

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029415.D
 Acq On : 07 Dec 2022 13:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV201

Quant Time: Dec 08 00:53:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	503315	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	455940	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	251299	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	149257	48.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.860%
7) Chloroethane-d5	1.552	69	113672	48.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.740%
11) 1,1-Dichloroethene-d2	2.101	63	234166	48.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.420%
21) 2-Butanone-d5	3.867	46	201367	107.101	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	4.336	84	282202	48.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
26) 1,2-Dichloroethane-d4	5.021	65	162448	49.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
32) Benzene-d6	5.040	84	591178	49.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
36) 1,2-Dichloropropane-d6	6.059	67	177153	48.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.307	98	557638	49.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.240%
43) trans-1,3-Dichloroprop...	7.612	79	92741	49.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.820%
47) 2-Hexanone-d5	8.082	63	171724	109.279	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	266468	50.673	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.340%
66) 1,2-Dichlorobenzene-d4	11.612	152	237921	49.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	211617	53.378	ug/L	100
3) Chloromethane	1.240	50	223174	49.373	ug/L	98
5) Vinyl chloride	1.307	62	195227	51.622	ug/L	97
6) Bromomethane	1.500	94	89181	58.606	ug/L	97
8) Chloroethane	1.571	64	108075	51.321	ug/L	99
9) Trichlorofluoromethane	1.744	101	242230	51.165	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	134523	51.136	ug/L	99
12) 1,1-Dichloroethene	2.111	96	136781	50.842	ug/L	96
13) Acetone	2.153	43	140067	114.357	ug/L	99
14) Carbon disulfide	2.285	76	460561	51.438	ug/L	99
15) Methyl Acetate	2.420	43	146977	52.670	ug/L	98
16) Methylene chloride	2.497	84	169892	50.789	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	160023	51.622	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	494910	52.110	ug/L	100
19) 1,1-Dichloroethane	3.179	63	270547	50.945	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	177767	52.151	ug/L	98
22) 2-Butanone	3.947	43	220318	113.047	ug/L	96
23) Bromochloromethane	4.236	128	90540	51.583	ug/L	99
25) Chloroform	4.362	83	283746	51.538	ug/L	100

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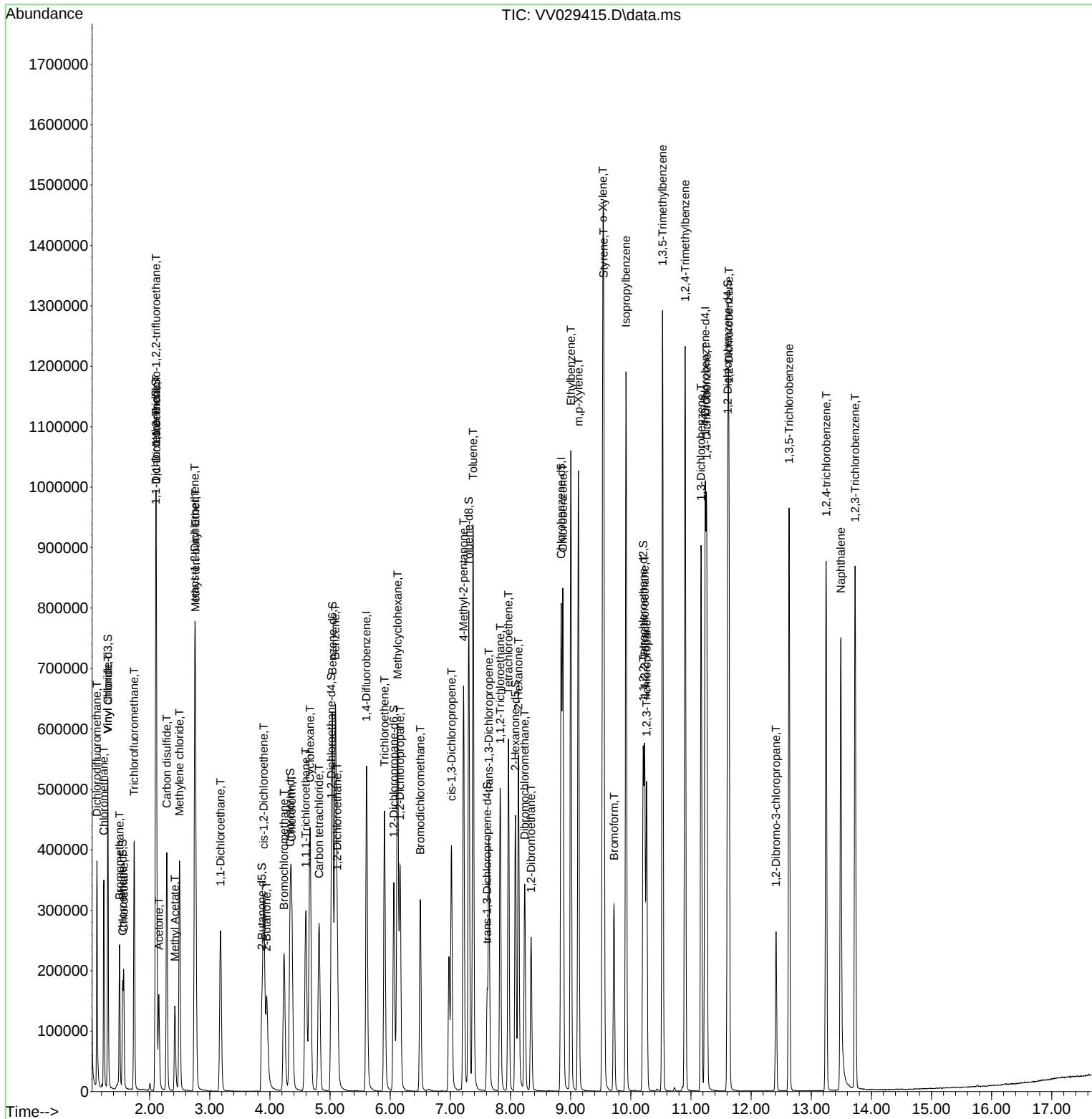
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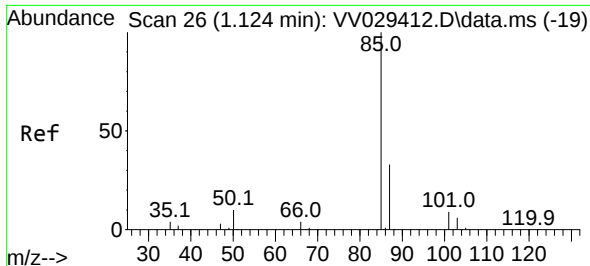
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 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	198707	51.093	ug/L	99
29) Cyclohexane	4.667	56	256566	51.946	ug/L	99
30) 1,1,1-Trichloroethane	4.596	97	251270	50.583	ug/L	100
31) Carbon tetrachloride	4.818	117	218815	50.443	ug/L	99
33) Benzene	5.088	78	665976	51.820	ug/L	100
34) Trichloroethene	5.905	95	165062	51.255	ug/L	98
35) Methylcyclohexane	6.124	83	289498	52.928	ug/L	99
37) 1,2-Dichloropropane	6.162	63	160640	51.788	ug/L	100
38) Bromodichloromethane	6.500	83	215365	50.295	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	262325	51.422	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	413716	111.865	ug/L	99
42) Toluene	7.378	91	710932	51.395	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	251468	52.052	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	162101	50.584	ug/L	97
46) Tetrachloroethene	7.966	164	134426	51.918	ug/L	99
48) 2-Hexanone	8.133	43	323077	114.342	ug/L	99
49) Dibromochloromethane	8.236	129	182316	51.530	ug/L	97
50) 1,2-Dibromoethane	8.342	107	172776	52.333	ug/L	98
51) Chlorobenzene	8.873	112	456824	52.154	ug/L	99
52) Ethylbenzene	9.005	91	762114	52.404	ug/L	100
53) m,p-Xylene	9.130	106	300937	52.283	ug/L	98
54) o-Xylene	9.535	106	297294	52.216	ug/L	99
55) Styrene	9.551	104	527126	53.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	269930	52.657	ug/L	100
59) Bromoform	9.722	173	145422	52.385	ug/L	99
60) Isopropylbenzene	9.921	105	780924	52.929	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	206949	53.351	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	691435	53.002	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	690314	53.383	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	380201	52.703	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	384063	52.385	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	386649	52.413	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	65111	54.007	ug/L	97
69) 1,3,5-Trichlorobenzene	12.632	180	306059	53.311	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	275343	53.935	ug/L	100
71) Naphthalene	13.493	128	689372	59.532	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	273623	54.721	ug/L	100

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

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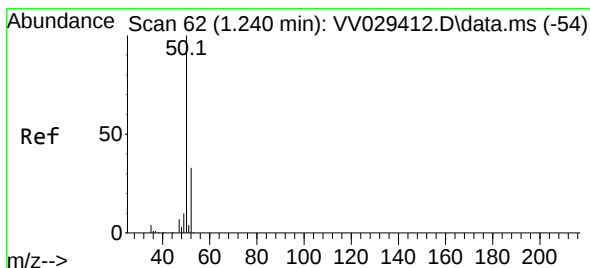
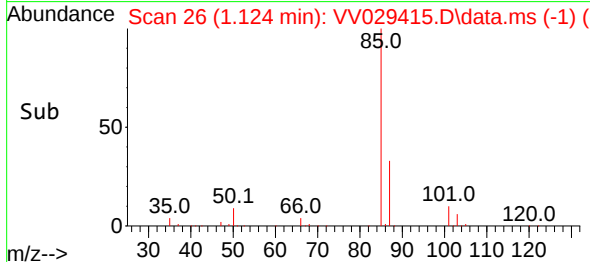
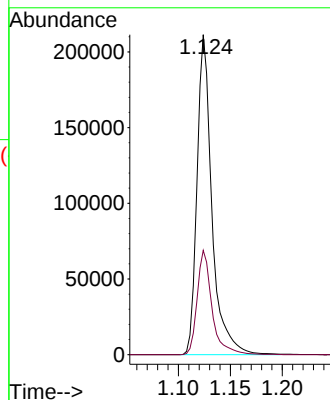
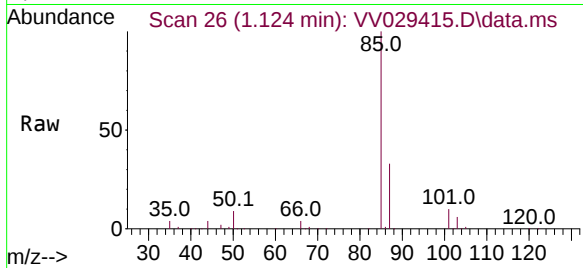




#2
 Dichlorodifluoromethane
 Concen: 53.378 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

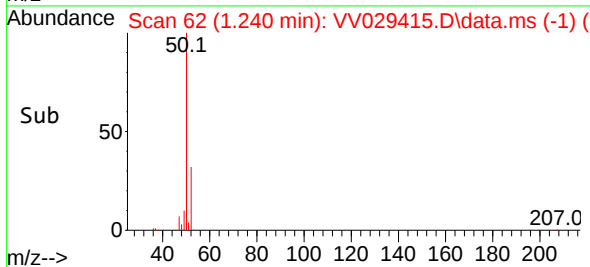
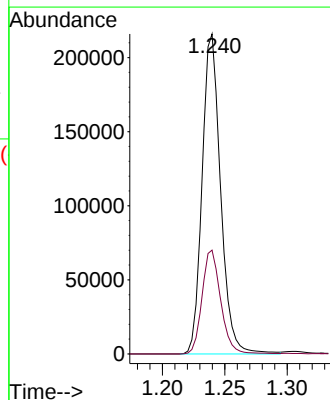
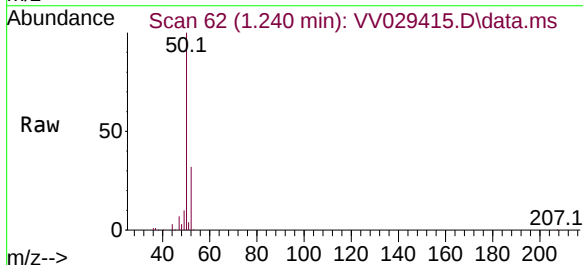
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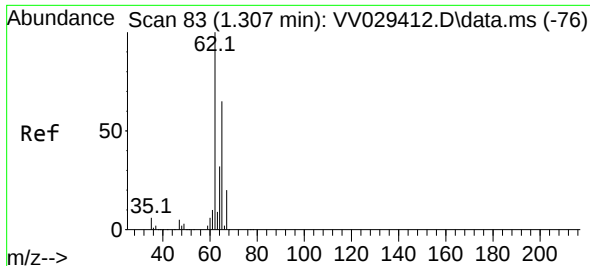
Tgt Ion: 85 Resp: 211617
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 49.373 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

Tgt Ion: 50 Resp: 223174
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.3 43.3

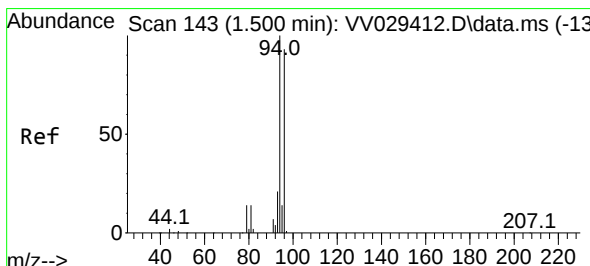
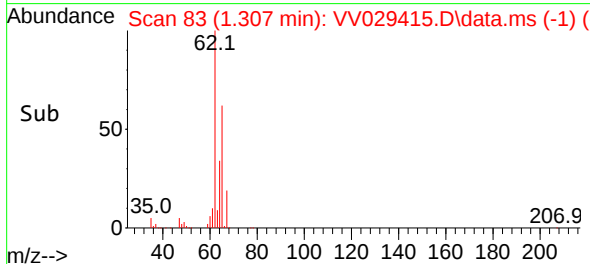
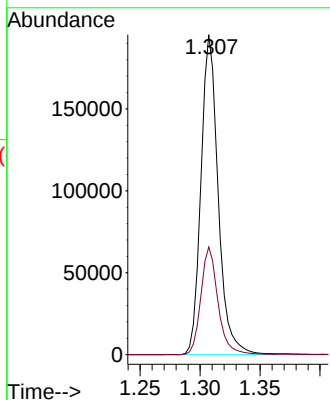
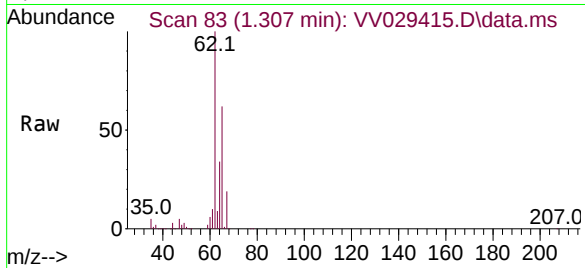




#5
 Vinyl chloride
 Concen: 51.622 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

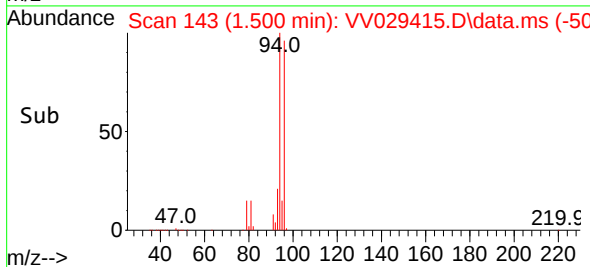
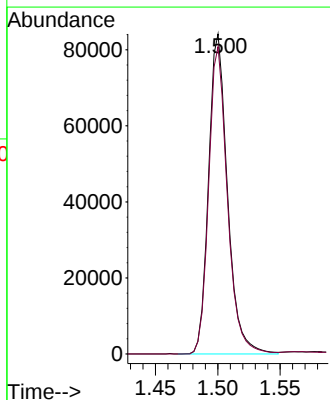
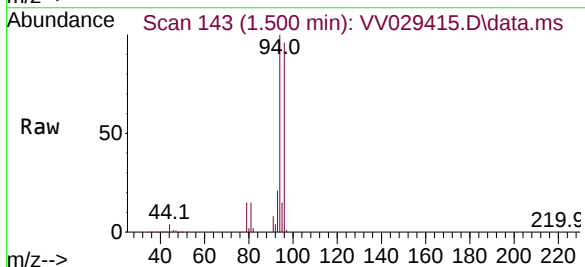
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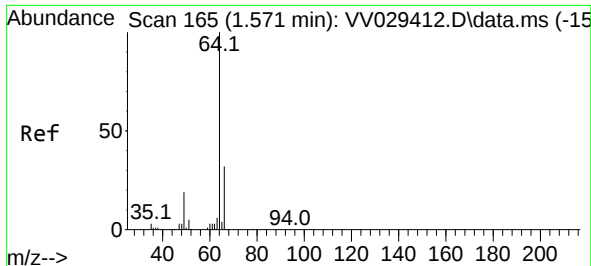
Tgt Ion: 62 Resp: 195227
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.5 41.9



#6
 Bromomethane
 Concen: 58.606 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

Tgt Ion: 94 Resp: 89181
 Ion Ratio Lower Upper
 94 100
 96 96.0 65.1 120.9

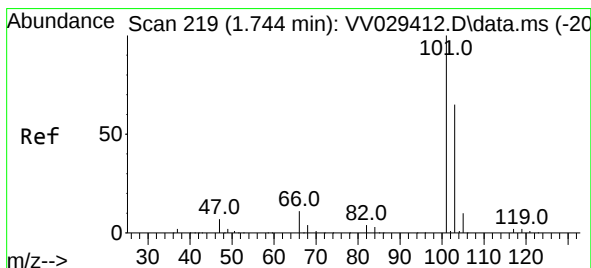
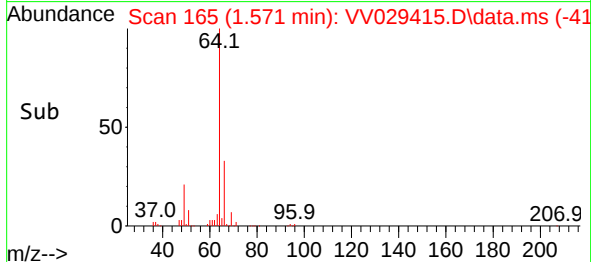
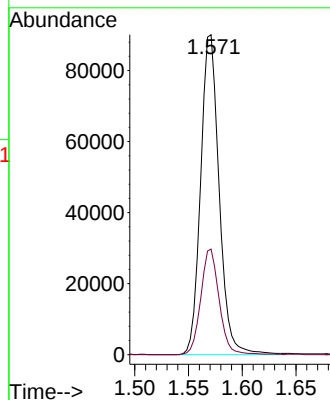
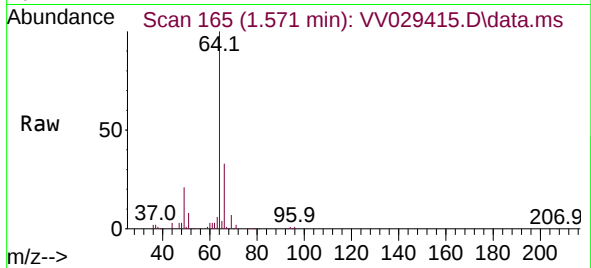




#8
Chloroethane
Concen: 51.321 ug/L
RT: 1.571 min Scan# 165
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

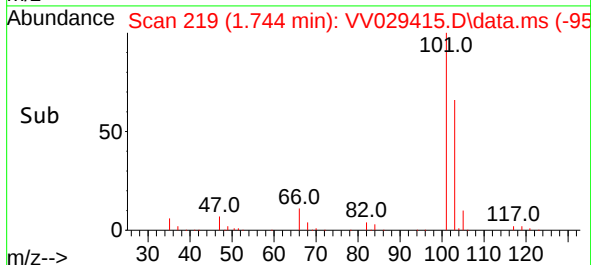
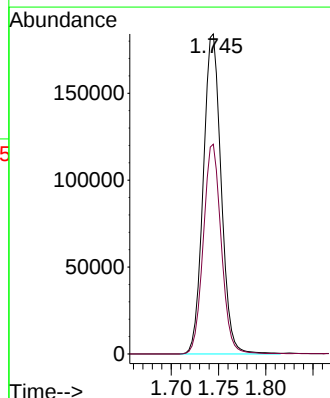
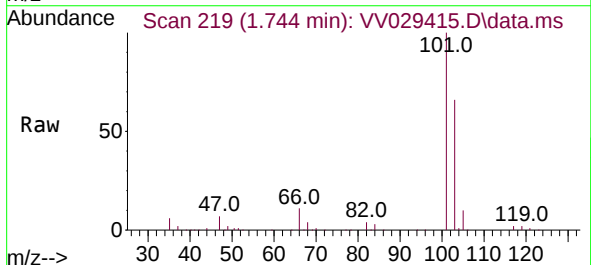
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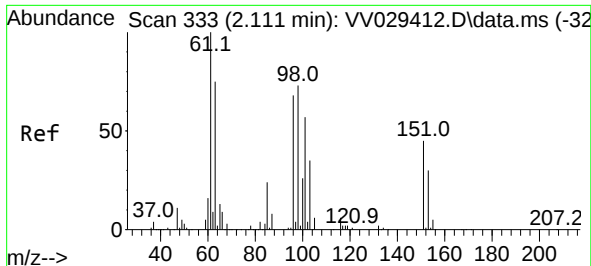
Tgt Ion: 64 Resp: 108075
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 51.165 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion:101 Resp: 242230
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

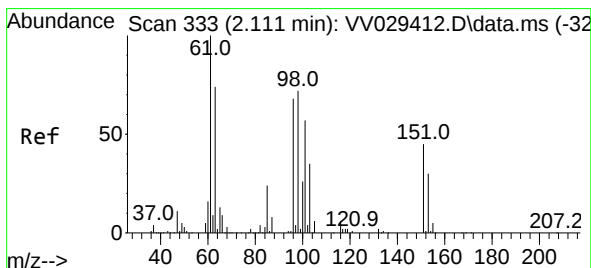
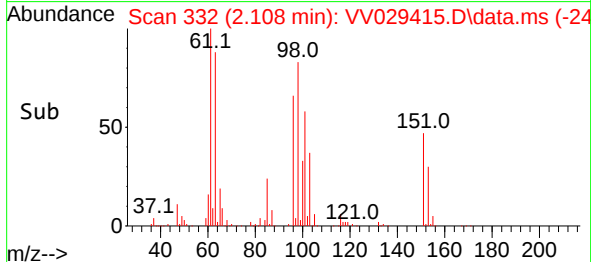
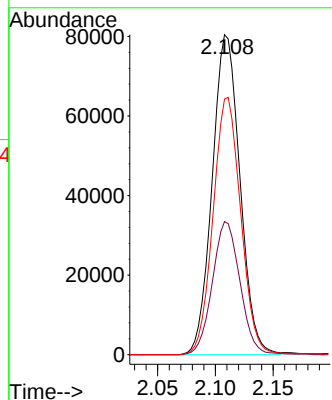
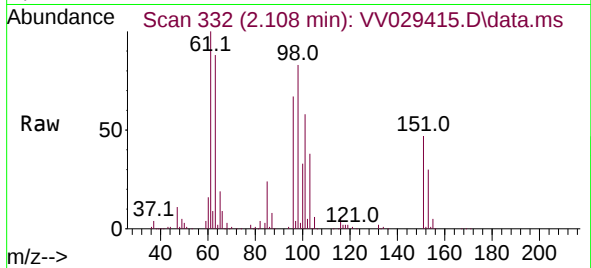




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.136 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

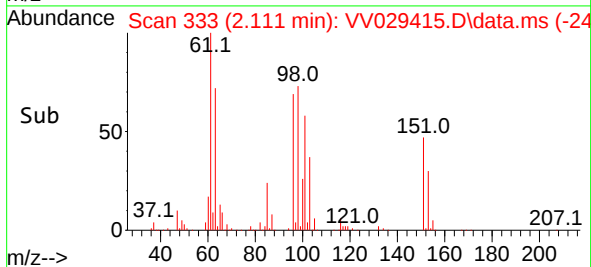
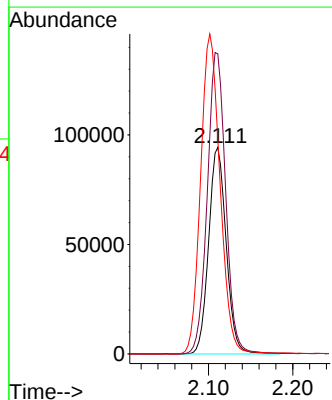
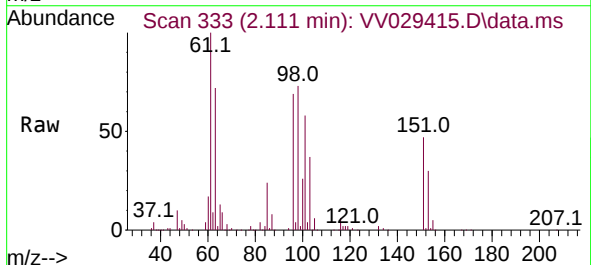
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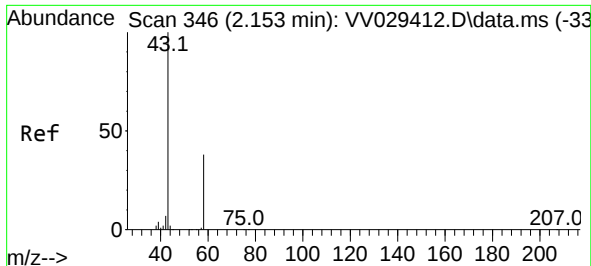
Tgt Ion:101 Resp: 134523
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.6 50.4
 151 80.2 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 50.842 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

Tgt Ion: 96 Resp: 136781
 Ion Ratio Lower Upper
 96 100
 61 145.3 103.3 191.9
 63 104.0 77.3 143.7





#13

Acetone

Concen: 114.357 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

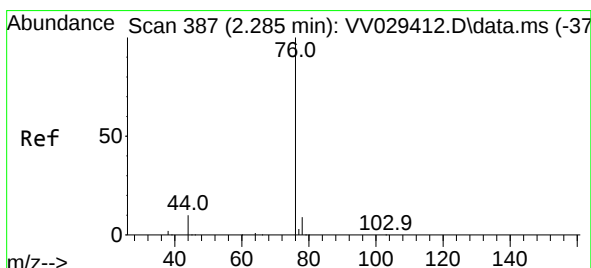
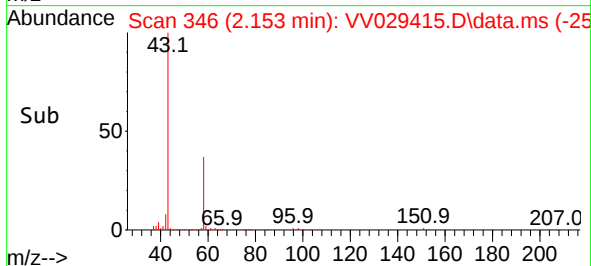
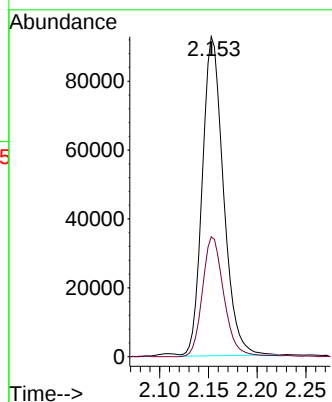
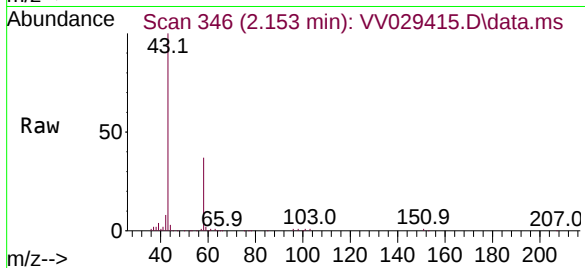
VICV201

Tgt Ion: 43 Resp: 140067

Ion Ratio Lower Upper

43 100

58 38.2 0.0 74.8



#14

Carbon disulfide

Concen: 51.438 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV029415.D

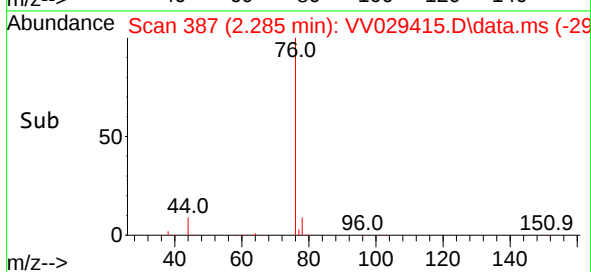
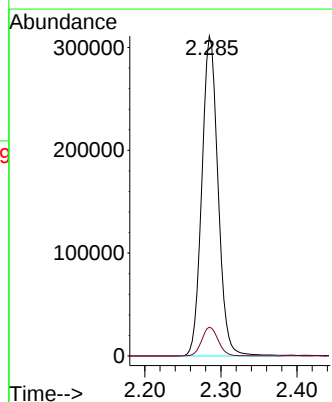
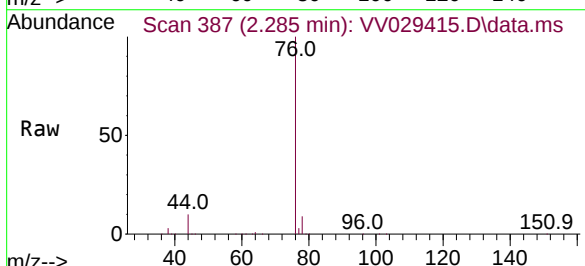
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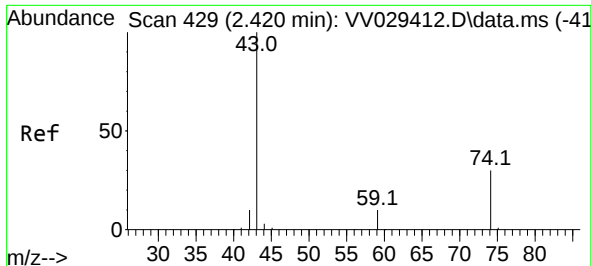
Tgt Ion: 76 Resp: 460561

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

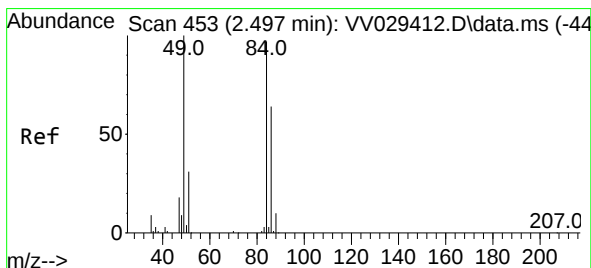
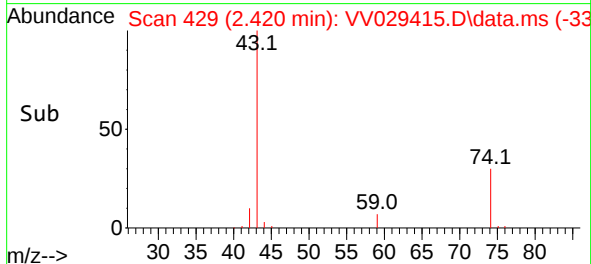
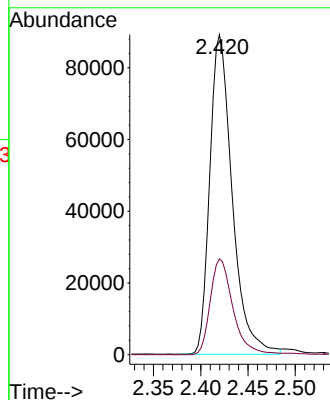
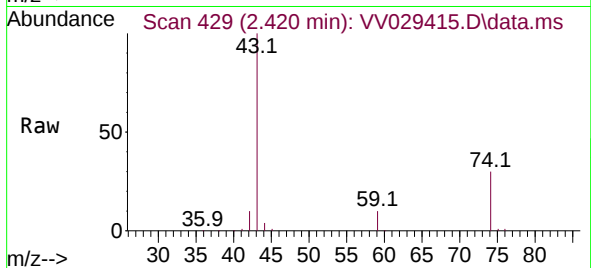




#15
Methyl Acetate
Concen: 52.670 ug/L
RT: 2.420 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

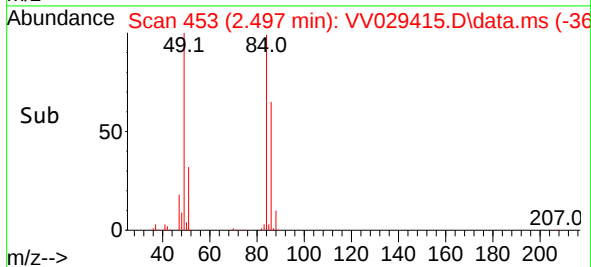
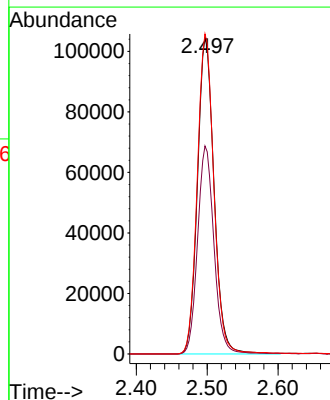
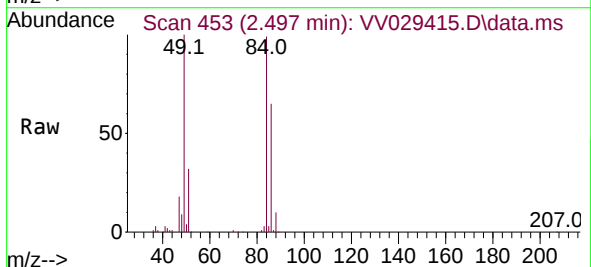
Instrument :
MSVOA_V
ClientSampleId :
VICV201

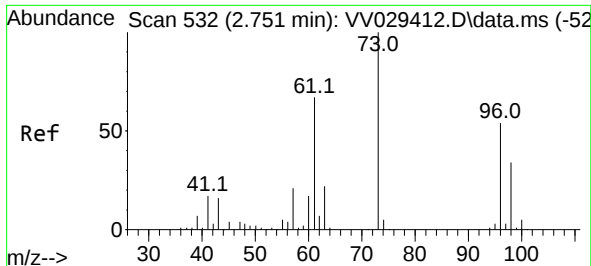
Tgt Ion: 43 Resp: 146977
Ion Ratio Lower Upper
43 100
74 30.4 23.5 35.3



#16
Methylene chloride
Concen: 50.789 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 84 Resp: 169892
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 101.1 72.2 134.0

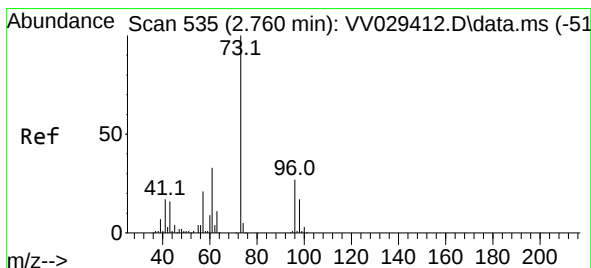
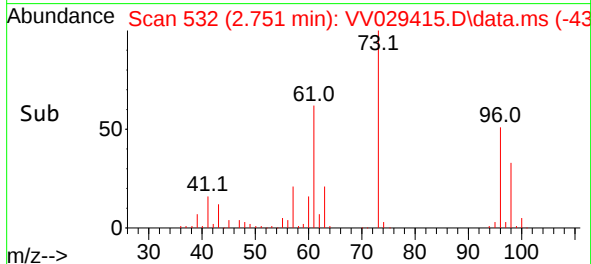
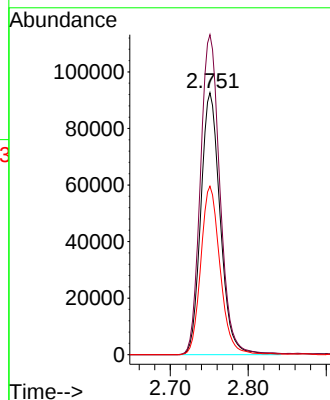
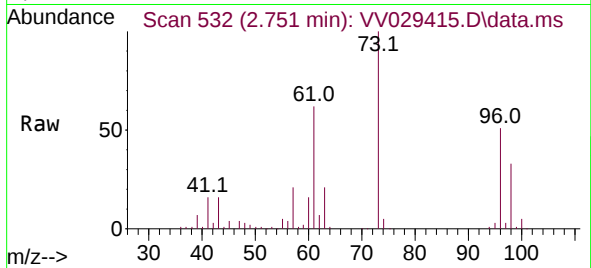




#17
trans-1,2-Dichloroethene
Concen: 51.622 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

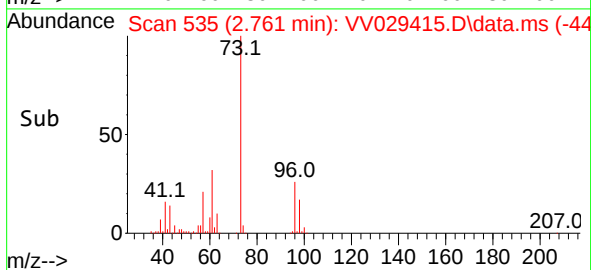
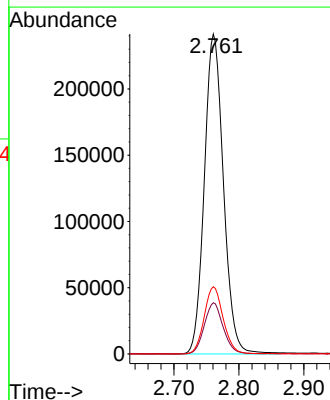
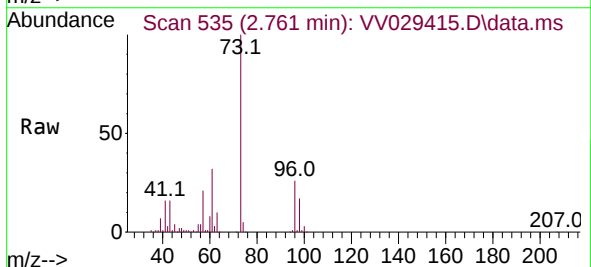
Instrument :
MSVOA_V
ClientSampleId :
VICV201

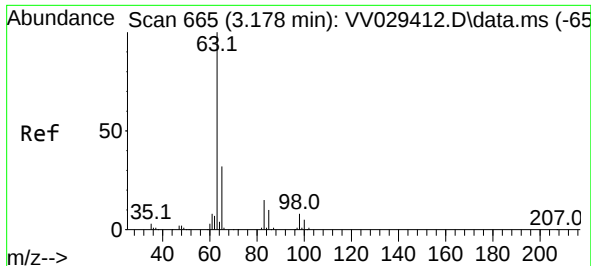
Tgt Ion: 96 Resp: 160023
Ion Ratio Lower Upper
96 100
61 122.1 86.4 160.4
98 64.3 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 52.110 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 73 Resp: 494910
Ion Ratio Lower Upper
73 100
43 15.8 12.7 19.1
57 20.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 50.945 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VICV201

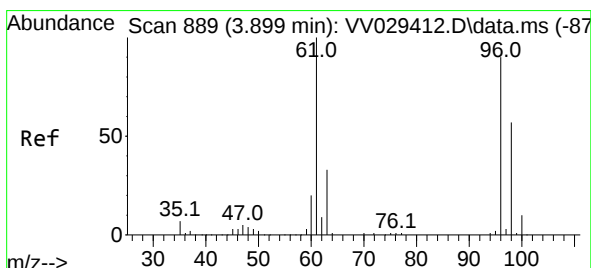
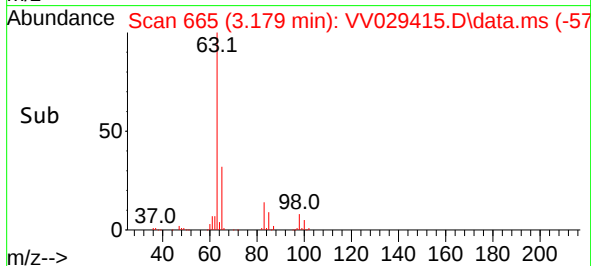
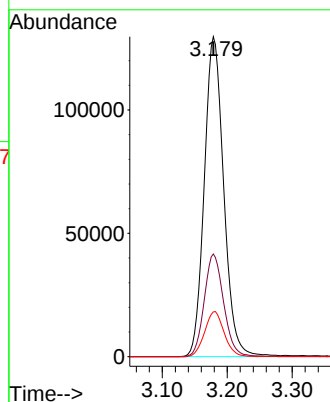
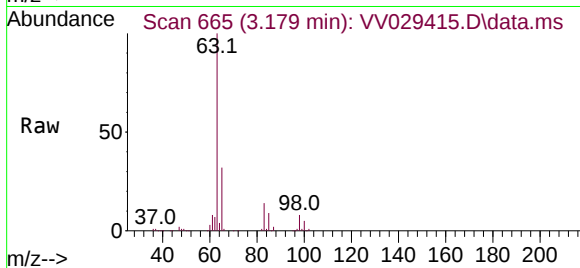
Tgt Ion: 63 Resp: 270547

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.7

83 14.0 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 52.151 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

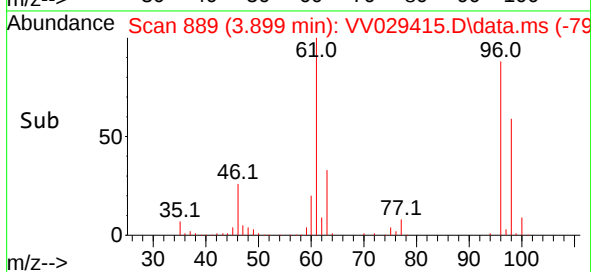
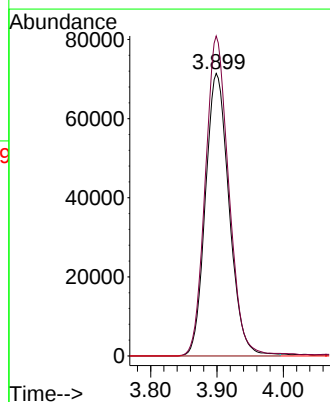
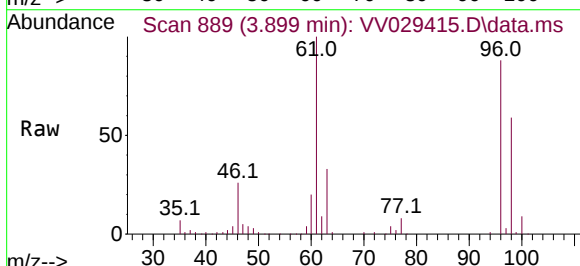
Tgt Ion: 96 Resp: 177767

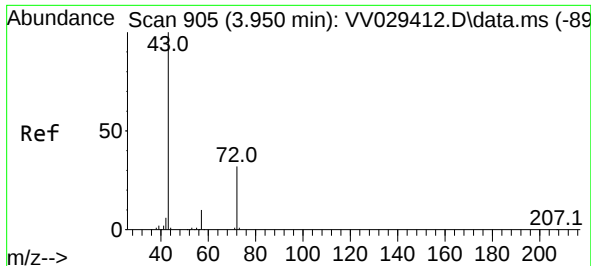
Ion Ratio Lower Upper

96 100

61 113.3 78.0 144.9

68 0.0 0.0 0.0

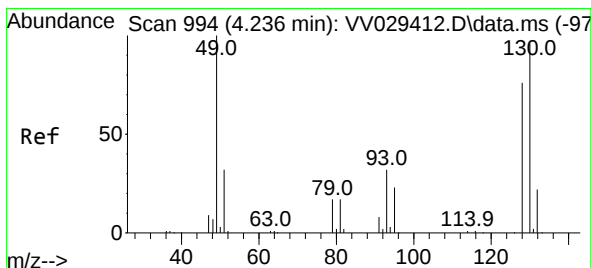
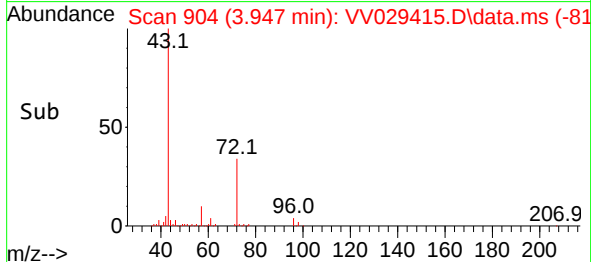
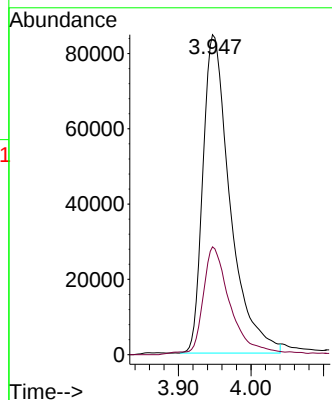
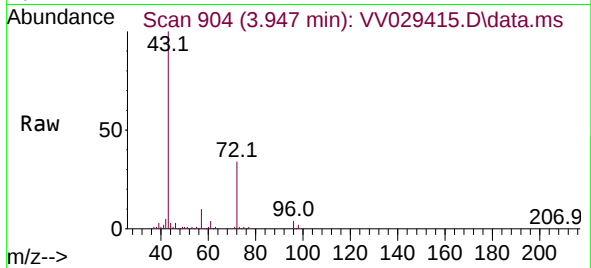




#22
2-Butanone
Concen: 113.047 ug/L
RT: 3.947 min Scan# 905
Delta R.T. -0.003 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

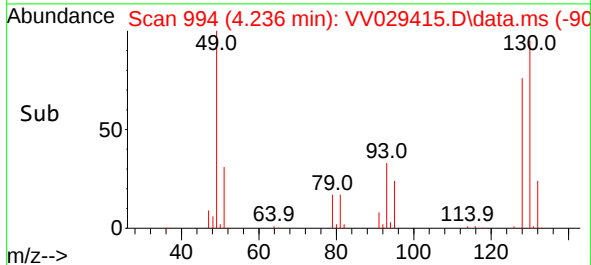
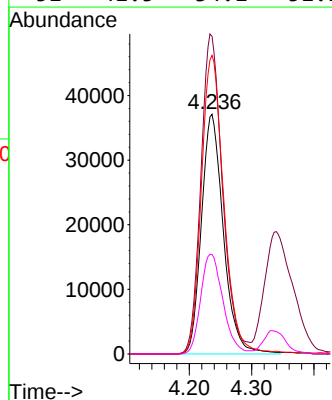
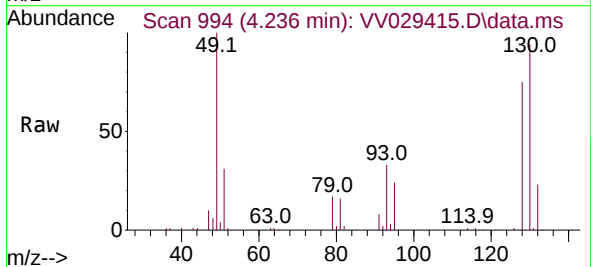
Instrument :
MSVOA_V
ClientSampleId :
VICV201

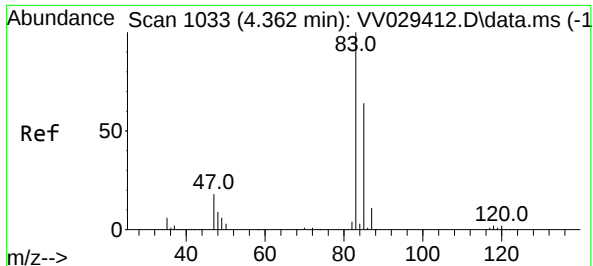
Tgt Ion: 43 Resp: 220318
Ion Ratio Lower Upper
43 100
72 34.0 15.9 47.6



#23
Bromochloromethane
Concen: 51.583 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion:128 Resp: 90540
Ion Ratio Lower Upper
128 100
49 132.6 92.2 171.2
130 124.6 88.3 164.1
51 41.5 34.1 51.1





#25

Chloroform

Concen: 51.538 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

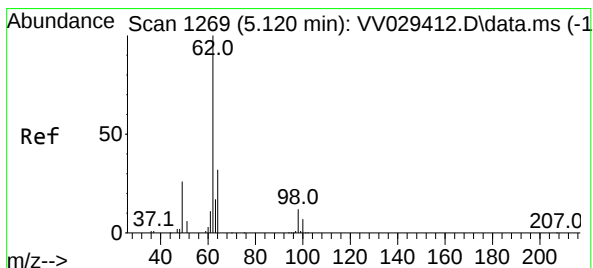
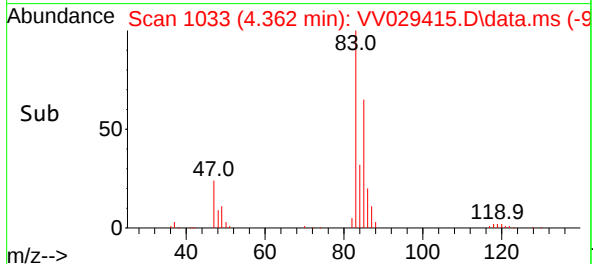
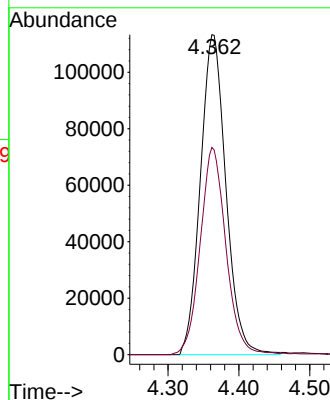
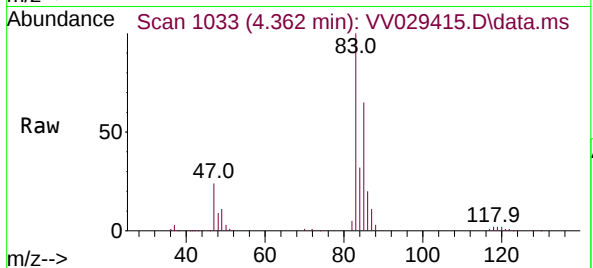
VICV201

Tgt Ion: 83 Resp: 283746

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.9



#27

1,2-Dichloroethane

Concen: 51.093 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VV029415.D

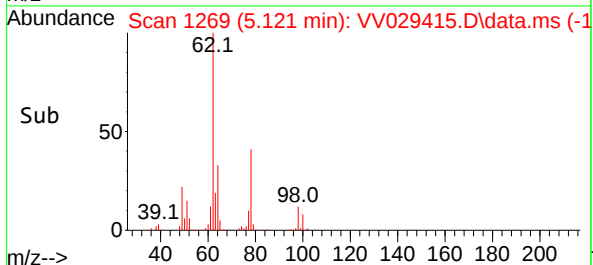
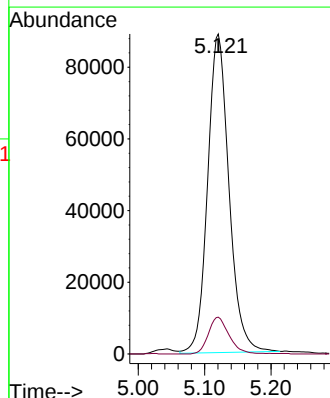
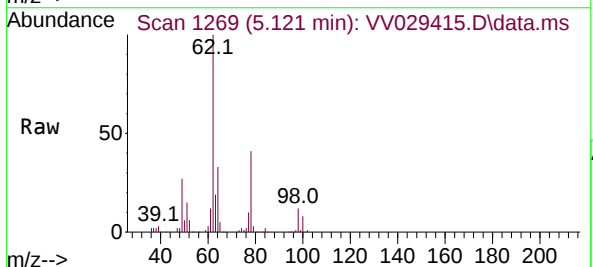
Acq: 07 Dec 2022 13:57

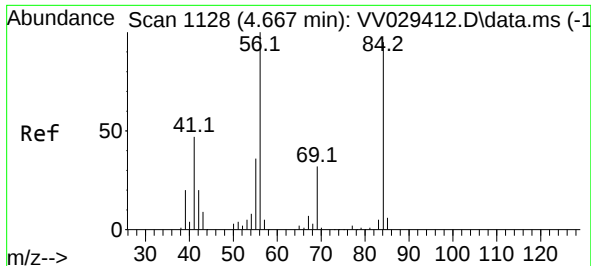
Tgt Ion: 62 Resp: 198707

Ion Ratio Lower Upper

62 100

98 11.5 9.4 14.0

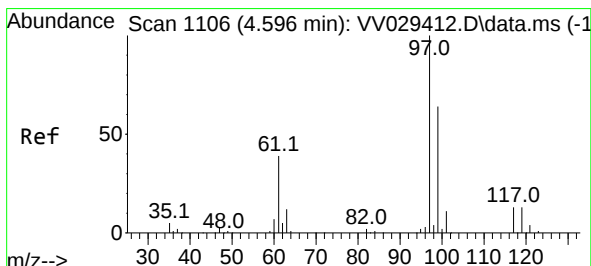
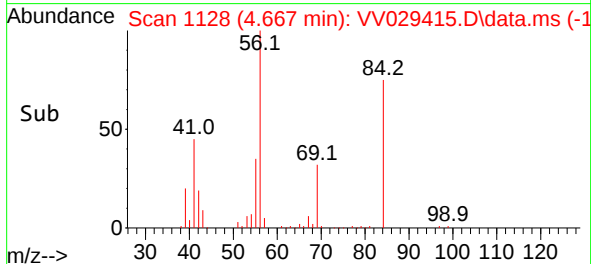
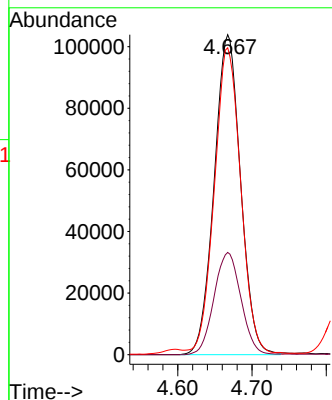
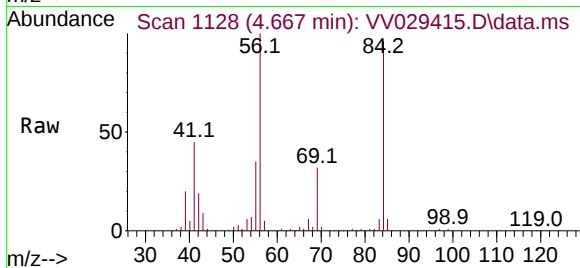




#29
Cyclohexane
Concen: 51.946 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

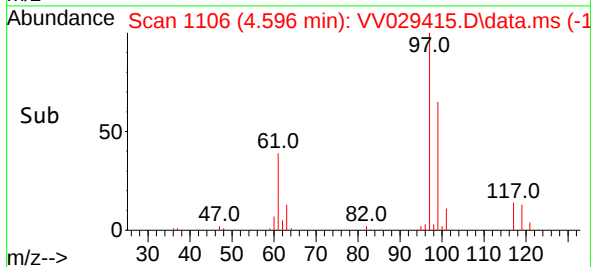
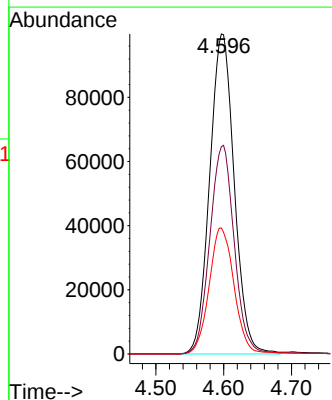
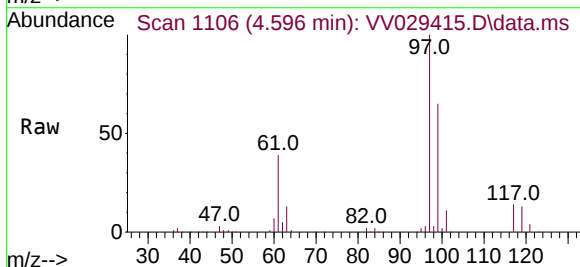
Instrument :
MSVOA_V
ClientSampleId :
VICV201

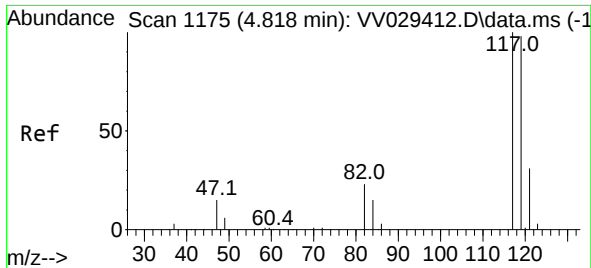
Tgt Ion:	56	Resp:	256566
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.8	38.8
84	94.5	76.6	114.8



#30
1,1,1-Trichloroethane
Concen: 50.583 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion:	97	Resp:	251270
Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.1	78.1
61	39.7	31.8	47.8

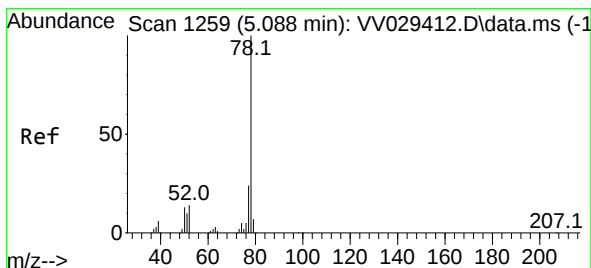
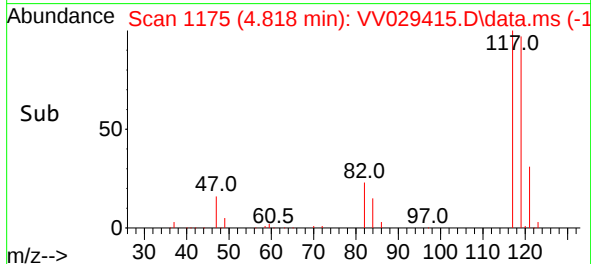
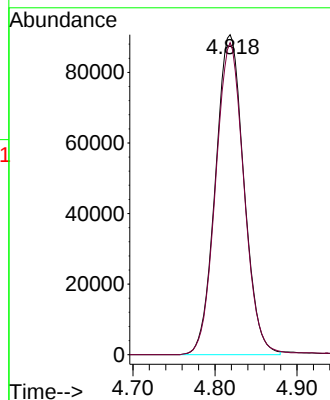
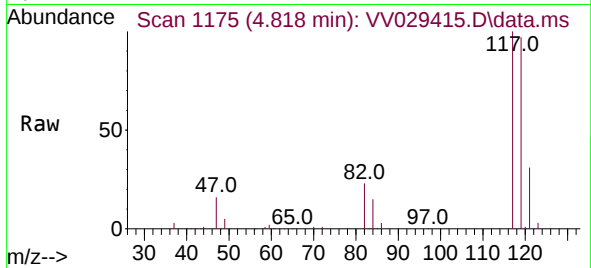




#31
Carbon tetrachloride
Concen: 50.443 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

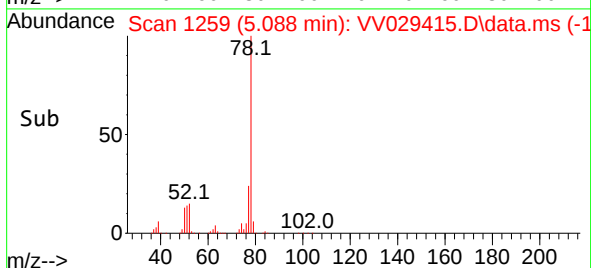
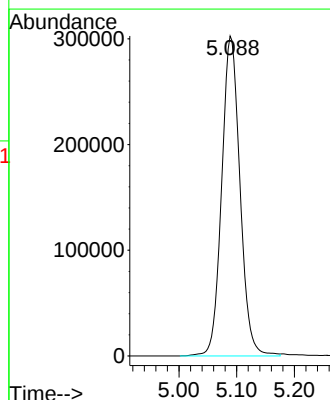
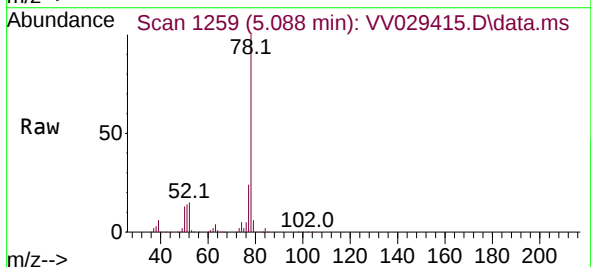
Instrument :
MSVOA_V
ClientSampleId :
VICV201

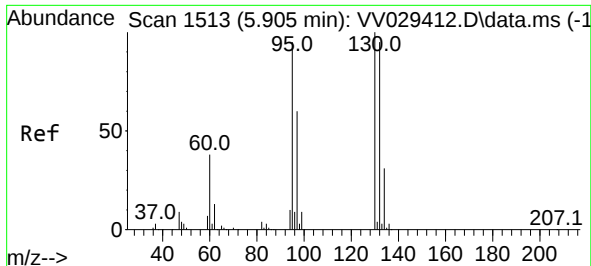
Tgt Ion:117 Resp: 218815
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1



#33
Benzene
Concen: 51.820 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 78 Resp: 665976

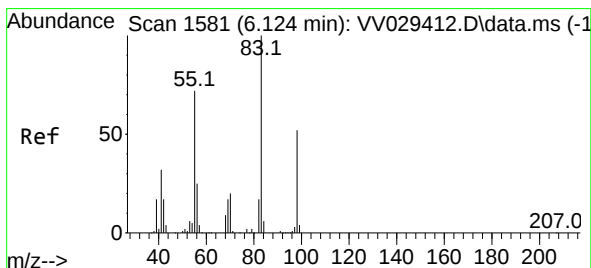
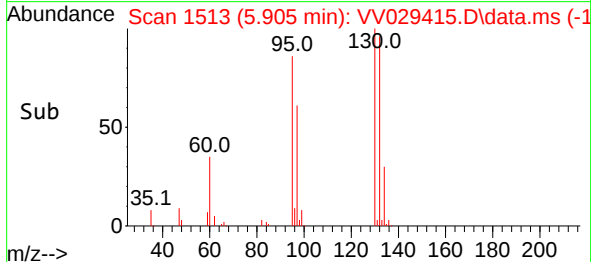
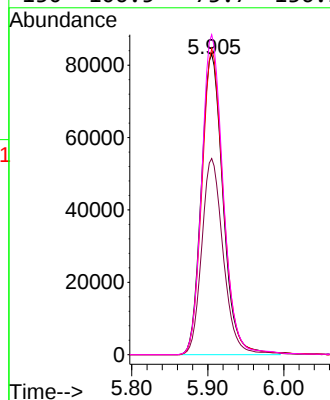
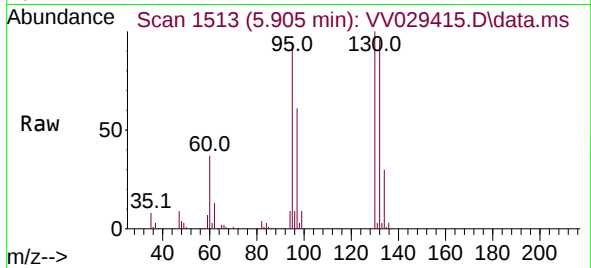




#34
Trichloroethene
Concen: 51.255 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

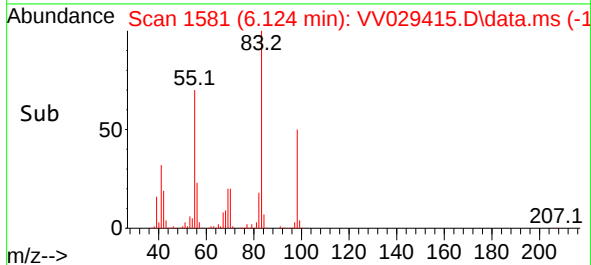
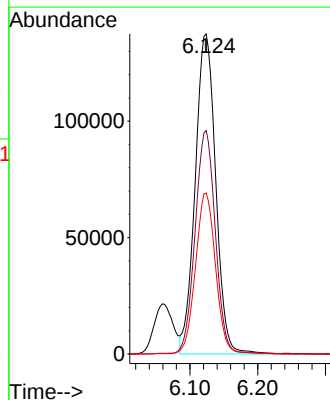
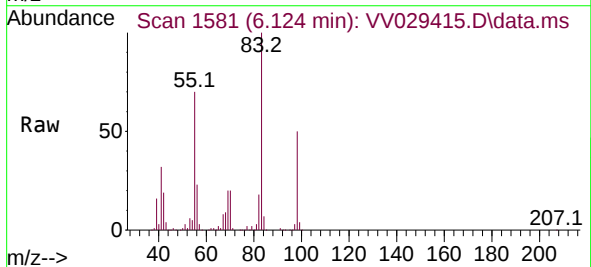
Instrument :
MSVOA_V
ClientSampleId :
VICV201

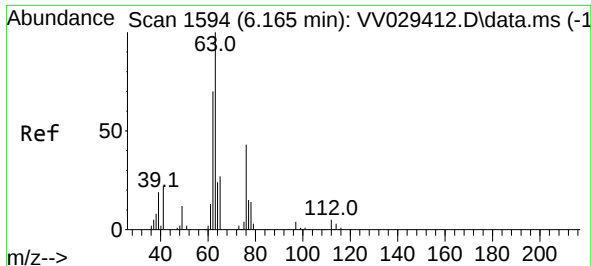
Tgt Ion: 95 Resp: 165062
Ion Ratio Lower Upper
95 100
97 65.3 44.0 81.8
132 101.8 69.9 129.9
130 106.5 73.7 136.9



#35
Methylcyclohexane
Concen: 52.928 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 83 Resp: 289498
Ion Ratio Lower Upper
83 100
55 68.3 55.5 83.3
98 49.6 39.8 59.8





#37

1,2-Dichloropropane

Concen: 51.788 ug/L

RT: 6.162 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

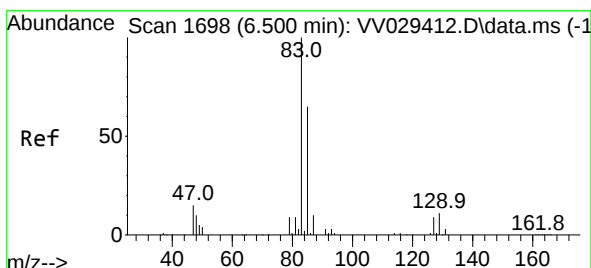
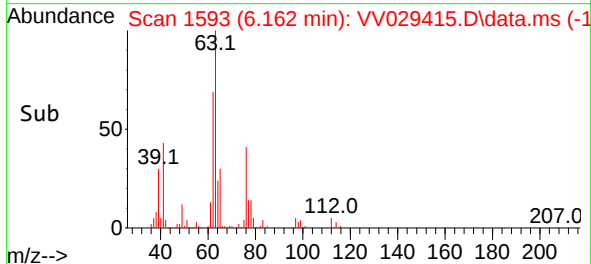
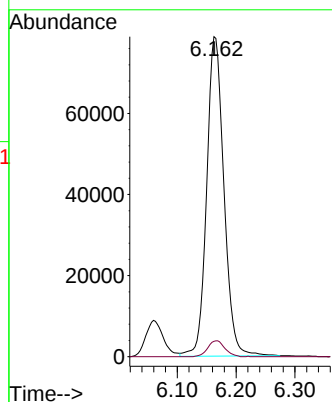
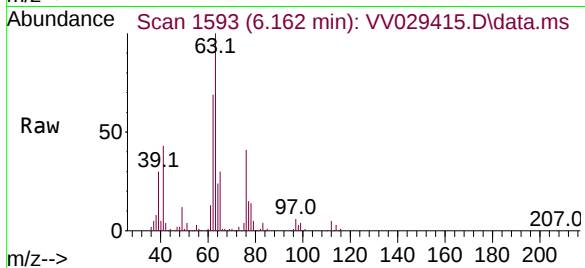
VICV201

Tgt Ion: 63 Resp: 160640

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 50.295 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

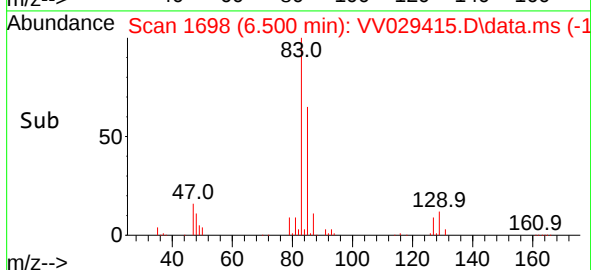
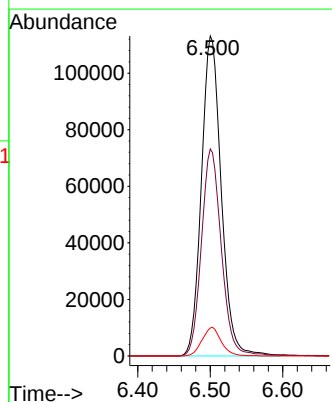
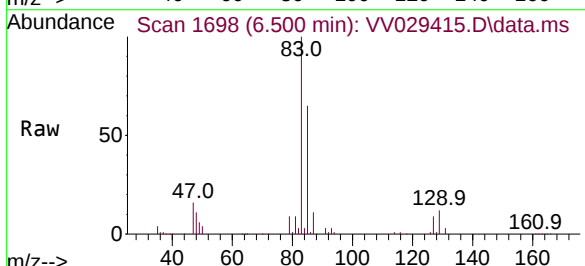
Tgt Ion: 83 Resp: 215365

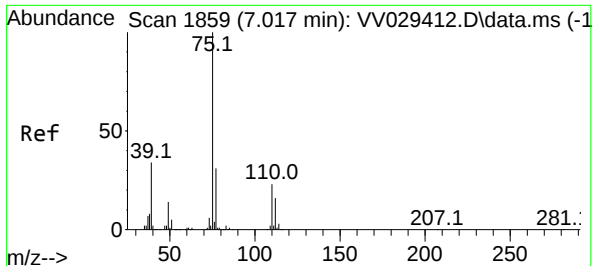
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.422 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

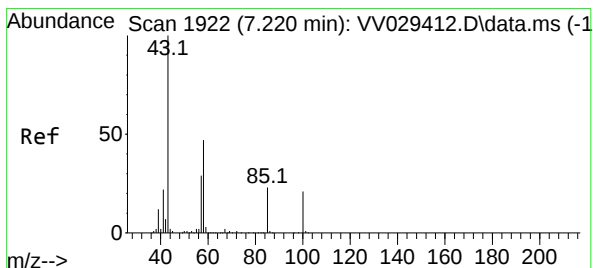
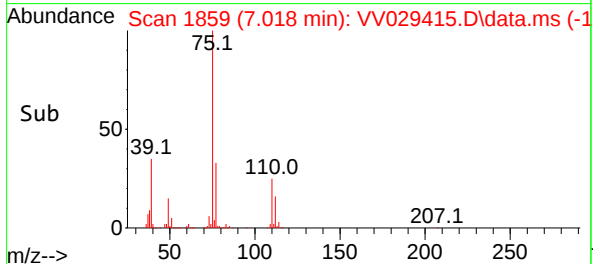
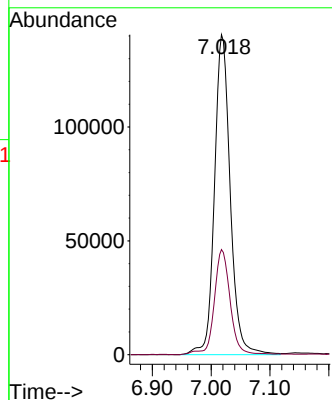
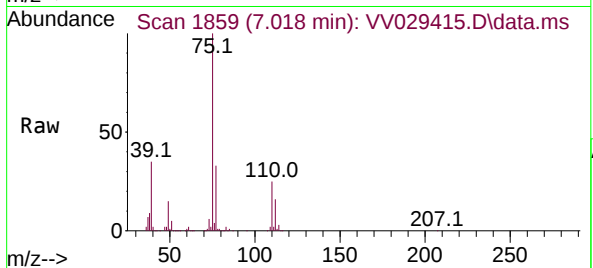
VICV201

Tgt Ion: 75 Resp: 262325

Ion Ratio Lower Upper

75 100

77 32.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 111.865 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

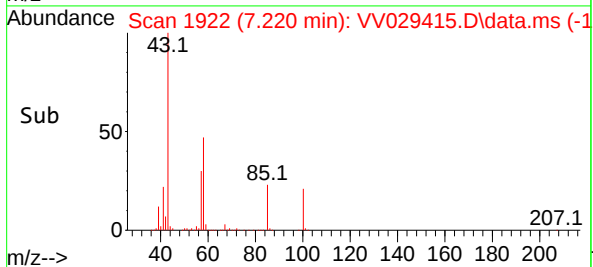
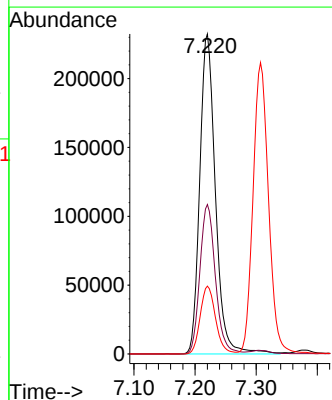
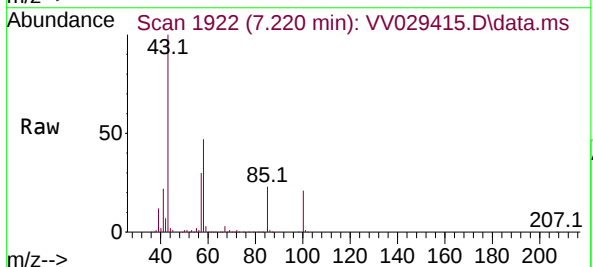
Tgt Ion: 43 Resp: 413716

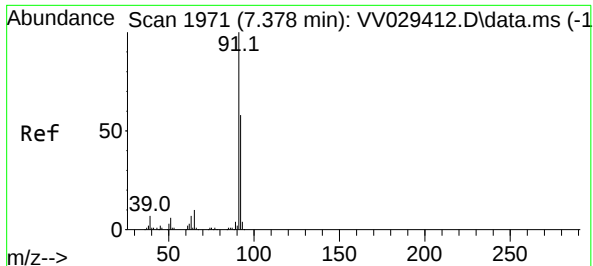
Ion Ratio Lower Upper

43 100

58 46.3 37.5 56.3

100 20.8 16.7 25.1





#42

Toluene

Concen: 51.395 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

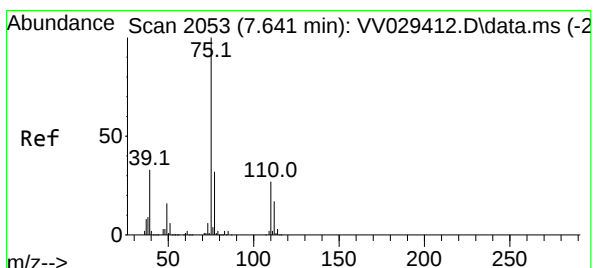
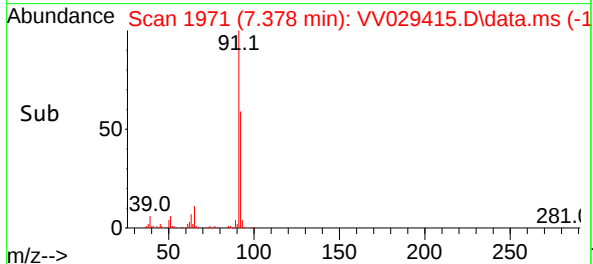
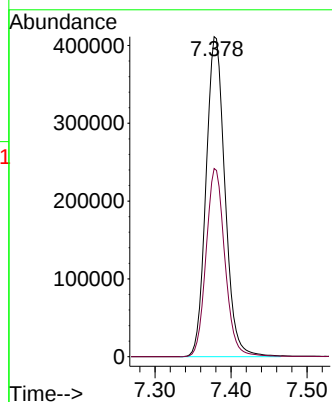
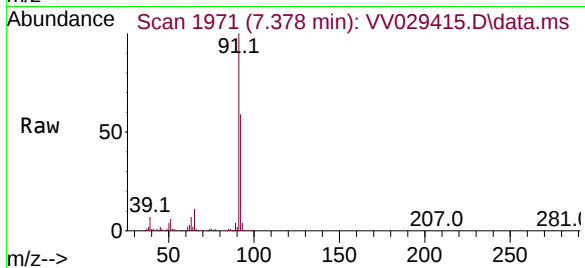
VICV201

Tgt Ion: 91 Resp: 710932

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 52.052 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029415.D

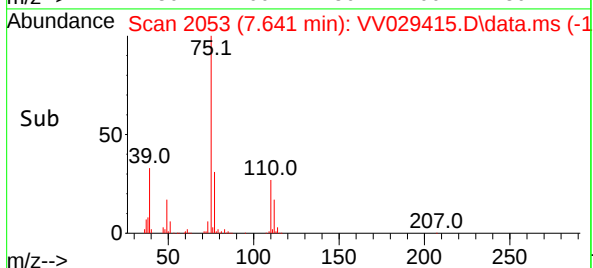
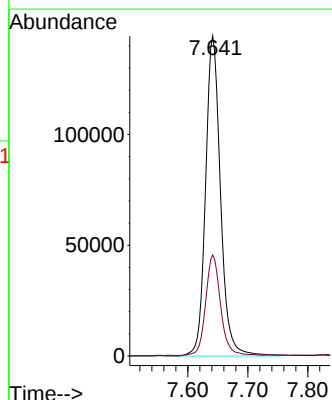
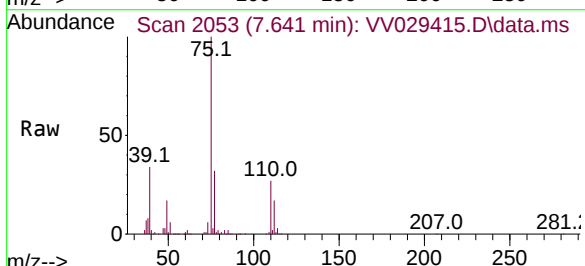
Acq: 07 Dec 2022 13:57

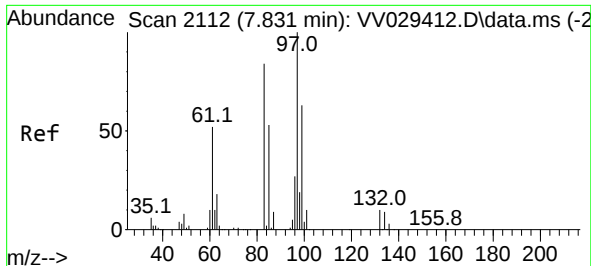
Tgt Ion: 75 Resp: 251468

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



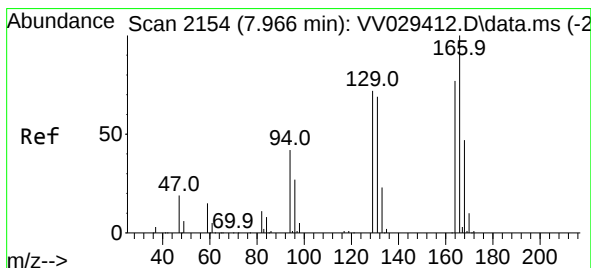
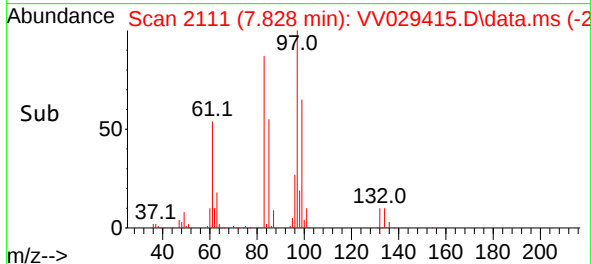
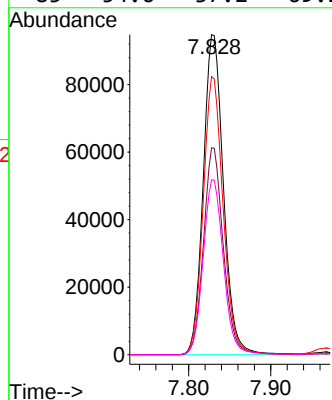
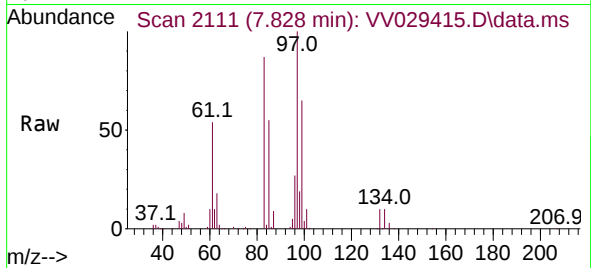


#45
1,1,2-Trichloroethane
Concen: 50.584 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Instrument :
MSVOA_V
ClientSampleId :
VICV201

Tgt Ion: 97 Resp: 162101

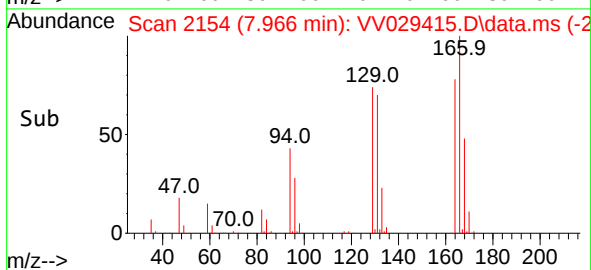
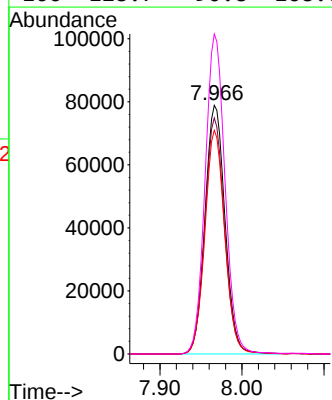
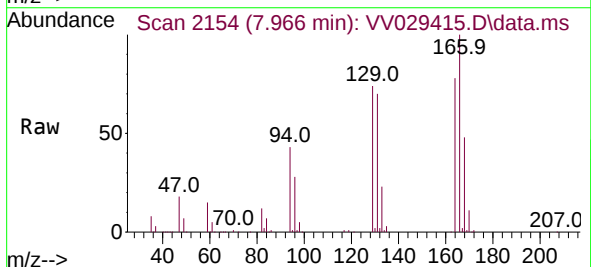
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.8	81.3
83	86.9	58.6	108.8
85	54.6	37.2	69.2

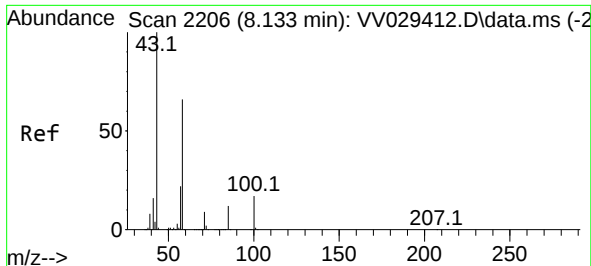


#46
Tetrachloroethene
Concen: 51.918 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 164 Resp: 134426

Ion	Ratio	Lower	Upper
164	100		
129	94.9	65.3	121.3
131	89.9	63.1	117.1
166	128.7	90.8	168.6

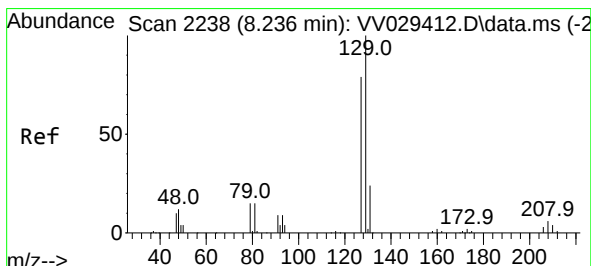
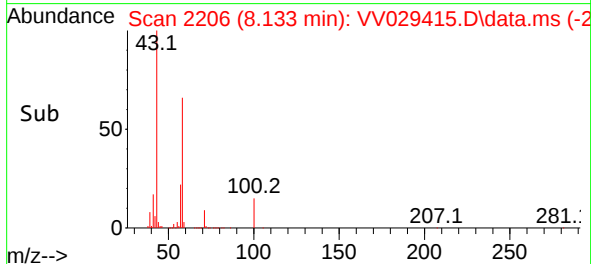
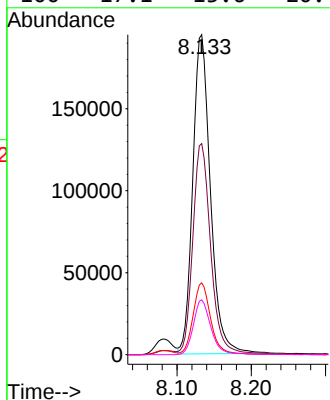
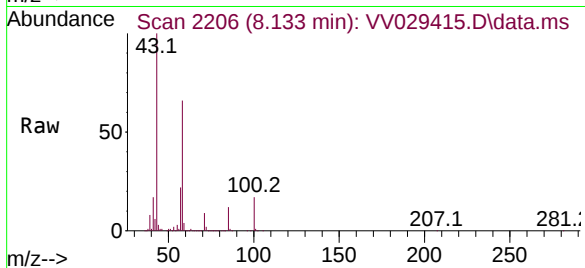




#48
2-Hexanone
Concen: 114.342 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

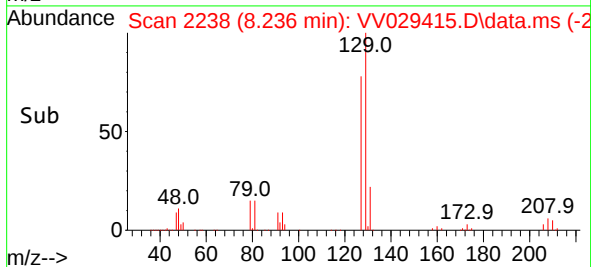
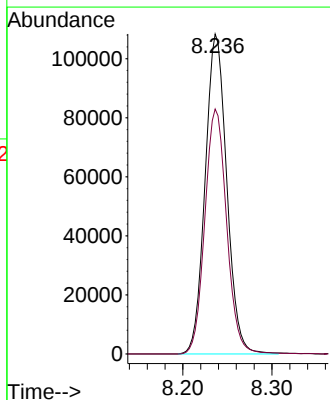
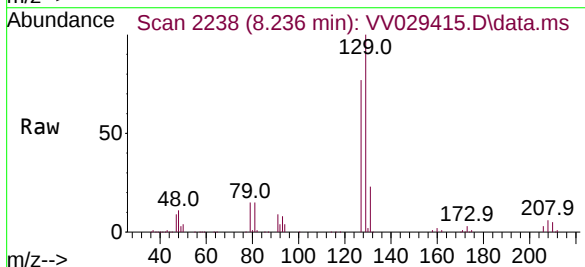
Instrument :
MSVOA_V
ClientSampleId :
VICV201

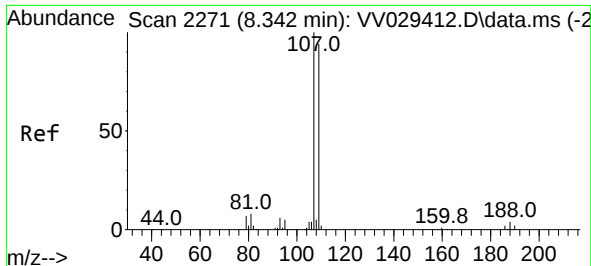
Tgt Ion: 43 Resp: 323077
Ion Ratio Lower Upper
43 100
58 67.0 54.1 81.1
57 22.1 17.4 26.0
100 17.1 13.6 20.4



#49
Dibromochloromethane
Concen: 51.530 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 129 Resp: 182316
Ion Ratio Lower Upper
129 100
127 76.5 55.2 102.4





#50

1,2-Dibromoethane

Concen: 52.333 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VICV201

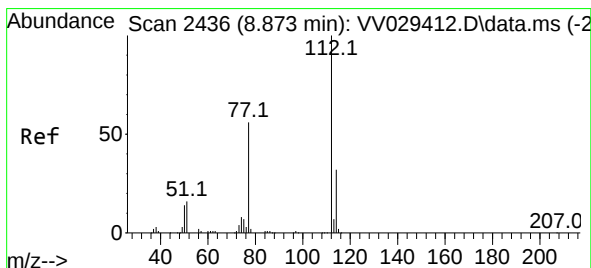
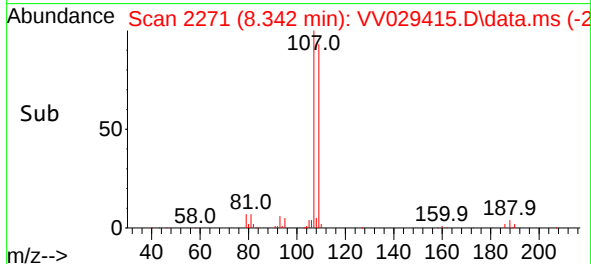
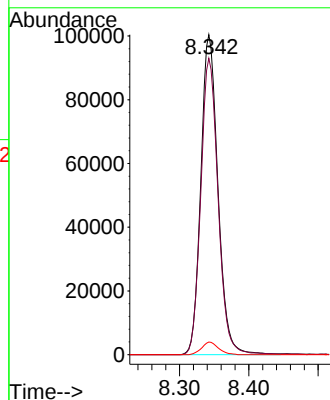
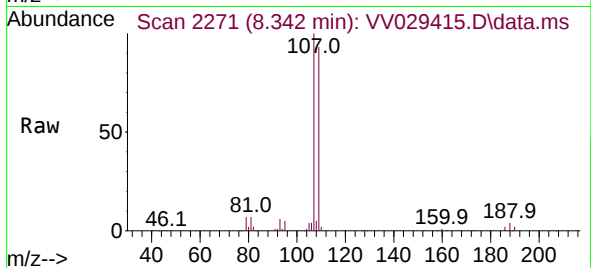
Tgt Ion:107 Resp: 172776

Ion Ratio Lower Upper

107 100

109 92.6 66.0 122.6

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 52.154 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

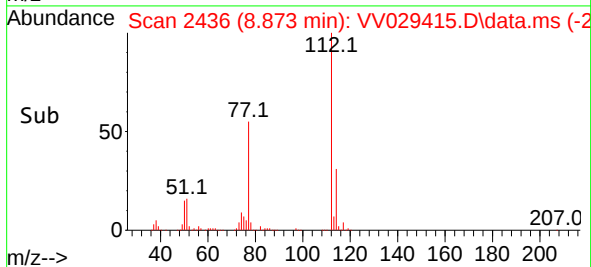
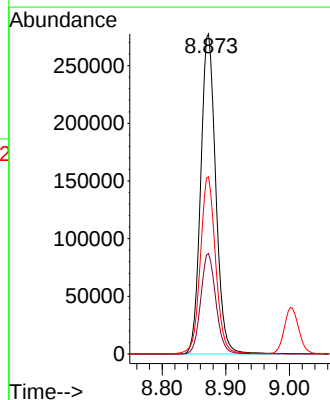
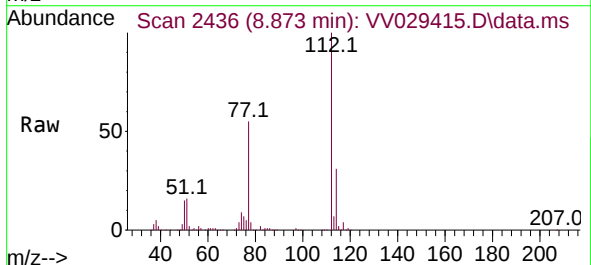
Tgt Ion:112 Resp: 456824

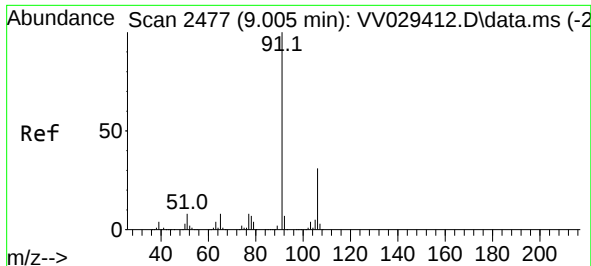
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.3

77 55.4 45.0 67.4





#52

Ethylbenzene

Concen: 52.404 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

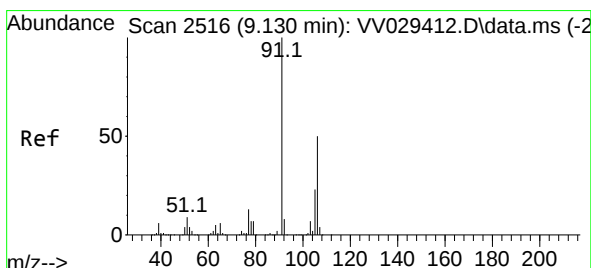
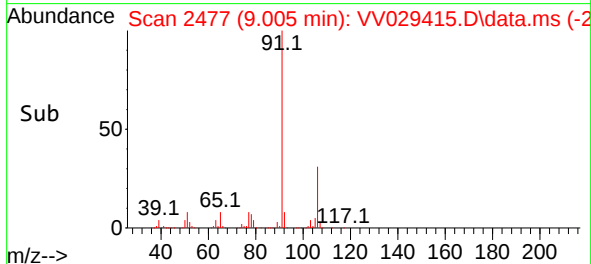
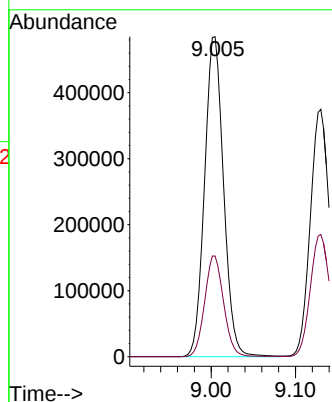
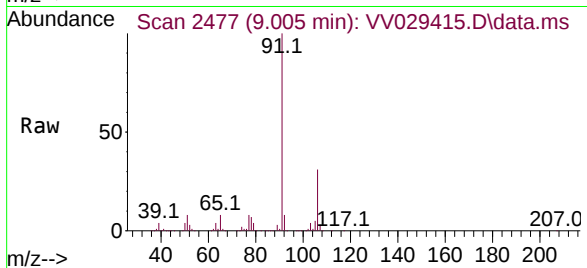
VICV201

Tgt Ion: 91 Resp: 762114

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.6



#53

m,p-Xylene

Concen: 52.283 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029415.D

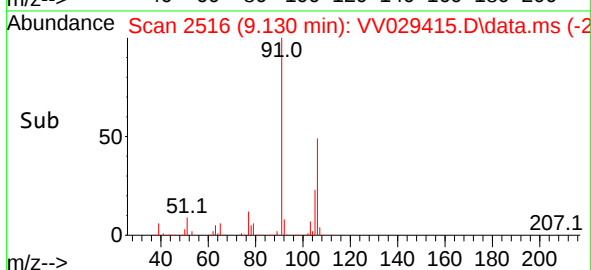
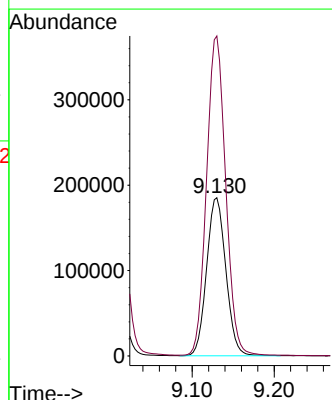
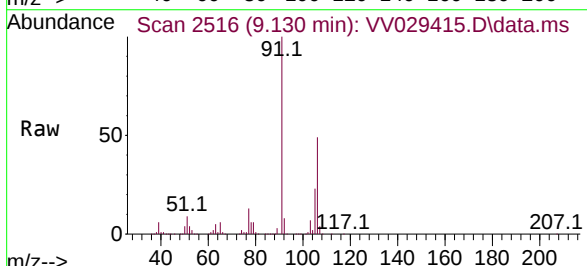
Acq: 07 Dec 2022 13:57

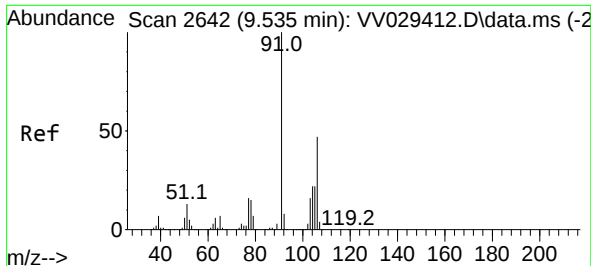
Tgt Ion:106 Resp: 300937

Ion Ratio Lower Upper

106 100

91 202.3 139.5 259.1

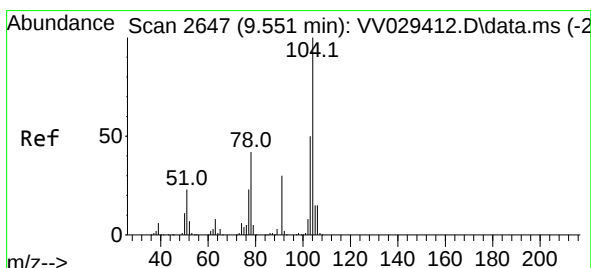
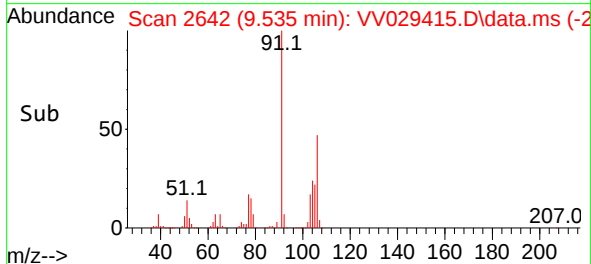
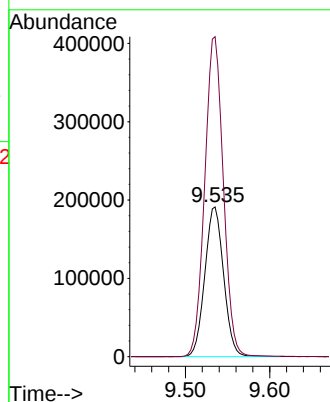
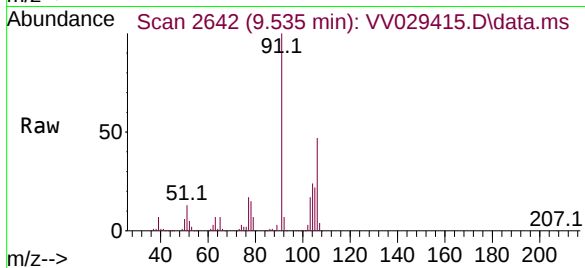




#54
o-Xylene
Concen: 52.216 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

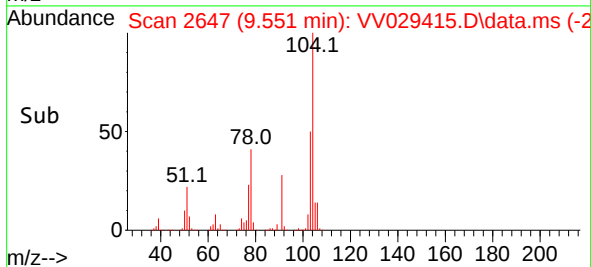
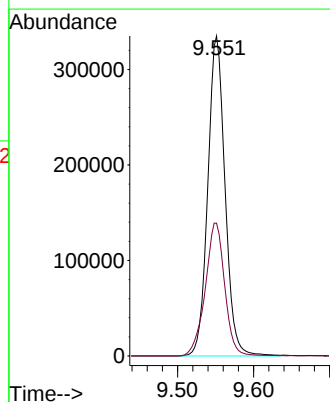
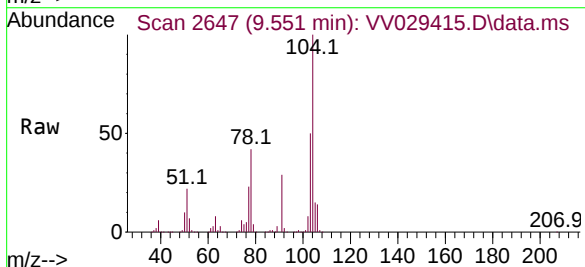
Instrument :
MSVOA_V
ClientSampleId :
VICV201

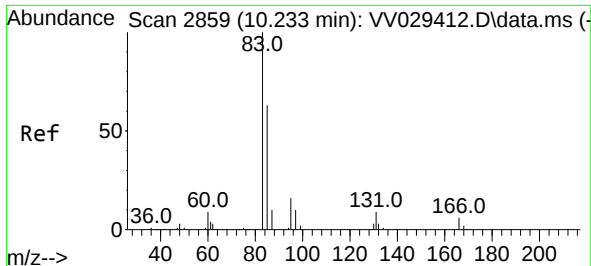
Tgt Ion:106 Resp: 297294
Ion Ratio Lower Upper
106 100
91 213.7 148.0 274.8



#55
Styrene
Concen: 53.275 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion:104 Resp: 527126
Ion Ratio Lower Upper
104 100
78 41.5 29.4 54.6

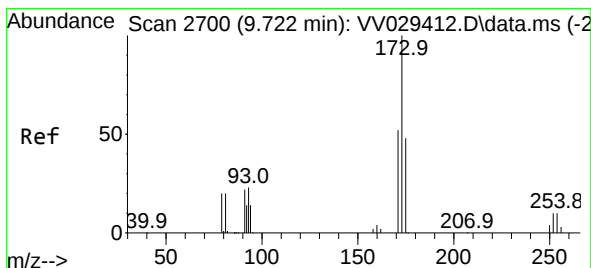
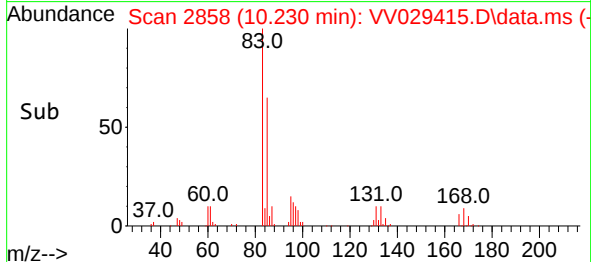
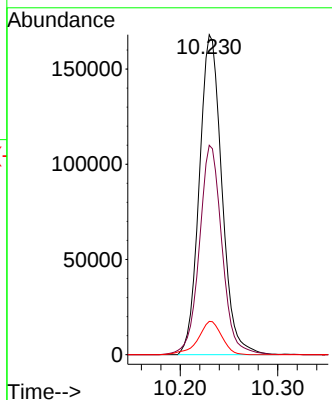
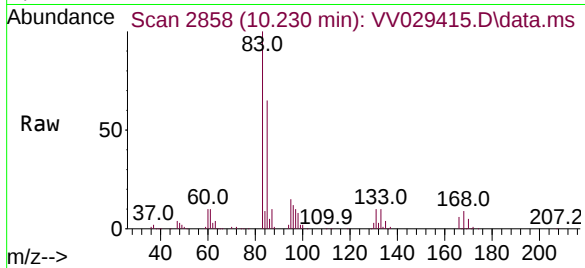




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.657 ug/L
 RT: 10.230 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

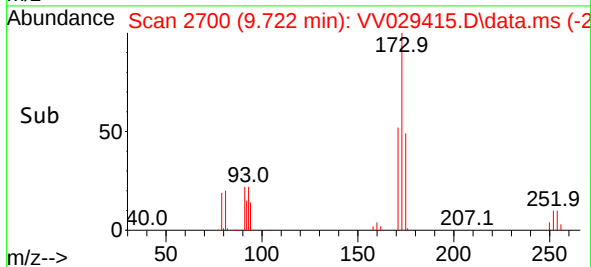
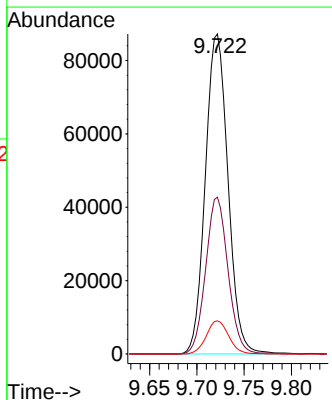
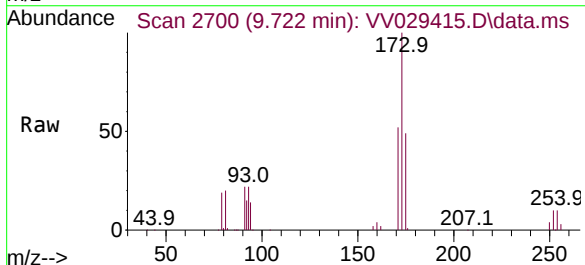
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV201

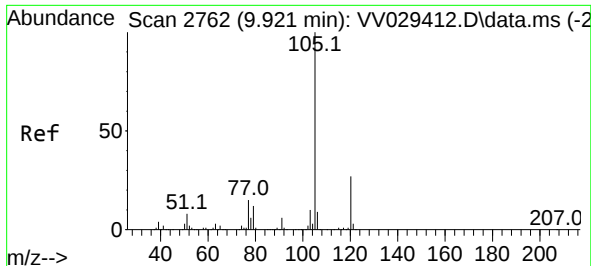
Tgt Ion: 83 Resp: 269930
 Ion Ratio Lower Upper
 83 100
 85 65.5 45.7 84.9
 131 10.4 7.9 11.9



#59
 Bromoform
 Concen: 52.385 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. 0.000 min
 Lab File: VV029415.D
 Acq: 07 Dec 2022 13:57

Tgt Ion: 173 Resp: 145422
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.4 57.6
 254 10.2 7.8 11.8

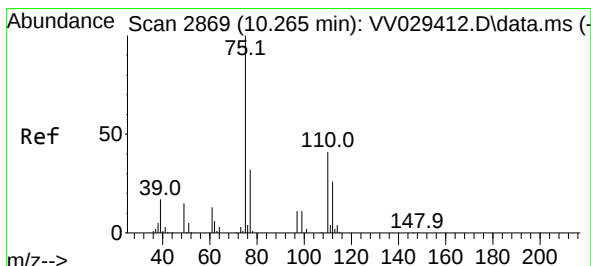
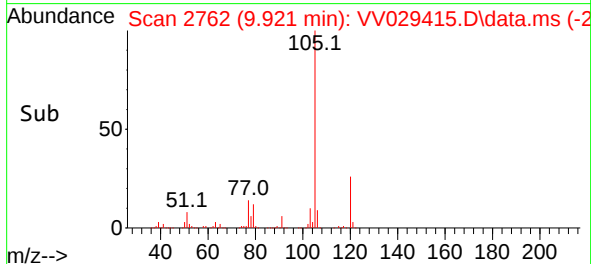
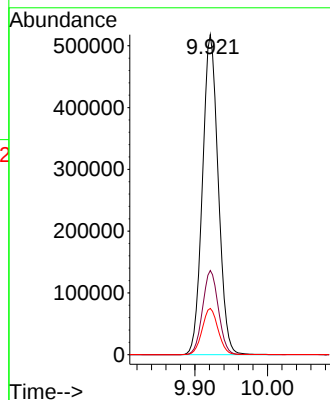
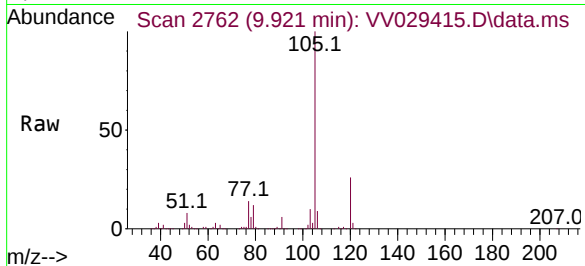




#60
Isopropylbenzene
Concen: 52.929 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

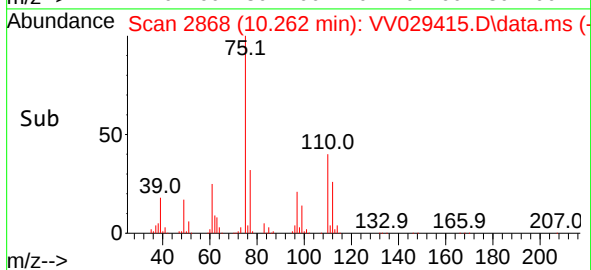
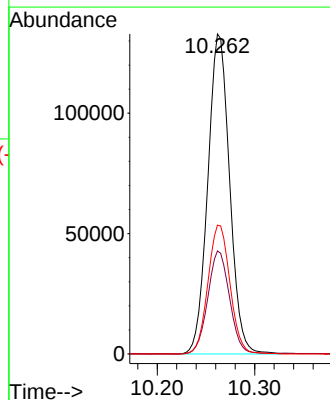
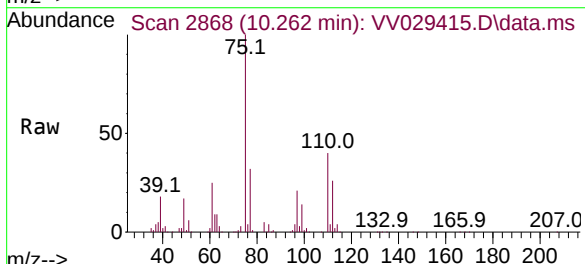
Instrument :
MSVOA_V
ClientSampleId :
VICV201

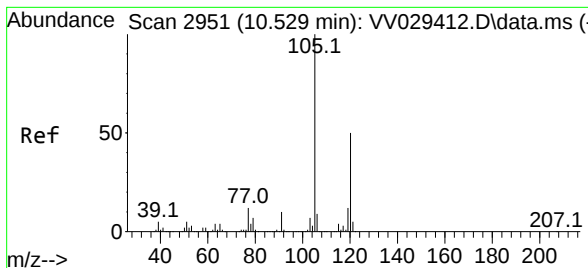
Tgt Ion:105 Resp: 780924
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 14.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 53.351 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 75 Resp: 206949
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2
110 40.7 32.7 49.1

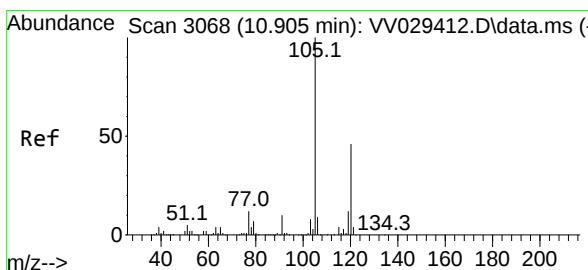
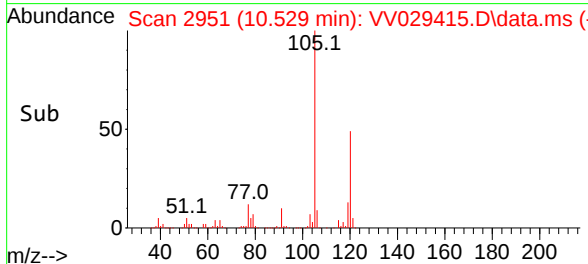
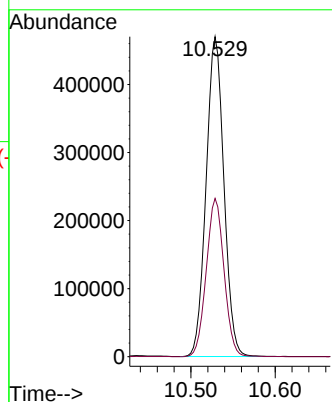
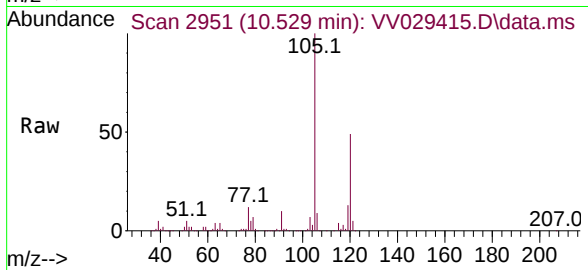




#62
1,3,5-Trimethylbenzene
Concen: 53.002 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

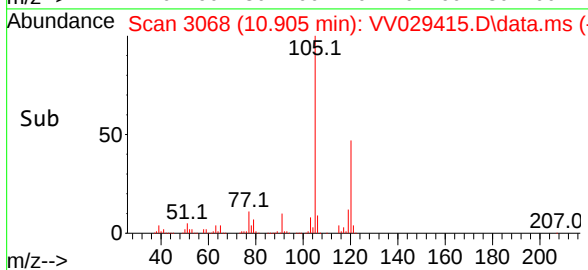
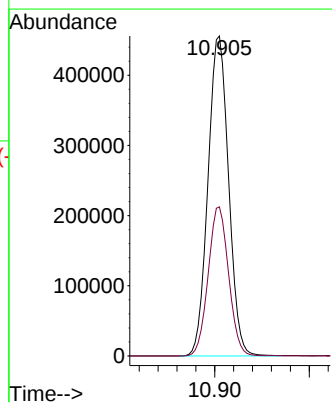
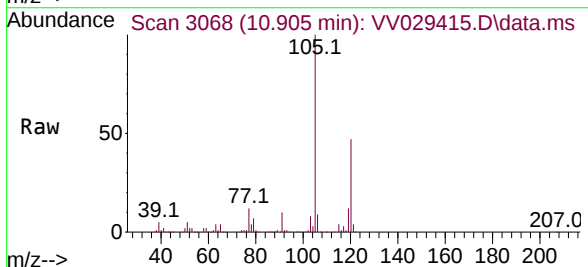
Instrument :
MSVOA_V
ClientSampleId :
VICV201

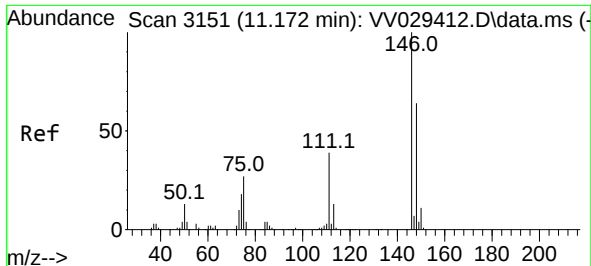
Tgt Ion:105 Resp: 691435
Ion Ratio Lower Upper
105 100
120 49.4 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 53.383 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion:105 Resp: 690314
Ion Ratio Lower Upper
105 100
120 46.2 36.7 55.1

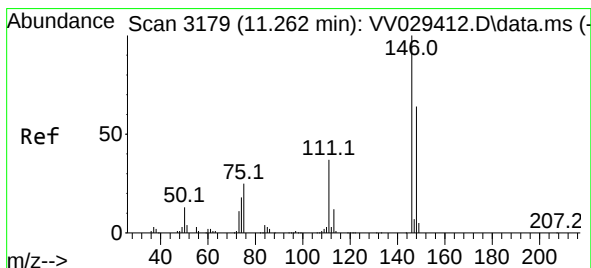
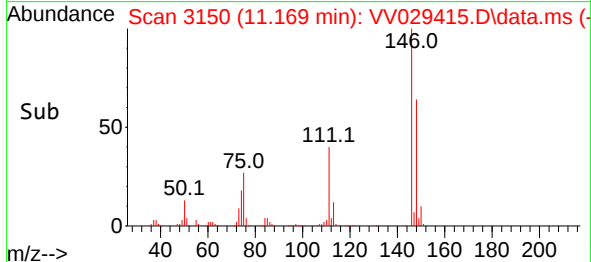
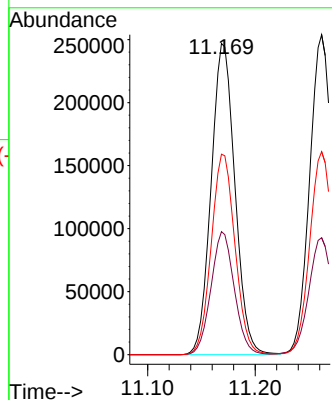
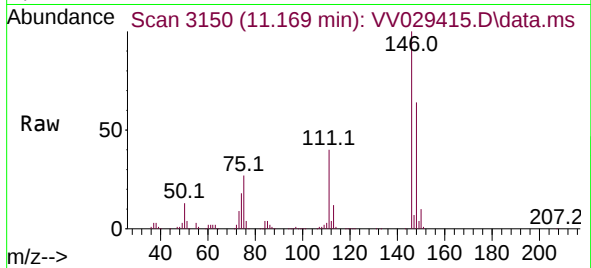




#64
1,3-Dichlorobenzene
Concen: 52.703 ug/L
RT: 11.169 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

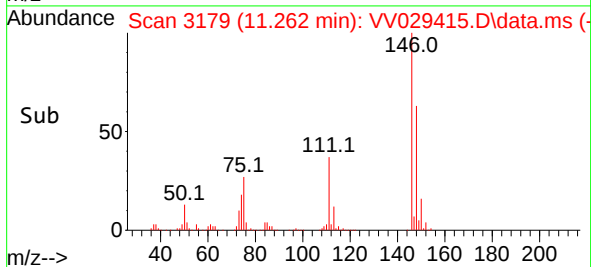
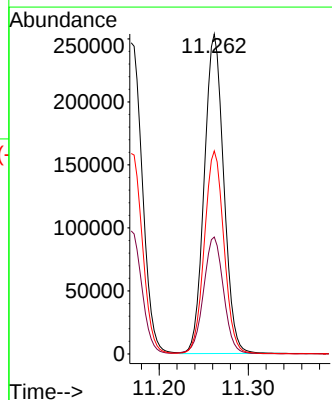
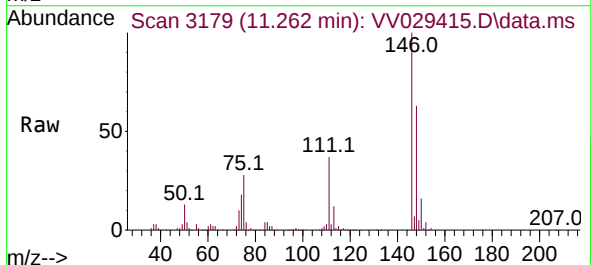
Instrument :
MSVOA_V
ClientSampleId :
VICV201

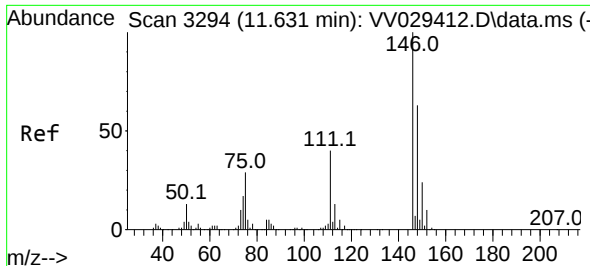
Tgt Ion:146 Resp: 380201
Ion Ratio Lower Upper
146 100
111 39.5 27.4 51.0
148 64.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 52.385 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion:146 Resp: 384063
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 63.5 44.7 83.1

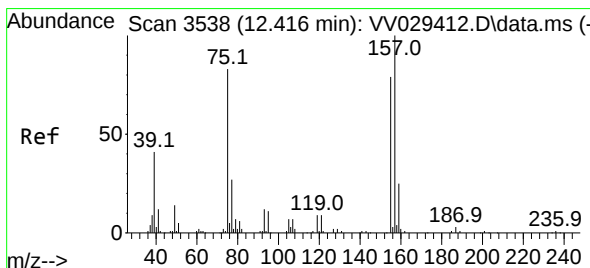
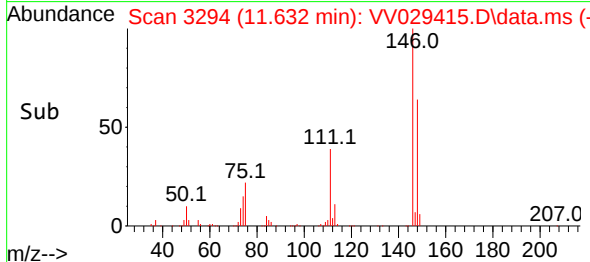
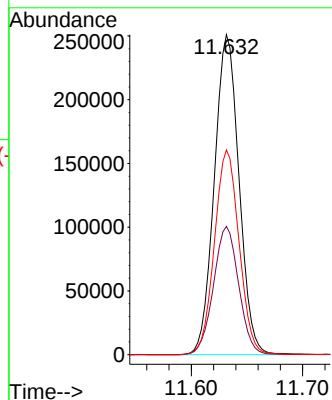
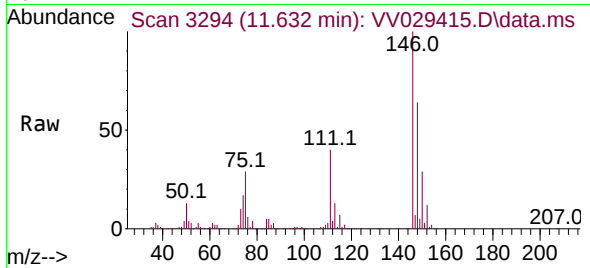




#67
1,2-Dichlorobenzene
Concen: 52.413 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

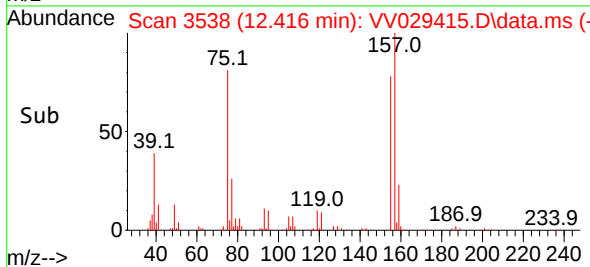
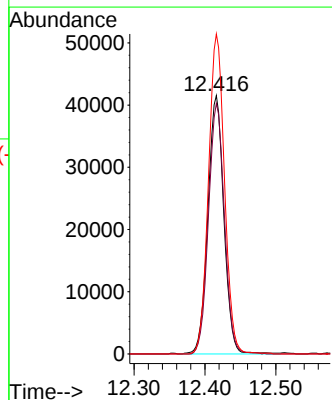
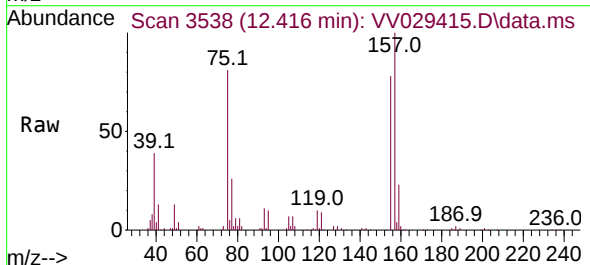
Instrument :
MSVOA_V
ClientSampleId :
VICV201

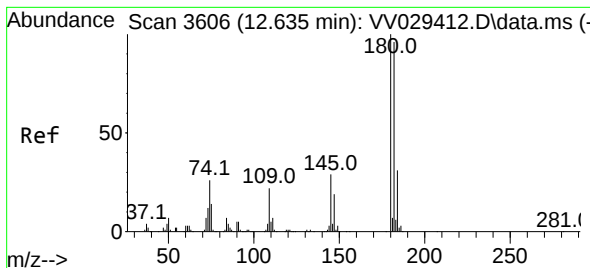
Tgt Ion:146 Resp: 386649
Ion Ratio Lower Upper
146 100
111 40.1 32.0 48.0
148 64.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 54.007 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029415.D
Acq: 07 Dec 2022 13:57

Tgt Ion: 75 Resp: 65111
Ion Ratio Lower Upper
75 100
155 97.0 76.2 114.2
157 123.8 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 53.311 ug/L

RT: 12.632 min Scan# 3605

Delta R.T. -0.003 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VICV201

Tgt Ion:180 Resp: 306059

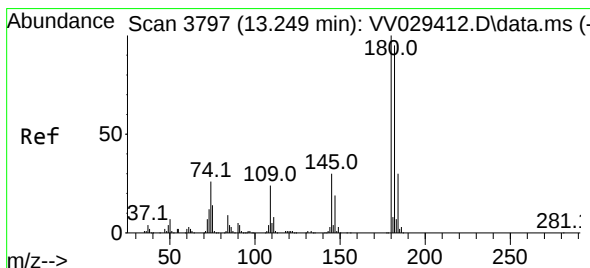
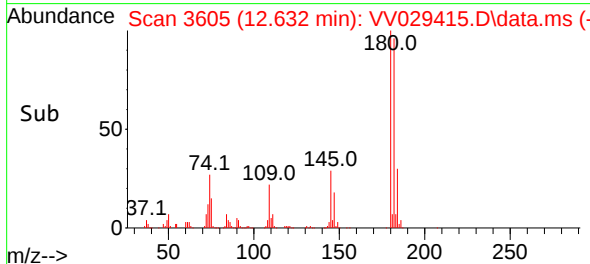
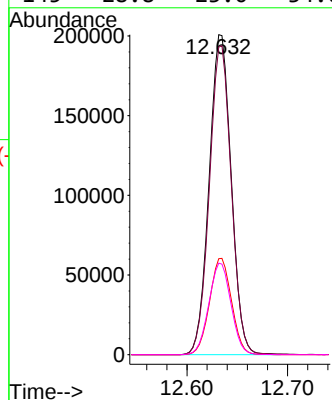
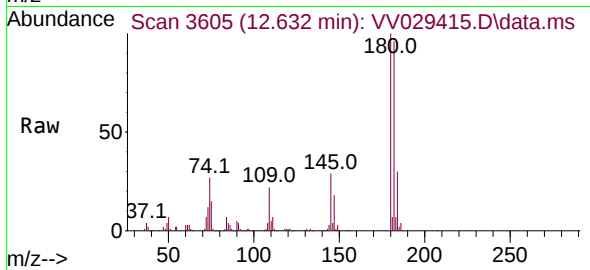
Ion Ratio Lower Upper

180 100

182 96.1 76.5 114.7

184 30.1 24.6 36.8

145 28.8 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 53.935 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

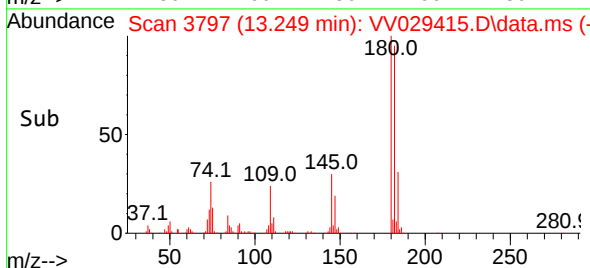
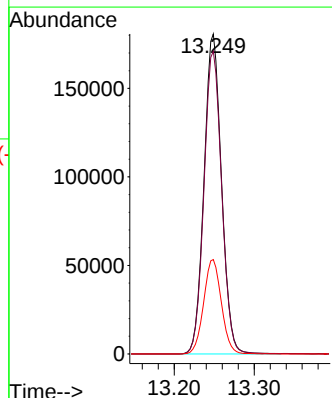
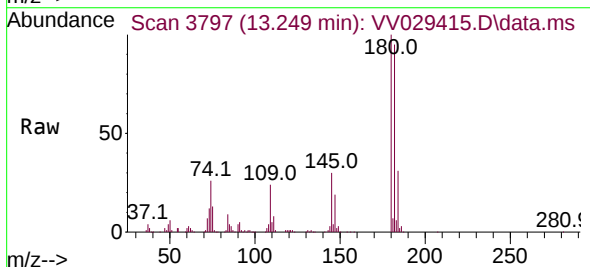
Tgt Ion:180 Resp: 275343

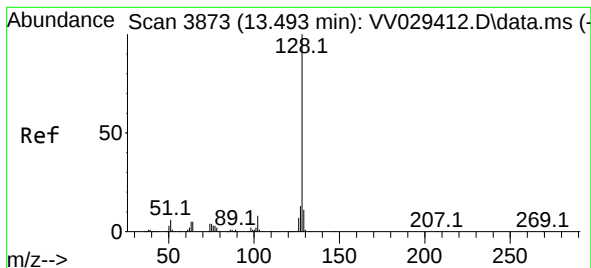
Ion Ratio Lower Upper

180 100

182 95.8 76.3 114.5

145 29.9 23.7 35.5





#71

Naphthalene

Concen: 59.532 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

VICV201

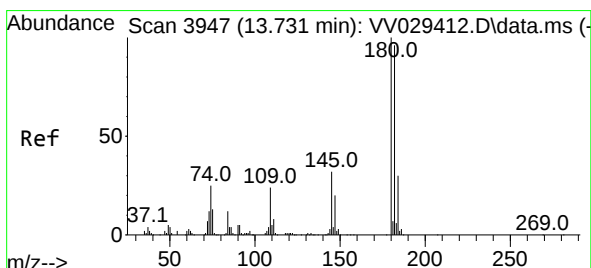
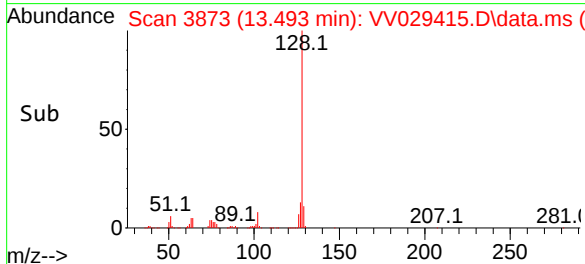
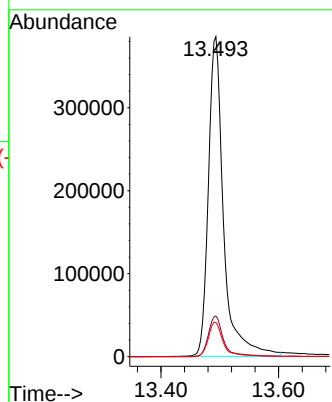
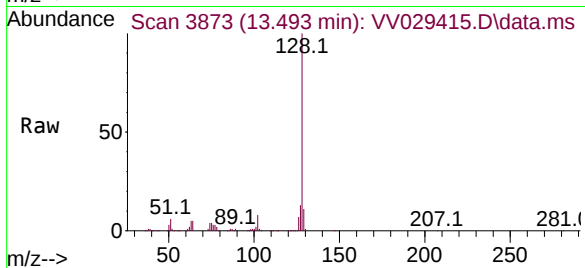
Tgt Ion:128 Resp: 689372

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 54.721 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029415.D

Acq: 07 Dec 2022 13:57

Tgt Ion:180 Resp: 273623

Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.5 25.0 37.6

