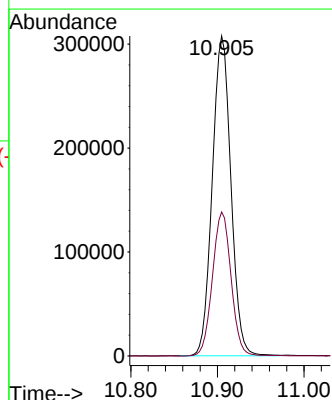
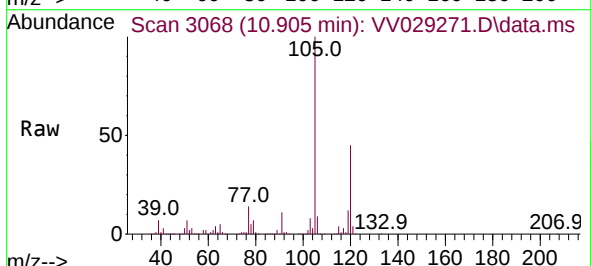
Acq: 22 Nov 2022 18:31

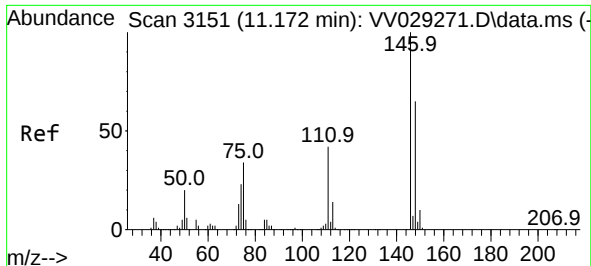
Tgt Ion:105 Resp: 459580

Ion Ratio Lower Upper

105 100

120 45.1 35.6 53.4

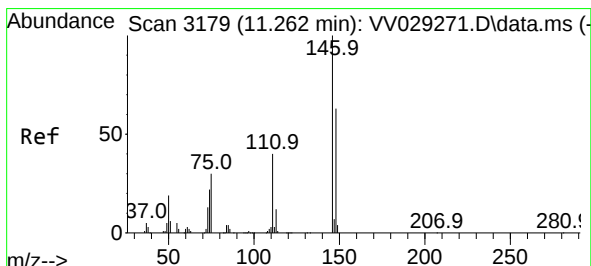
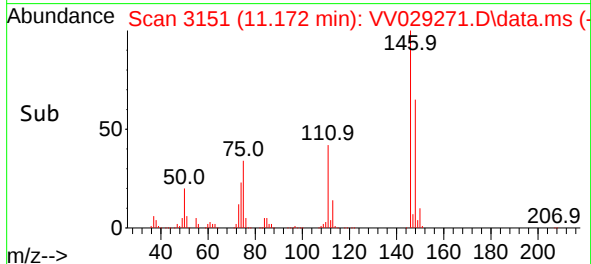
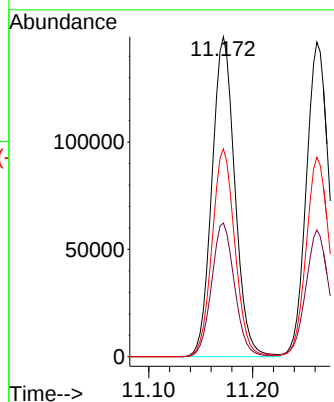
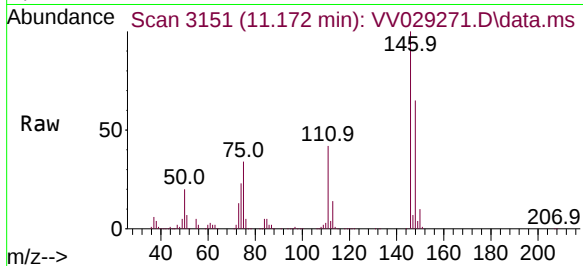




#64
1,3-Dichlorobenzene
Concen: 4.788 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

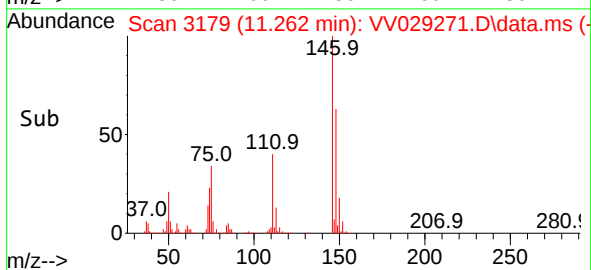
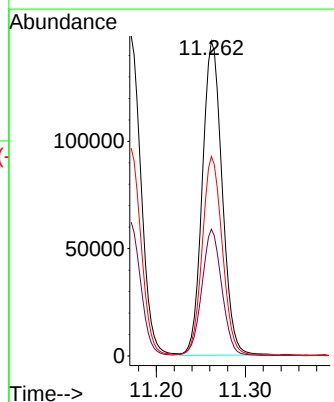
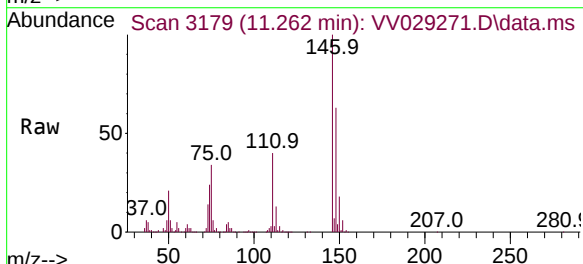
Instrument :
MSVOA_V
ClientSampleId :

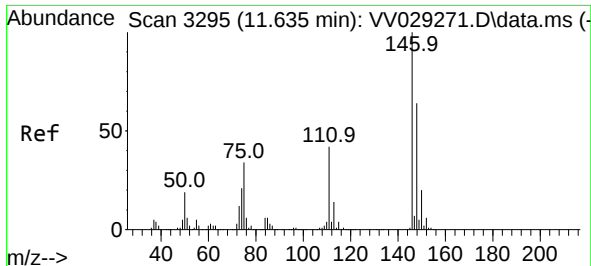
Tgt Ion:146 Resp: 228525
Ion Ratio Lower Upper
146 100
111 41.8 28.6 53.0
148 65.0 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.836 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029271.D
Acq: 22 Nov 2022 18:31

Tgt Ion:146 Resp: 226109
Ion Ratio Lower Upper
146 100
111 40.3 28.5 52.9
148 63.4 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 4.875 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

ClientSampleId :

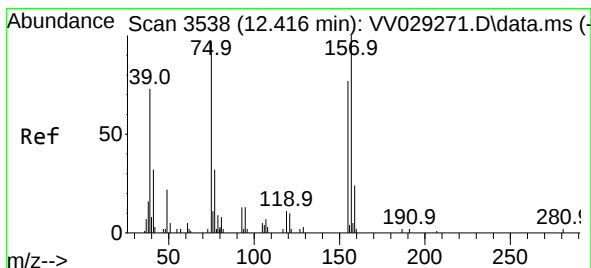
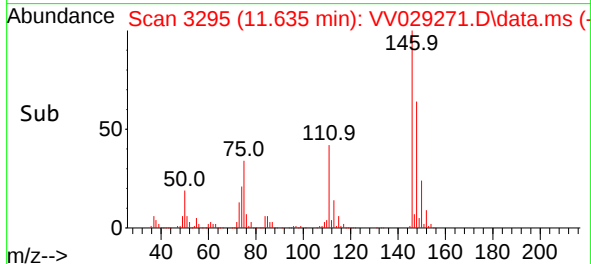
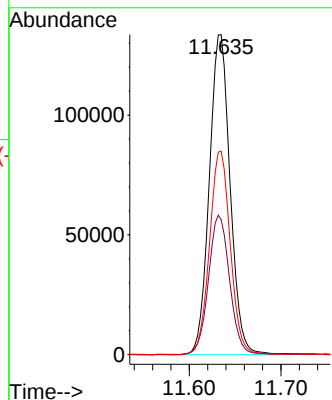
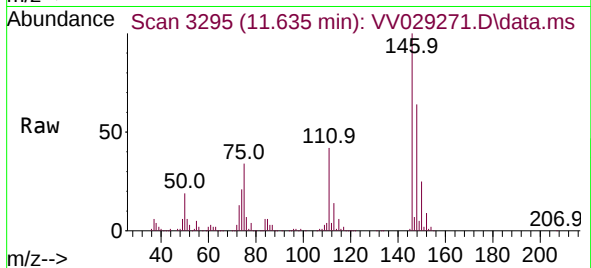
Tgt Ion:146 Resp: 210798

Ion Ratio Lower Upper

146 100

111 42.2 35.6 53.4

148 63.6 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.949 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

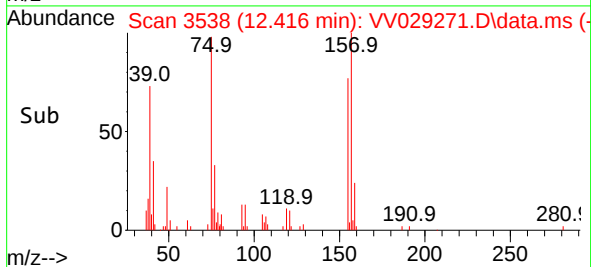
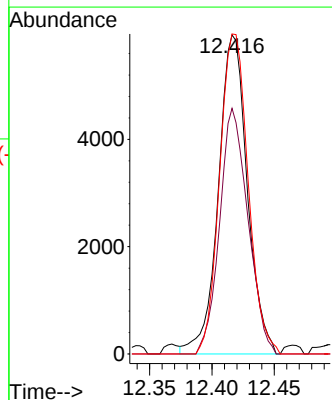
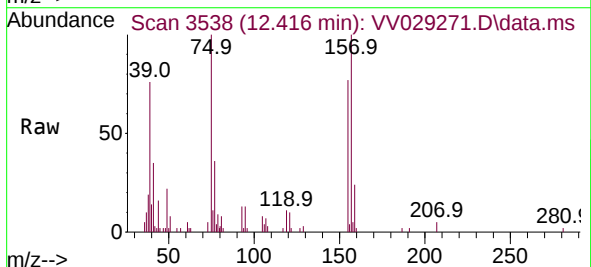
Tgt Ion: 75 Resp: 9617

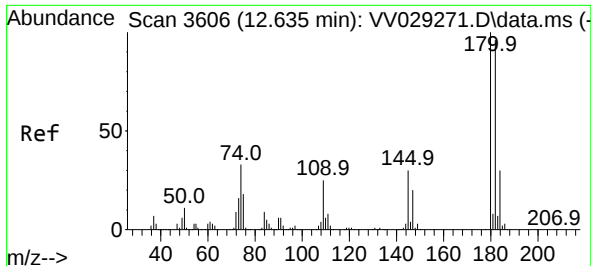
Ion Ratio Lower Upper

75 100

155 77.0 58.4 87.6

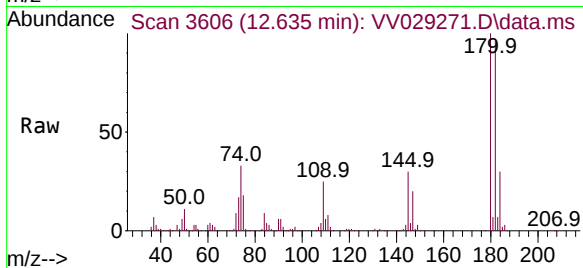
157 100.3 75.5 113.3



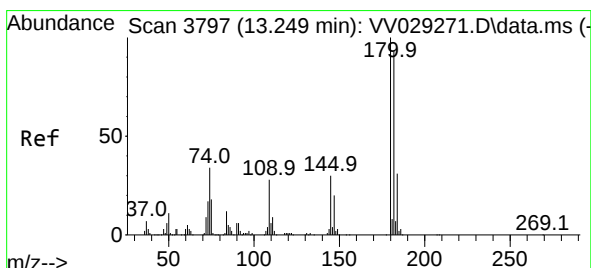
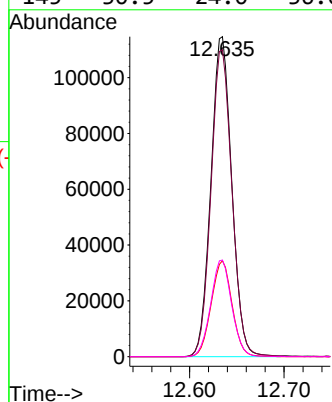
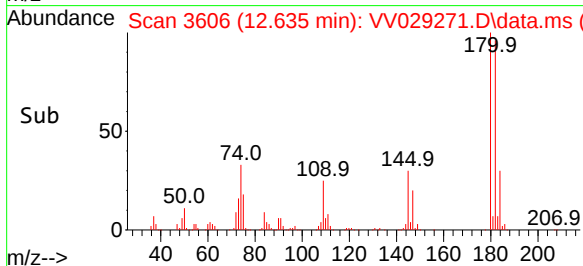


#69
 1,3,5-Trichlorobenzene
 Concen: 4.733 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31

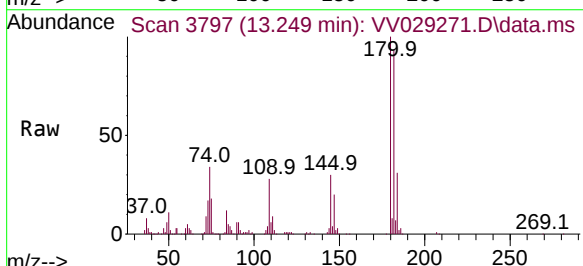
Instrument :
 MSVOA_V
 ClientSampleId :



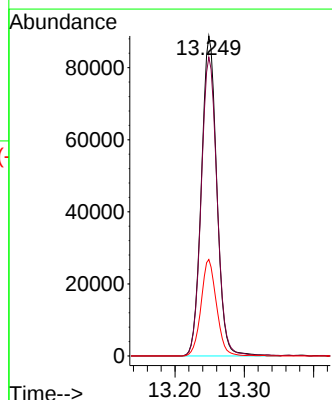
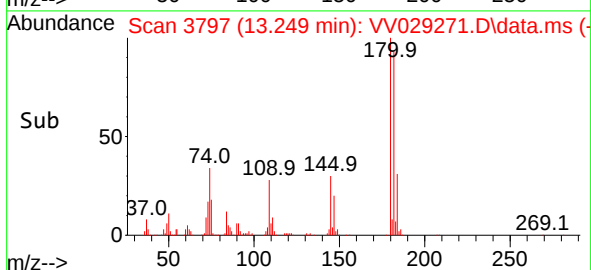
Tgt Ion:180 Resp: 175918
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.9 115.3
 184 29.9 23.9 35.9
 145 30.5 24.0 36.0

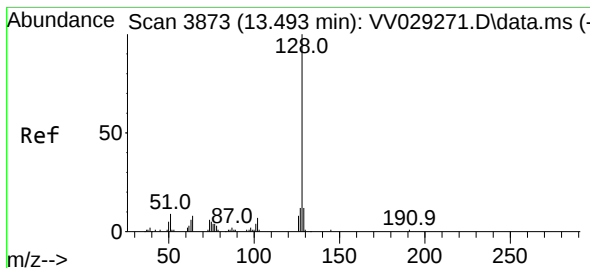


#70
 1,2,4-trichlorobenzene
 Concen: 4.750 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029271.D
 Acq: 22 Nov 2022 18:31



Tgt Ion:180 Resp: 137034
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.4 113.2
 145 30.1 25.0 37.6





#71

Naphthalene

Concen: 3.797 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_V

ClientSampleId :

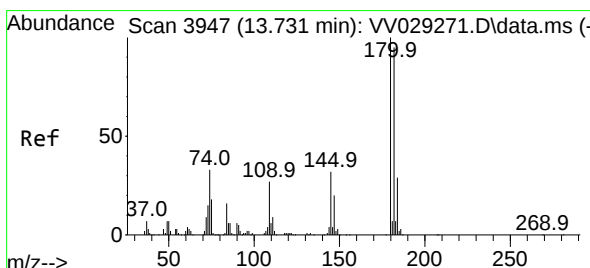
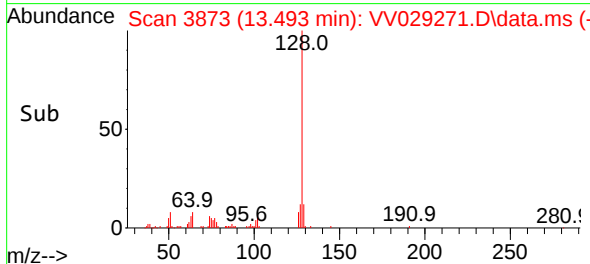
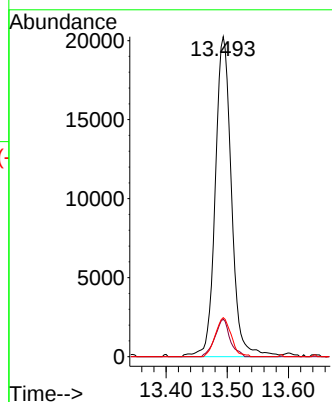
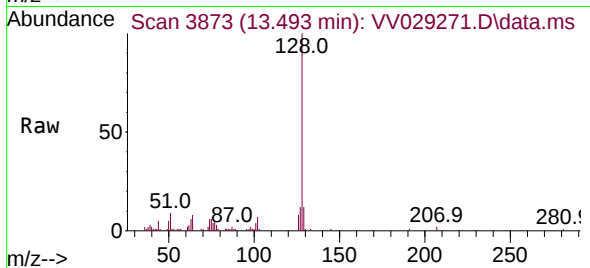
Tgt Ion:128 Resp: 37338

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 11.9 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.862 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029271.D

Acq: 22 Nov 2022 18:31

Tgt Ion:180 Resp: 112919

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 32.3 26.3 39.5

