

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028400.D
 Acq On : 07 Oct 2022 11:52
 Operator : SY/MD
 Sample : VSTD20068
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200268

Quant Time: Oct 07 23:22:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	473876	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	440794	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	237645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	702953	178.171	ug/L	0.00
7) Chloroethane-d5	1.564	69	561898	177.324	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	1209160	172.360	ug/L	0.00
21) 2-Butanone-d5	3.892	46	1361123	500.428	ug/L	0.00
24) Chloroform-d	4.339	84	1350574	177.244	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	869331	194.669	ug/L	0.00
32) Benzene-d6	5.043	84	2744464	203.842	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	911876	208.031	ug/L	0.00
41) Toluene-d8	7.310	98	2486011	211.881	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	483944	251.418	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	1015588	512.846	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	1249344	192.963	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	985387	215.406	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	689026	147.430	ug/L	100
3) Chloromethane	1.236	50	766836	170.090	ug/L	100
5) Vinyl chloride	1.307	62	792423	167.927	ug/L	98
6) Bromomethane	1.519	94	389399	142.521	ug/L	99
8) Chloroethane	1.580	64	476741	170.888	ug/L	100
9) Trichlorofluoromethane	1.751	101	977170	152.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	546636	146.420	ug/L	99
12) 1,1-Dichloroethene	2.111	96	549250	156.443	ug/L	95
13) Acetone	2.195	43	794675	406.376	ug/L	84
14) Carbon disulfide	2.288	76	1751987	171.592	ug/L	99
15) Methyl Acetate	2.432	43	911778	222.679	ug/L	98
16) Methylene chloride	2.500	84	692792	153.762	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	630535	167.795	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	2359674	214.891	ug/L	100
19) 1,1-Dichloroethane	3.182	63	1282380	181.943	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	732699	182.786	ug/L	98
22) 2-Butanone	3.976	43	1298854	492.523	ug/L	96
23) Bromochloromethane	4.239	128	361849	161.461	ug/L	97
25) Chloroform	4.365	83	1255856	169.296	ug/L	99
27) 1,2-Dichloroethane	5.124	62	992279	186.761	ug/L	99
29) Cyclohexane	4.670	56	1181594	238.549	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	1105535	189.202	ug/L	99
31) Carbon tetrachloride	4.821	117	932799	184.330	ug/L	98
33) Benzene	5.092	78	2774300	195.740	ug/L	100
34) Trichloroethene	5.908	95	689774	188.884	ug/L	97
35) Methylcyclohexane	6.127	83	1177354	212.474	ug/L	100
37) 1,2-Dichloropropane	6.165	63	761150	203.815	ug/L	100
38) Bromodichloromethane	6.503	83	993373	196.937	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	1248699	231.701	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	2509758	525.257	ug/L	98
42) Toluene	7.381	91	2872387	199.947	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	1199422	229.676	ug/L	99

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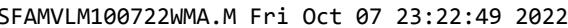
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200268

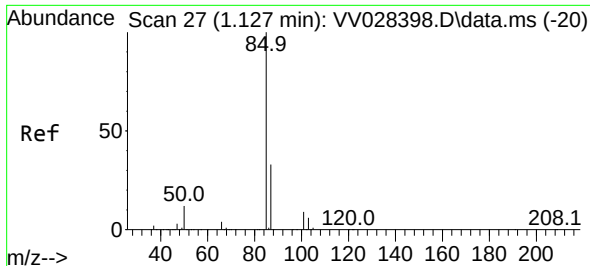
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	693871	179.568	ug/L	99
46) Tetrachloroethene	7.969	164	512199	182.967	ug/L	99
48) 2-Hexanone	8.136	43	1924751	527.181	ug/L	99
49) Dibromochloromethane	8.239	129	767757	188.294	ug/L	100
50) 1,2-Dibromoethane	8.345	107	728293	183.446	ug/L	100
51) Chlorobenzene	8.873	112	1841911	184.517	ug/L	99
52) Ethylbenzene	9.005	91	3188059	210.209	ug/L	100
53) m,p-Xylene	9.130	106	1216332	207.905	ug/L	99
54) o-Xylene	9.535	106	1209218	211.278	ug/L	100
55) Styrene	9.551	104	2112128	213.102	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	1190609	189.273	ug/L	99
59) Bromoform	9.722	173	581981	212.417	ug/L	100
60) Isopropylbenzene	9.924	105	3184421	218.138	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	929227	191.562	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	2812405	233.051	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	2799582	233.031	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	1473721	203.592	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	1472757	193.042	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	1474654	198.789	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	305630	228.783	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	1158382	220.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	1056938	234.619	ug/L	99
71) Naphthalene	13.490	128	3409967	245.737	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	1019879	223.554	ug/L	98

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

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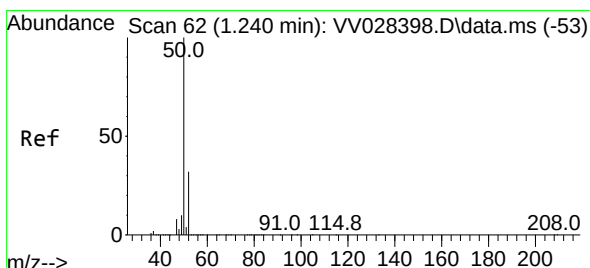
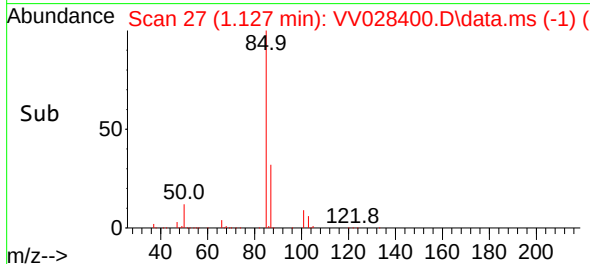
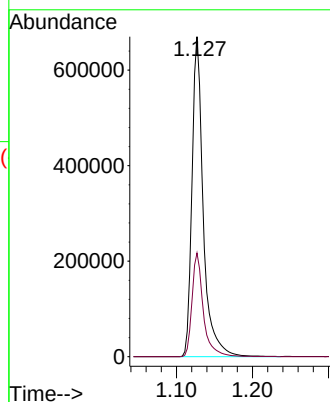
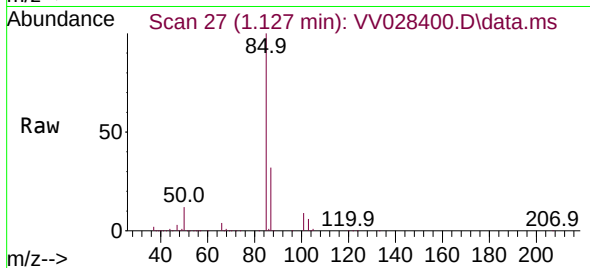




#2
Dichlorodifluoromethane
Concen: 147.430 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

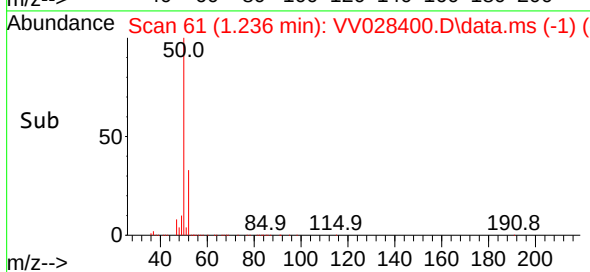
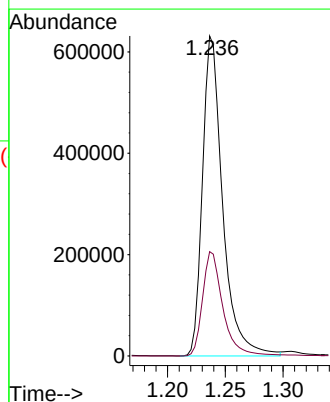
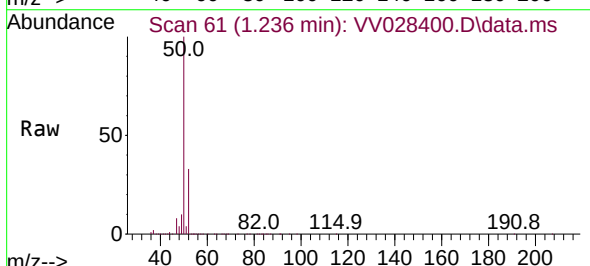
Instrument :
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ClientSampleId :
VSTD200268

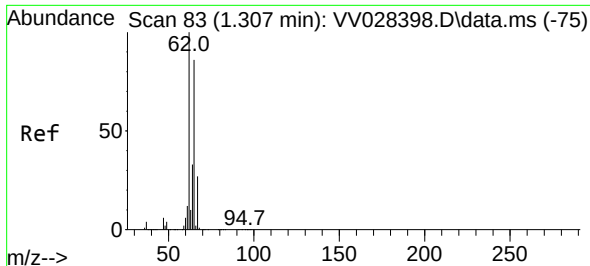
Tgt Ion: 85 Resp: 689026
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 170.090 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 50 Resp: 766836
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.3

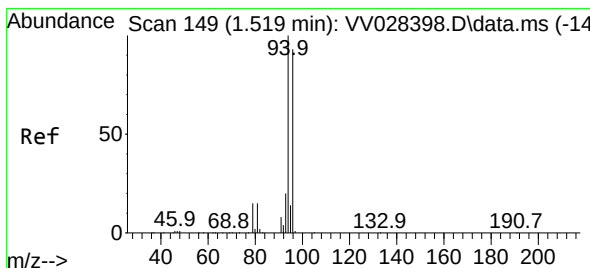
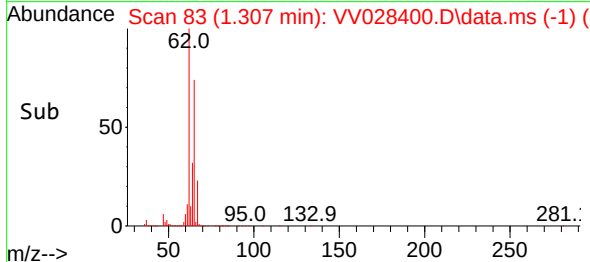
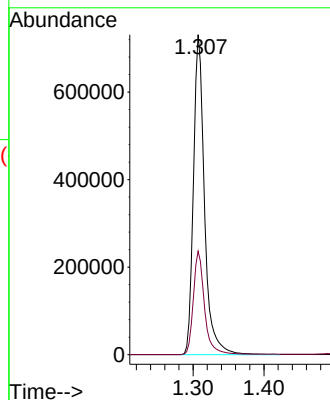
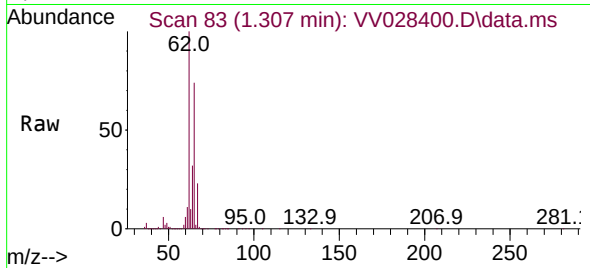




#5
 Vinyl chloride
 Concen: 167.927 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV028400.D
 Acq: 07 Oct 2022 11:52

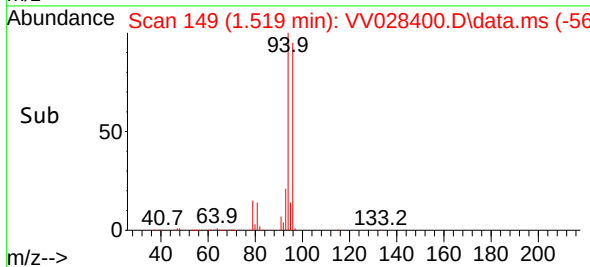
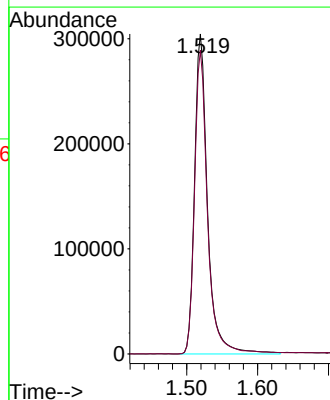
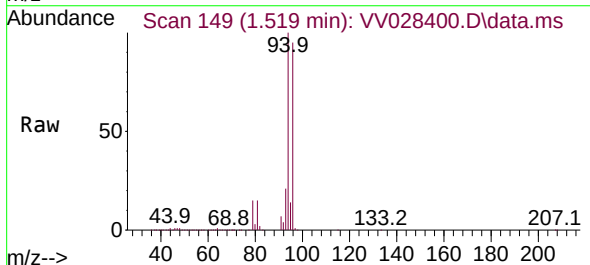
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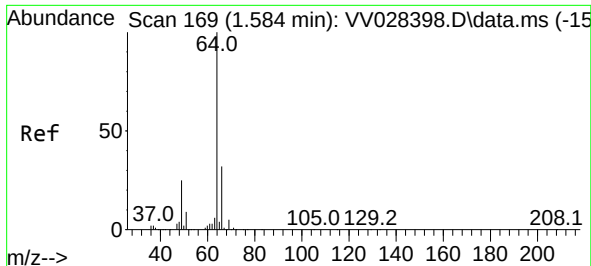
Tgt Ion: 62 Resp: 792423
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.3 43.3



#6
 Bromomethane
 Concen: 142.521 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028400.D
 Acq: 07 Oct 2022 11:52

Tgt Ion: 94 Resp: 389399
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.5 121.6

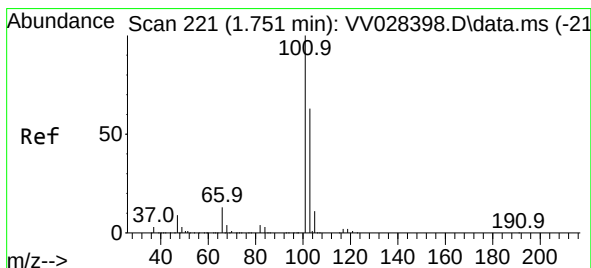
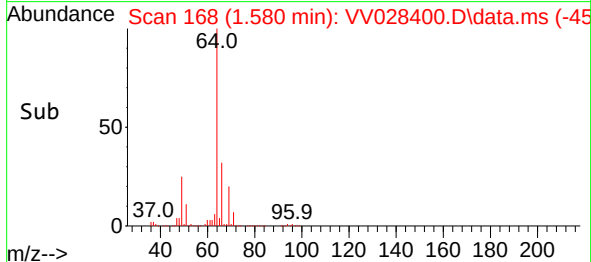
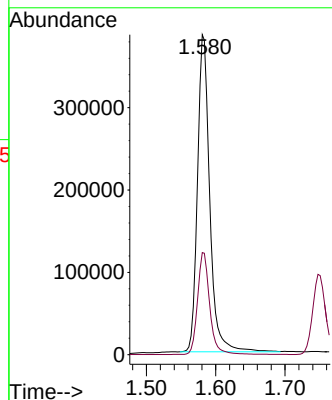
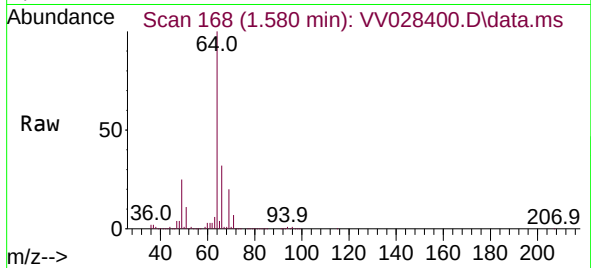




#8
Chloroethane
Concen: 170.888 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

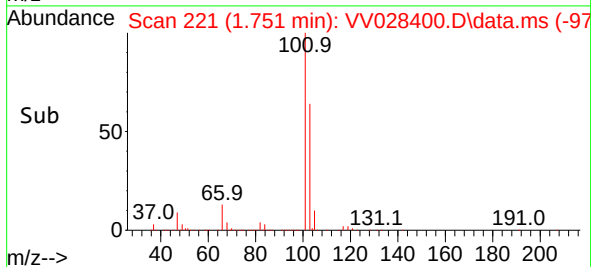
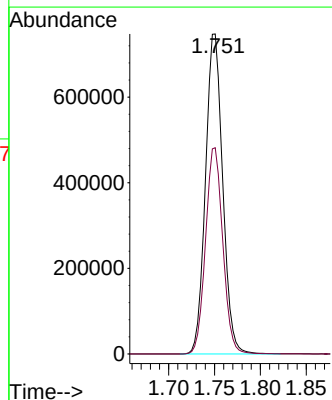
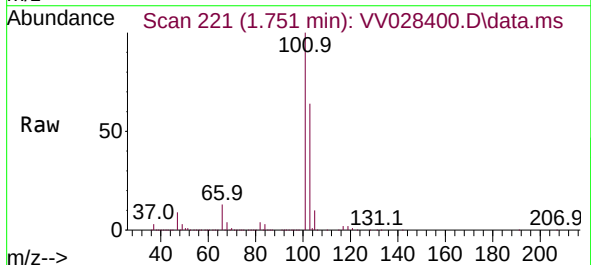
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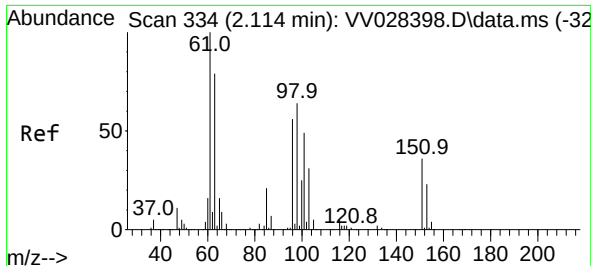
Tgt Ion: 64 Resp: 476741
Ion Ratio Lower Upper
64 100
66 31.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 152.235 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion:101 Resp: 977170
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

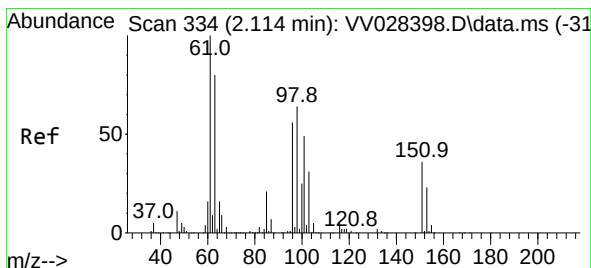
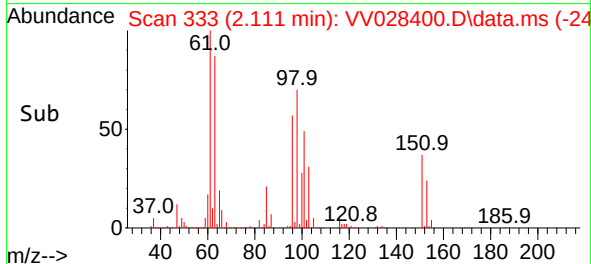
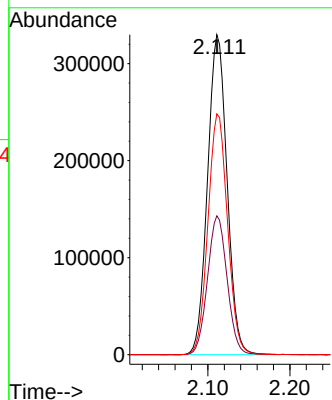
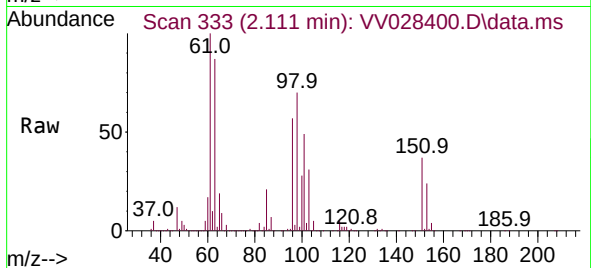




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 146.420 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

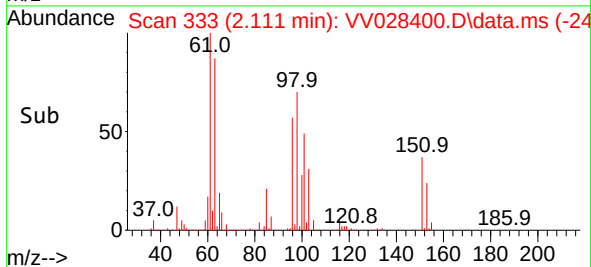
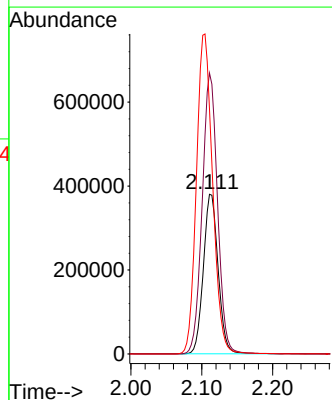
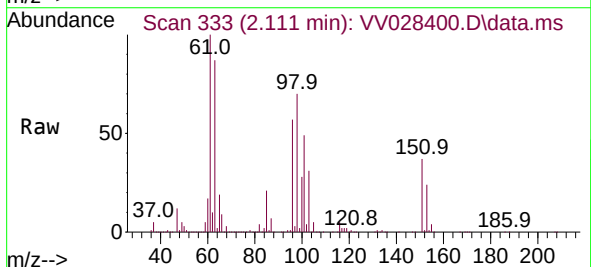
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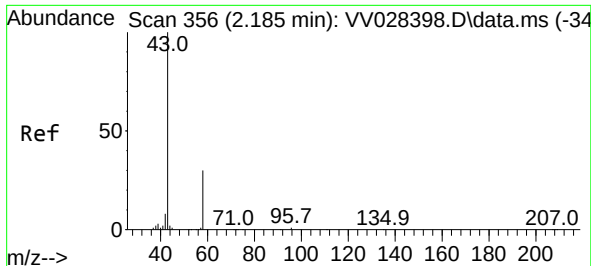
Tgt Ion:101 Resp: 546636
Ion Ratio Lower Upper
101 100
85 43.6 34.9 52.3
151 75.6 59.2 88.8



#12
1,1-Dichloroethene
Concen: 156.443 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 96 Resp: 549250
Ion Ratio Lower Upper
96 100
61 175.9 125.6 233.2
63 153.5 100.0 185.6

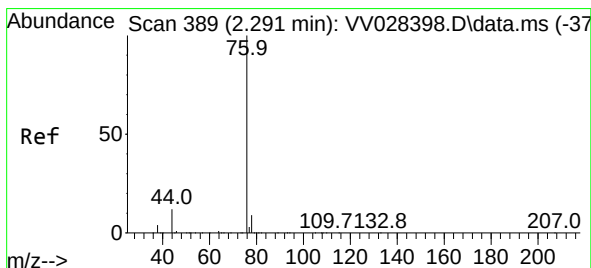
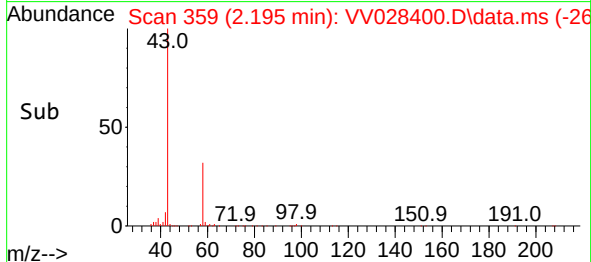
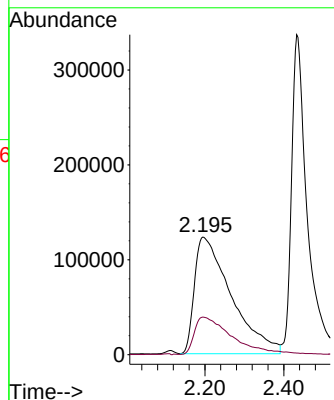
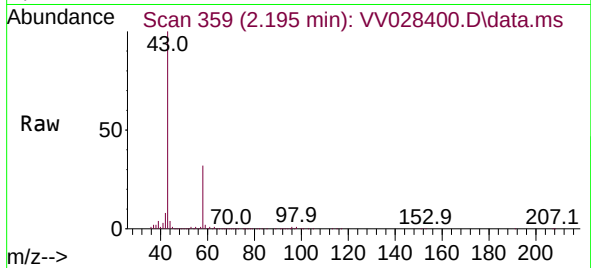




#13
Acetone
Concen: 406.376 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.010 min
Lab File: VV028400.D
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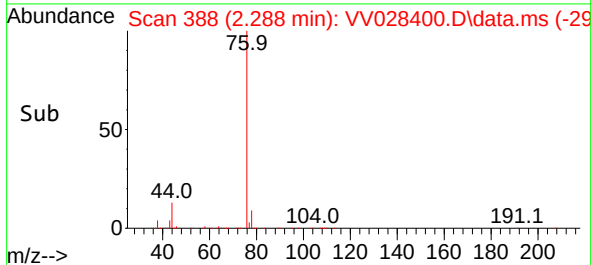
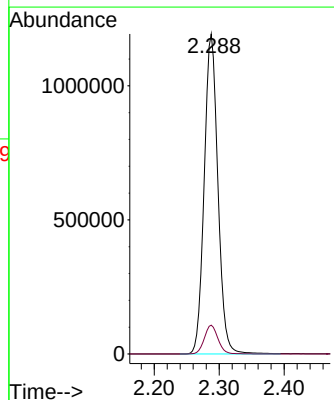
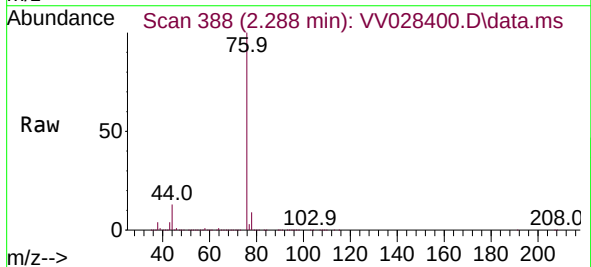
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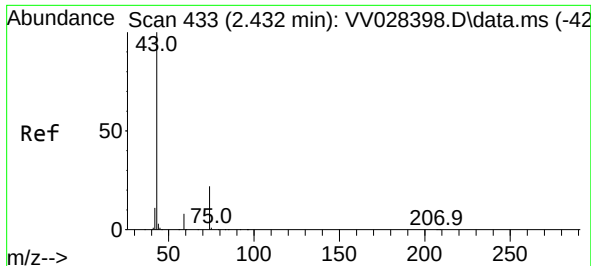
Tgt Ion: 43 Resp: 794675
Ion Ratio Lower Upper
43 100
58 31.3 0.0 47.0



#14
Carbon disulfide
Concen: 171.592 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 76 Resp: 1751987
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

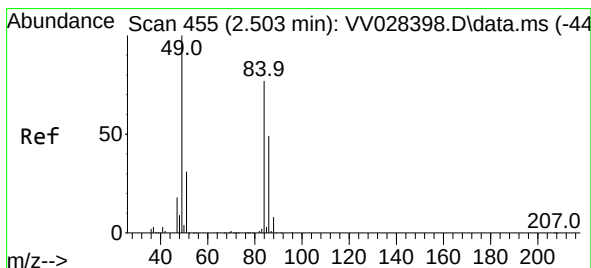
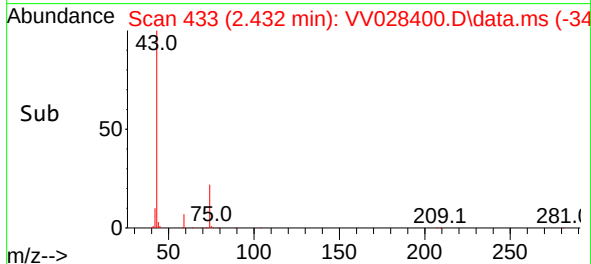
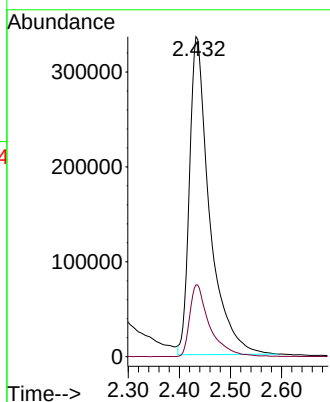
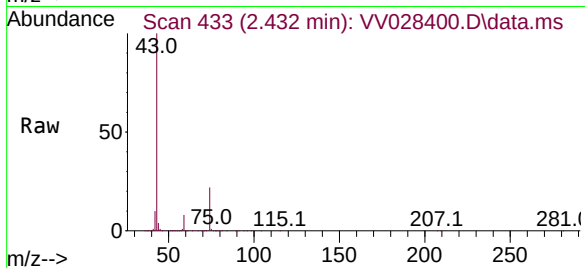




#15
Methyl Acetate
Concen: 222.679 ug/L
RT: 2.432 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028400.D
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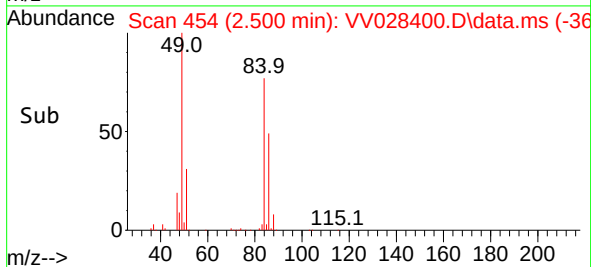
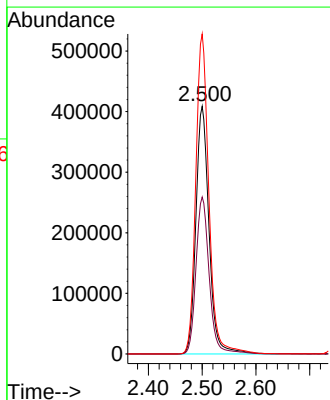
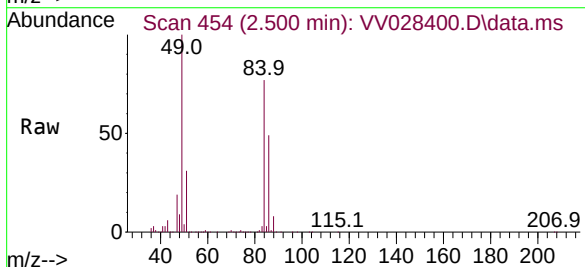
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

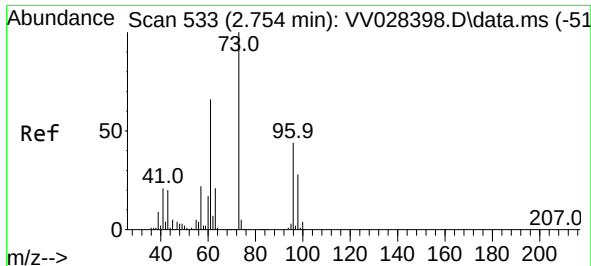
Tgt Ion: 43 Resp: 911778
Ion Ratio Lower Upper
43 100
74 22.5 18.8 28.2



#16
Methylene chloride
Concen: 153.762 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 84 Resp: 692792
Ion Ratio Lower Upper
84 100
86 63.4 44.2 82.2
49 129.2 90.5 168.1

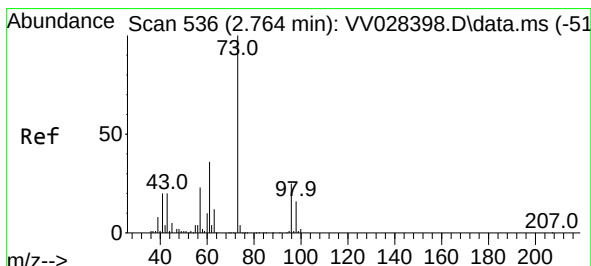
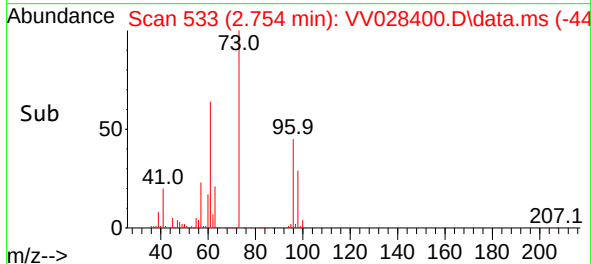
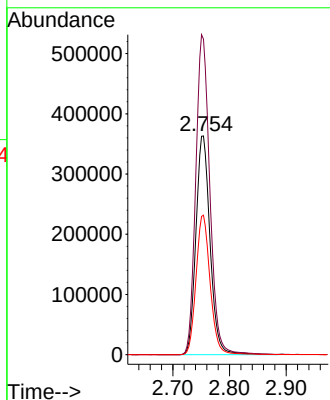
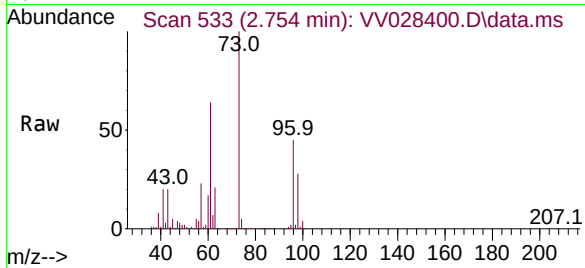




#17
trans-1,2-Dichloroethene
Concen: 167.795 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

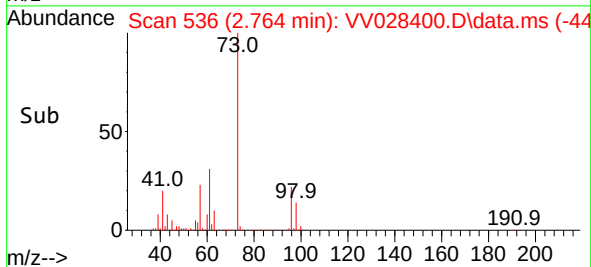
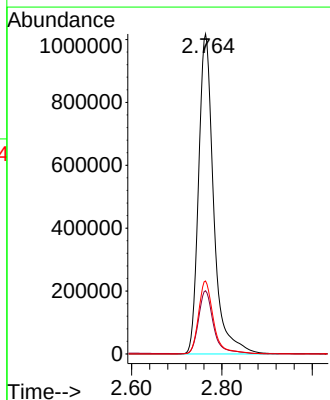
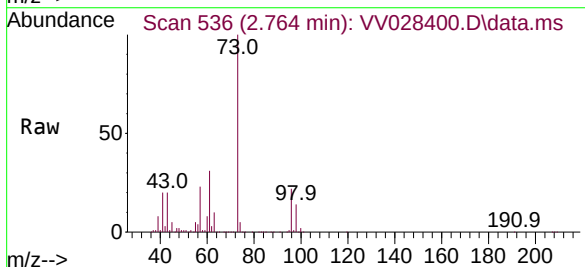
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

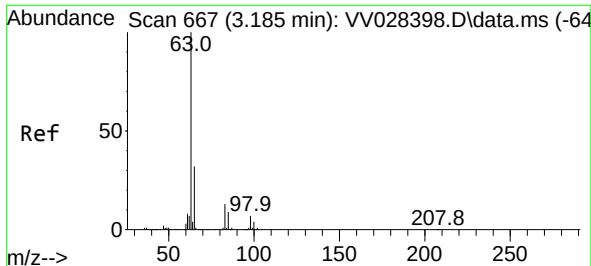
Tgt Ion: 96 Resp: 630535
Ion Ratio Lower Upper
96 100
61 144.3 104.8 194.6
98 63.8 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 214.891 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 73 Resp: 2359674
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.6 18.2 27.4





#19

1,1-Dichloroethane

Concen: 181.943 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

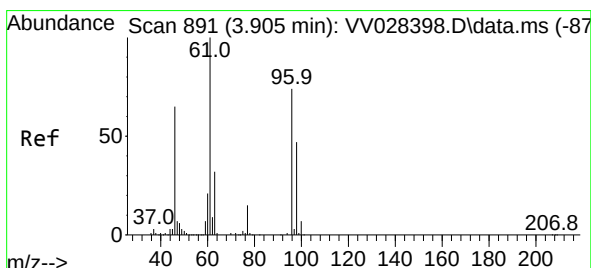
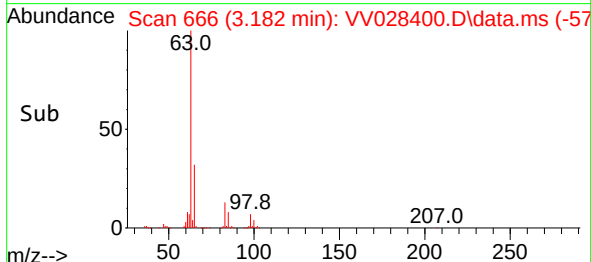
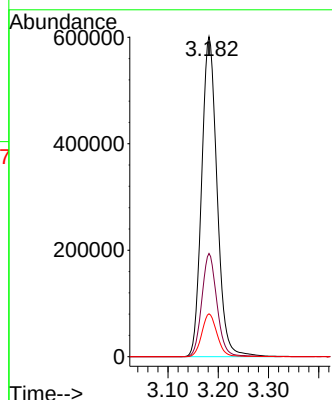
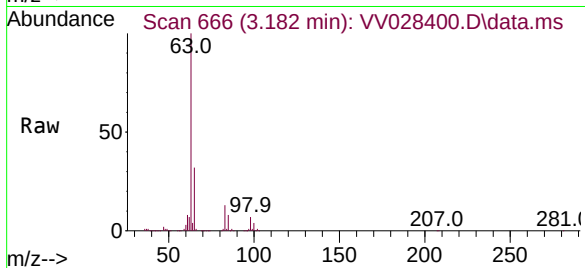
MSVOA_V

ClientSampleId :

VSTD200268

Tgt Ion: 63 Resp: 1282380

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.6	42.0
83	13.4	9.2	17.0



#20

cis-1,2-Dichloroethene

Concen: 182.786 ug/L

RT: 3.902 min Scan# 890

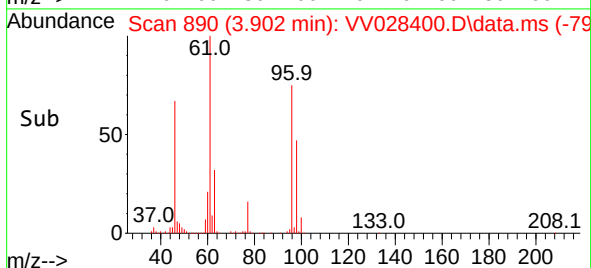
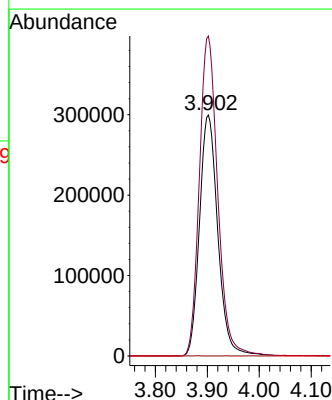
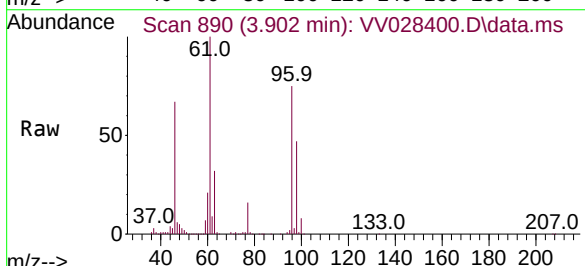
Delta R.T. -0.003 min

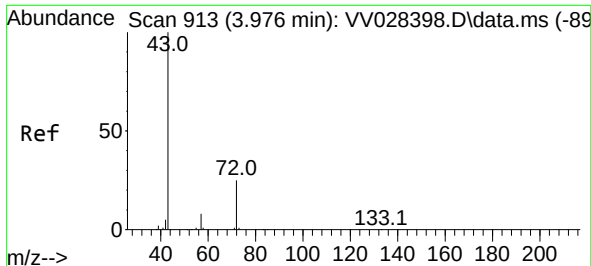
Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Tgt Ion: 96 Resp: 732699

Ion	Ratio	Lower	Upper
96	100		
61	132.8	95.0	176.4
68	0.0	0.0	0.0

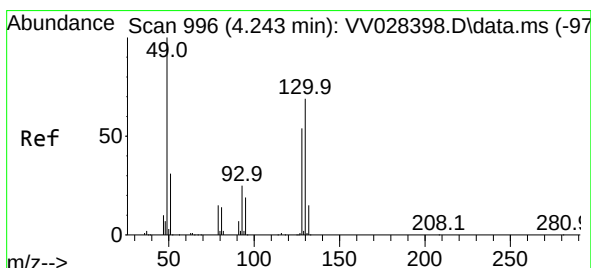
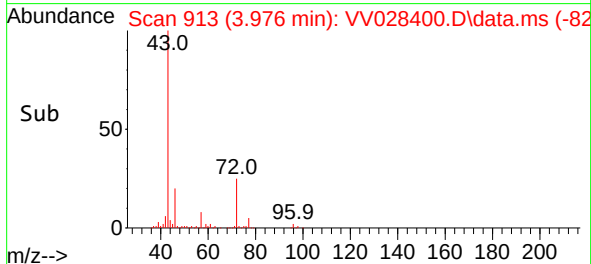
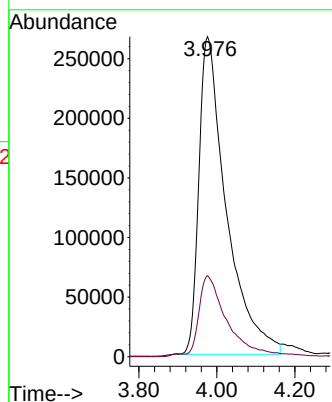
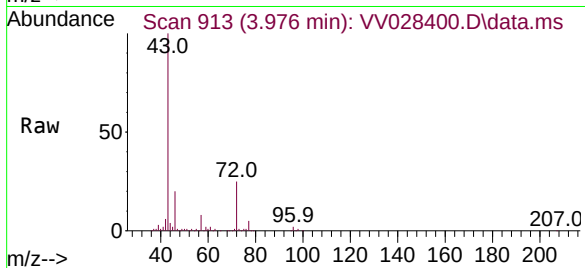




#22
2-Butanone
Concen: 492.523 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

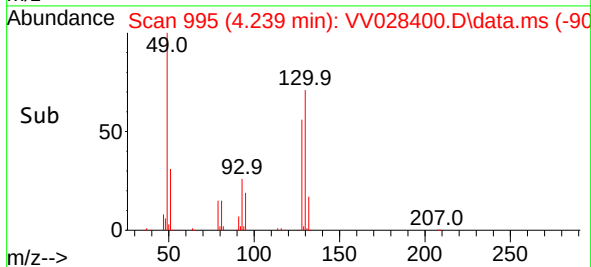
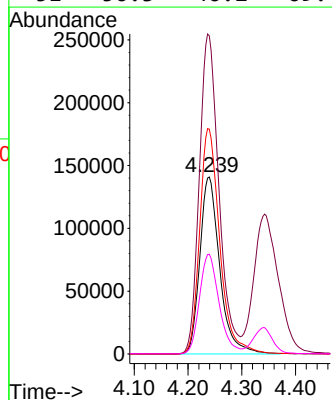
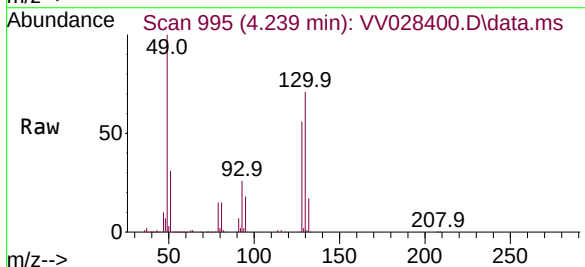
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

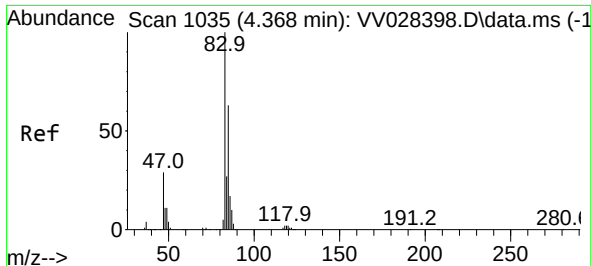
Tgt Ion: 43 Resp: 1298854
Ion Ratio Lower Upper
43 100
72 24.0 11.1 33.1



#23
Bromochloromethane
Concen: 161.461 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 128 Resp: 361849
Ion Ratio Lower Upper
128 100
49 179.7 130.6 242.6
130 127.1 90.0 167.2
51 56.3 46.2 69.4

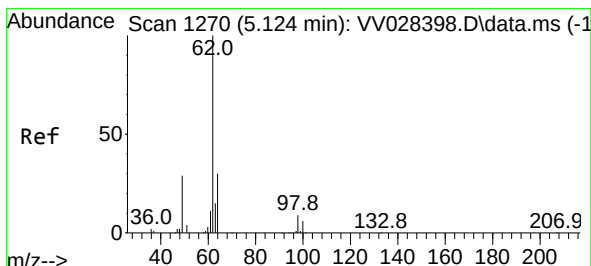
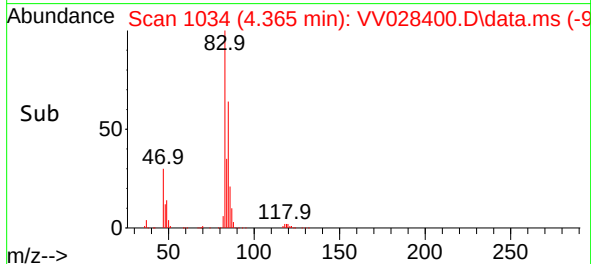
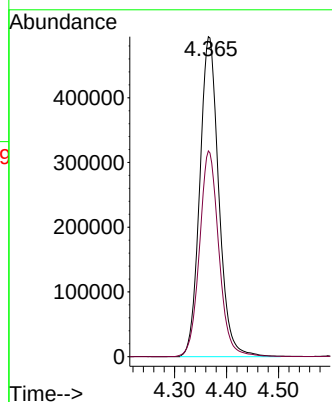
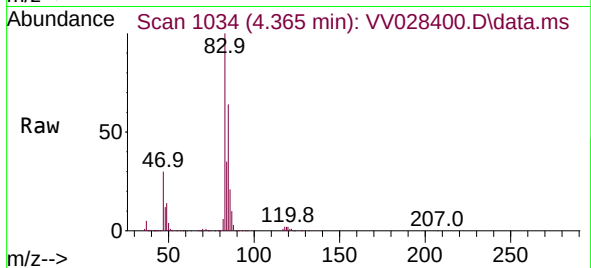




#25
Chloroform
Concen: 169.296 ug/L
RT: 4.365 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

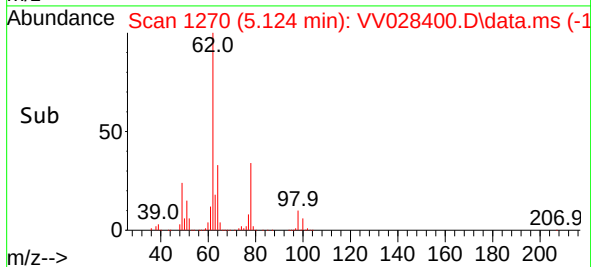
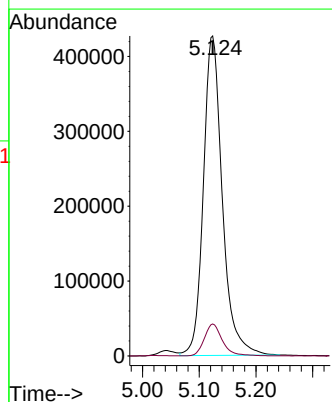
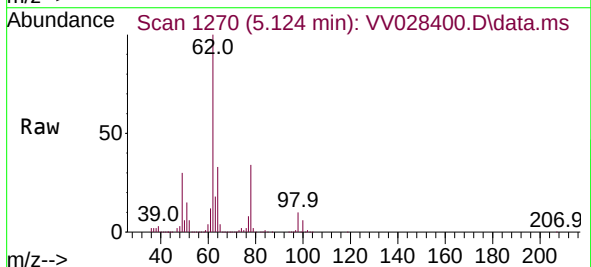
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

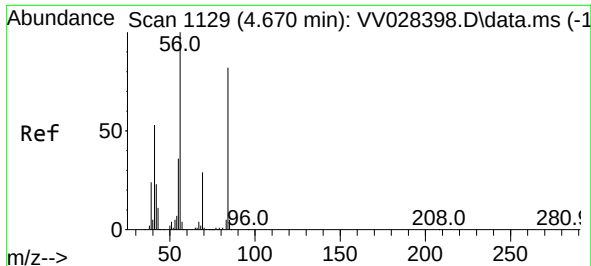
Tgt Ion: 83 Resp: 1255856
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7



#27
1,2-Dichloroethane
Concen: 186.761 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 62 Resp: 992279
Ion Ratio Lower Upper
62 100
98 10.0 7.6 11.4





#29

Cyclohexane

Concen: 238.549 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

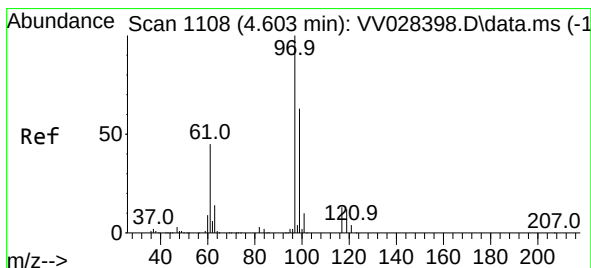
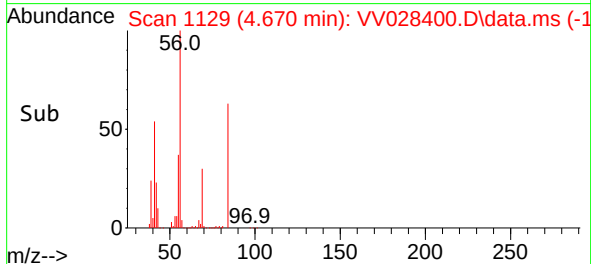
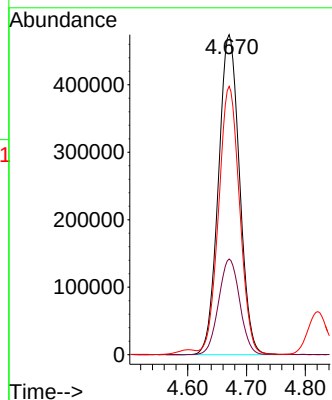
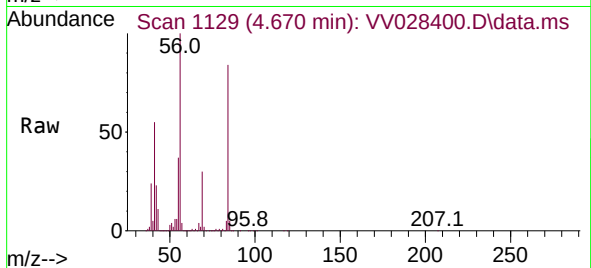
MSVOA_V

ClientSampleId :

VSTD200268

Tgt Ion: 56 Resp: 1181594

Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.0	34.6
84	83.4	65.8	98.8



#30

1,1,1-Trichloroethane

Concen: 189.202 ug/L

RT: 4.600 min Scan# 1107

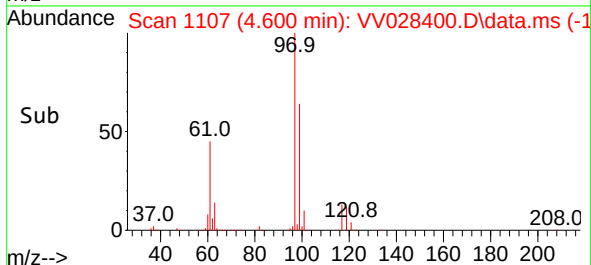
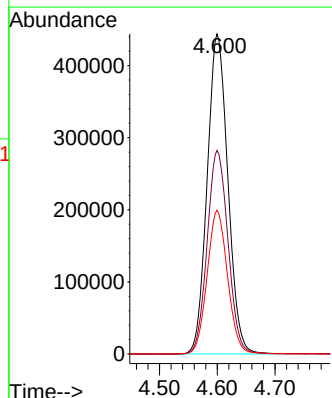
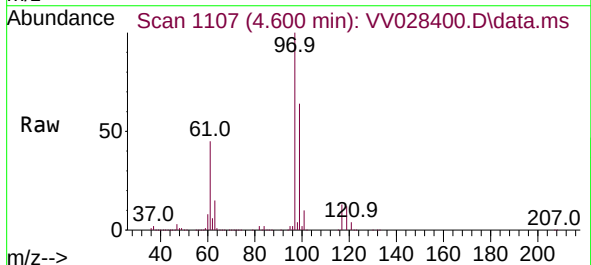
Delta R.T. -0.003 min

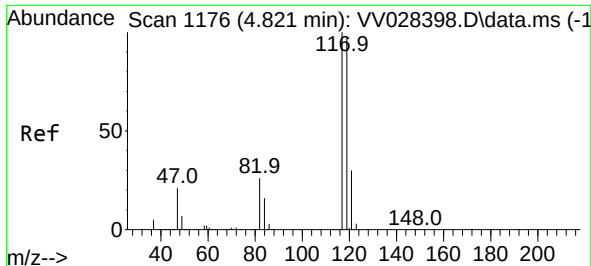
Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Tgt Ion: 97 Resp: 1105535

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.2	75.2
61	44.4	35.8	53.6

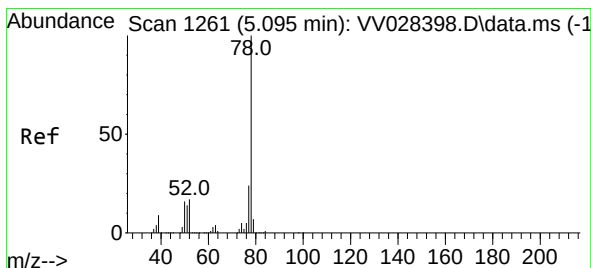
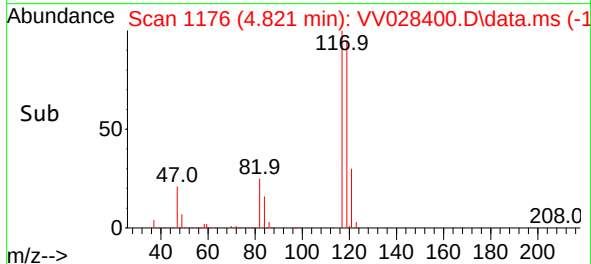
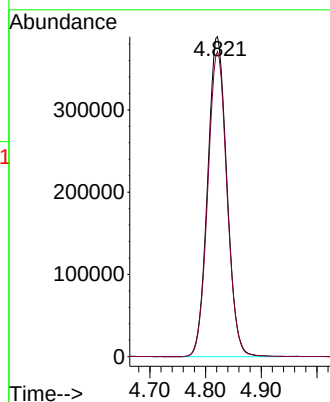
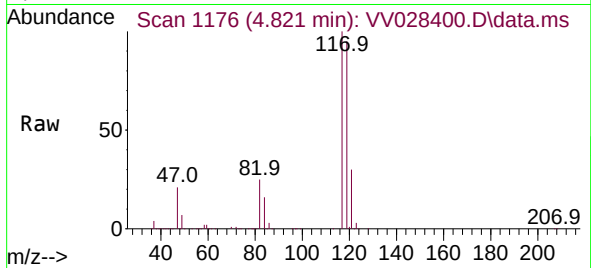




#31
Carbon tetrachloride
Concen: 184.330 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

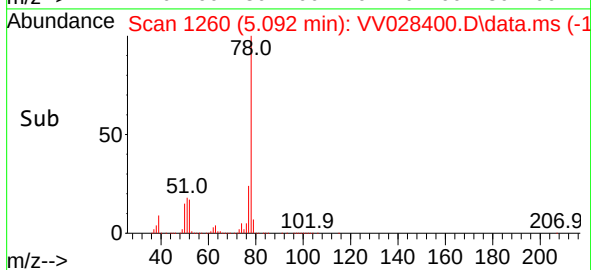
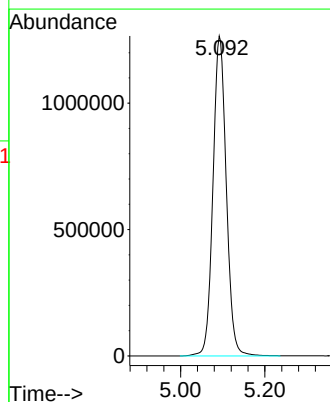
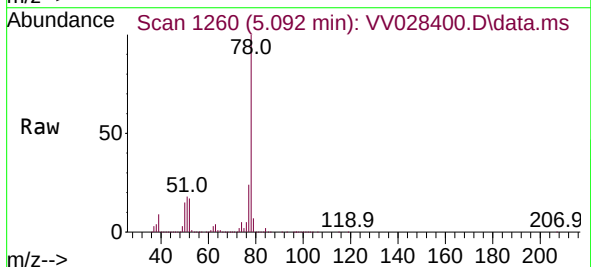
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

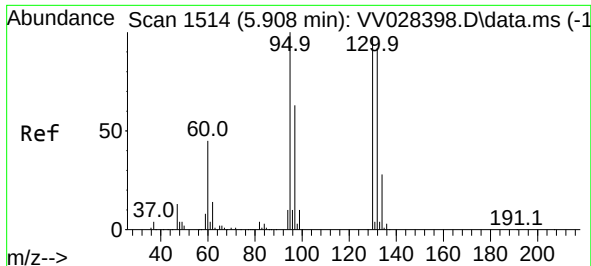
Tgt Ion:117 Resp: 932799
Ion Ratio Lower Upper
117 100
119 95.4 78.0 117.0



#33
Benzene
Concen: 195.740 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 78 Resp: 2774300

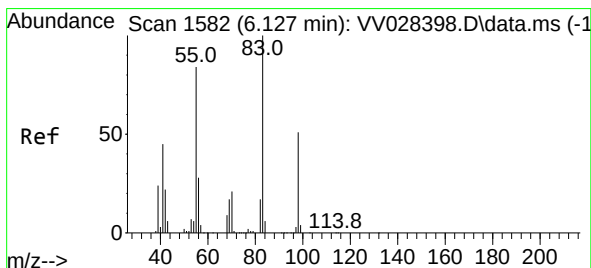
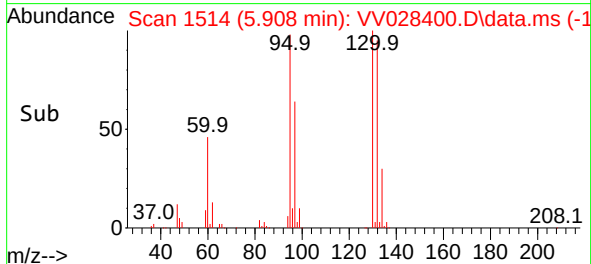
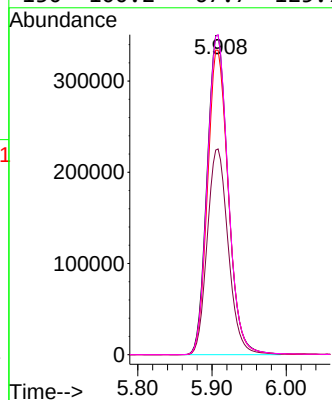
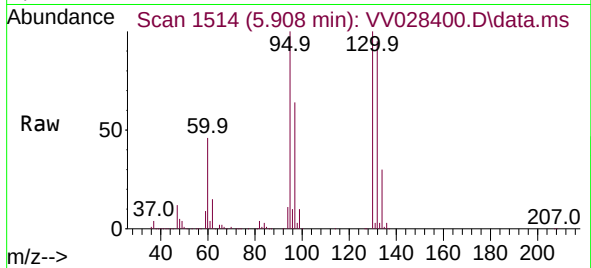




#34
Trichloroethene
Concen: 188.884 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

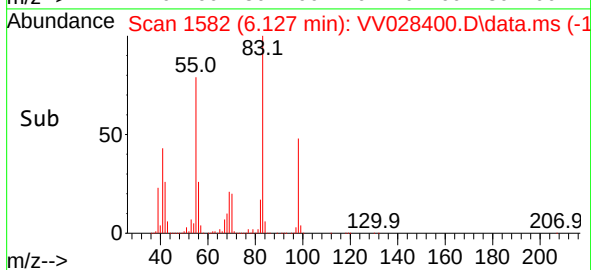
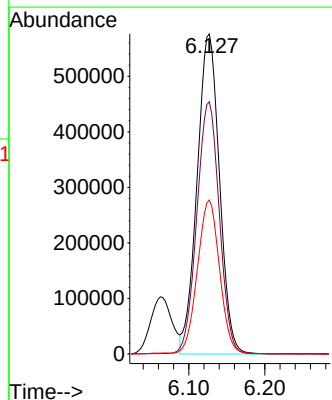
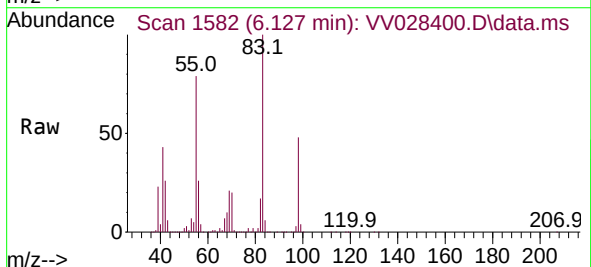
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

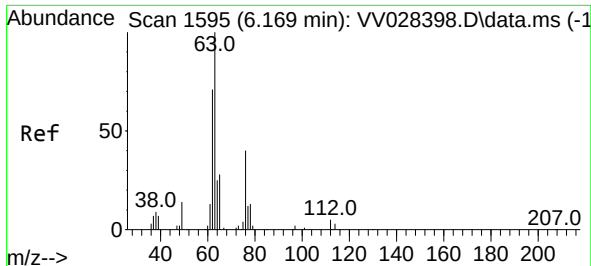
Tgt Ion: 95 Resp: 689774
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.4
132 95.3 64.3 119.5
130 100.2 67.7 125.7



#35
Methylcyclohexane
Concen: 212.474 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 83 Resp: 1177354
Ion Ratio Lower Upper
83 100
55 79.1 63.7 95.5
98 47.9 38.2 57.2





#37

1,2-Dichloropropane

Concen: 203.815 ug/L

RT: 6.165 min Scan# 1595

Delta R.T. -0.003 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

MSVOA_V

ClientSampleId :

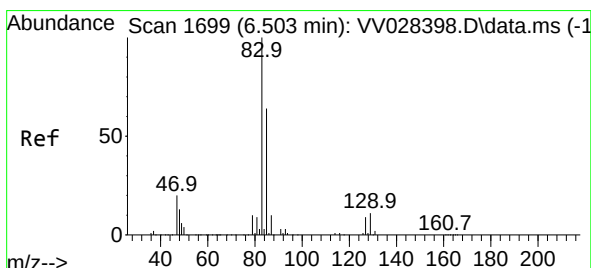
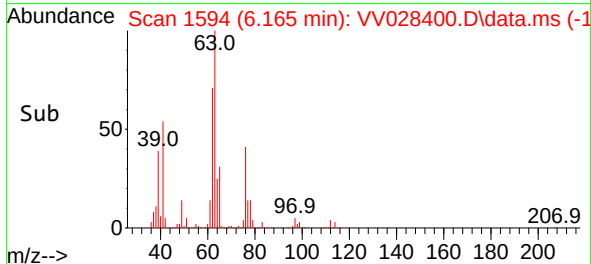
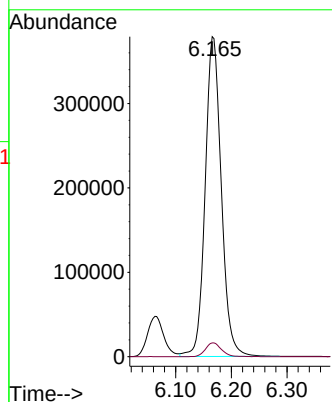
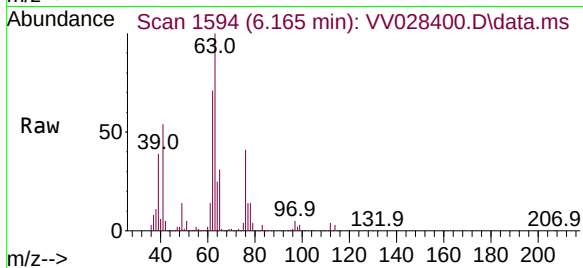
VSTD200268

Tgt Ion: 63 Resp: 761150

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 196.937 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

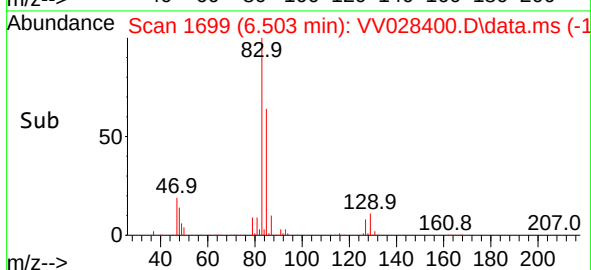
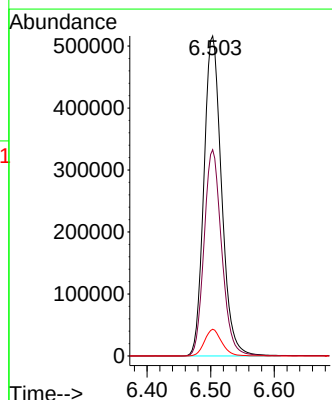
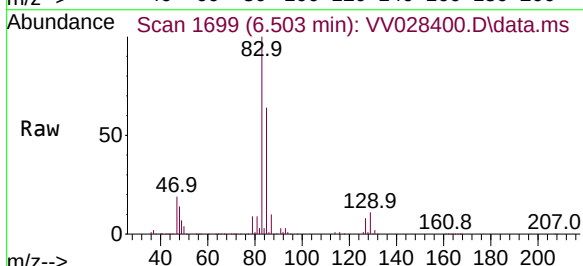
Tgt Ion: 83 Resp: 993373

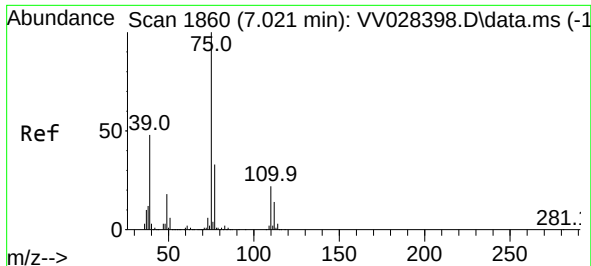
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 231.701 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

MSVOA_V

ClientSampleId :

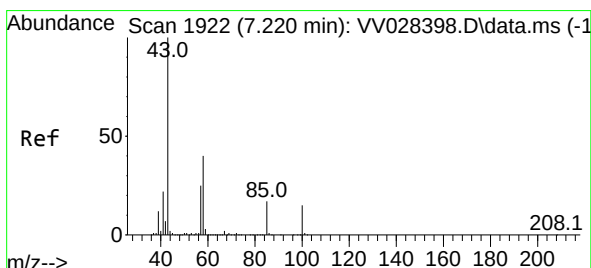
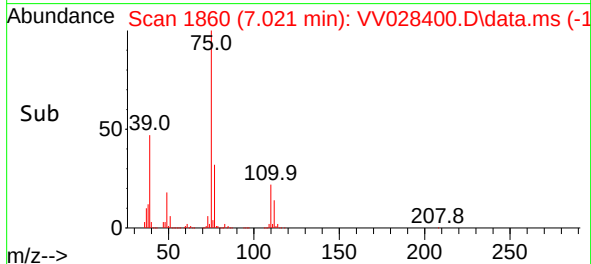
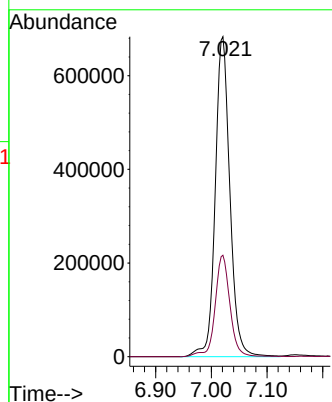
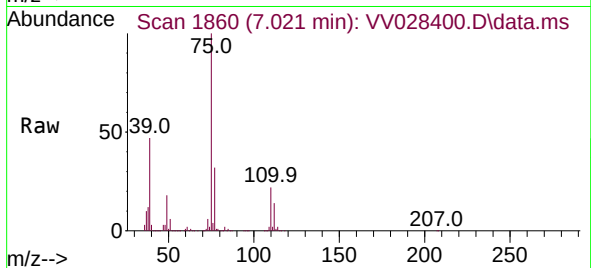
VSTD200268

Tgt Ion: 75 Resp: 1248699

Ion Ratio Lower Upper

75 100

77 31.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 525.257 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

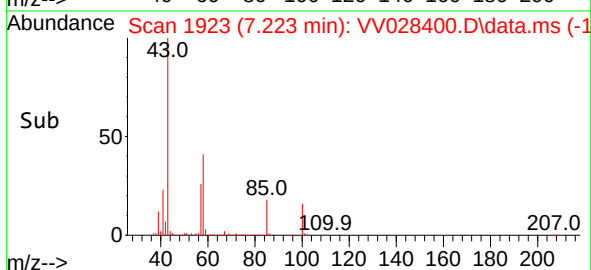
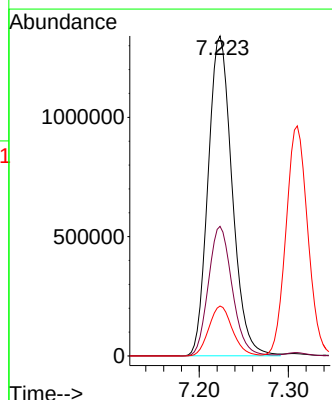
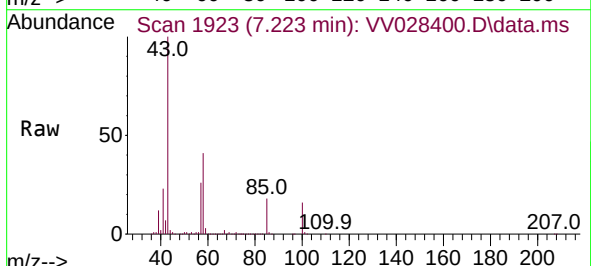
Tgt Ion: 43 Resp: 2509758

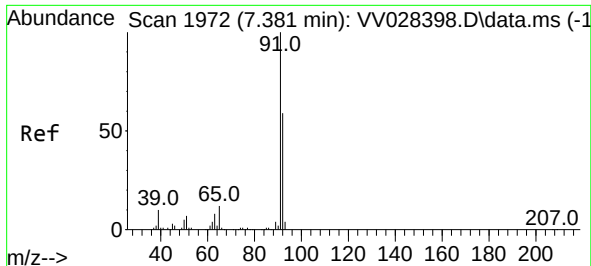
Ion Ratio Lower Upper

43 100

58 40.2 31.3 46.9

100 15.3 11.5 17.3





#42

Toluene

Concen: 199.947 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

MSVOA_V

ClientSampleId :

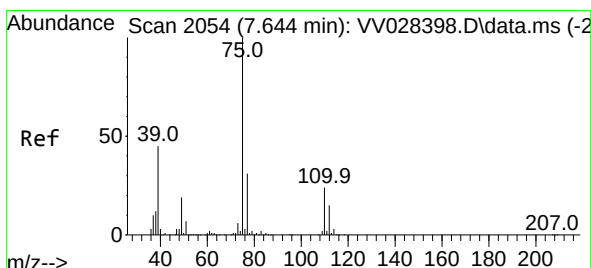
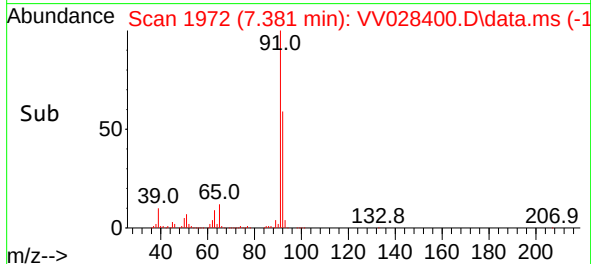
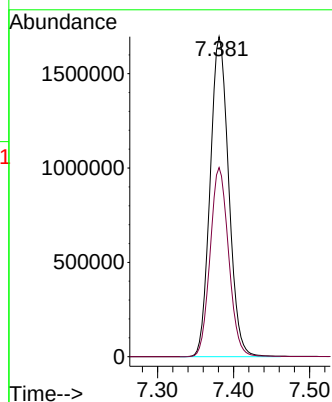
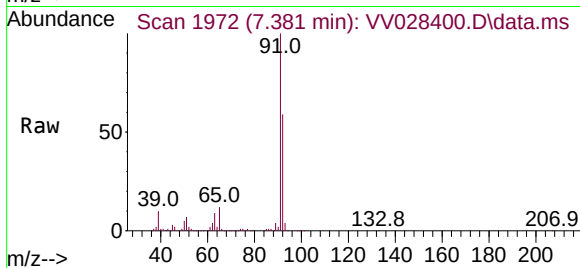
VSTD200268

Tgt Ion: 91 Resp: 2872387

Ion Ratio Lower Upper

91 100

92 59.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 229.676 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.003 min

Lab File: VV028400.D

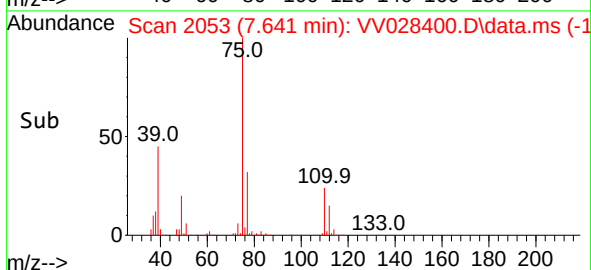
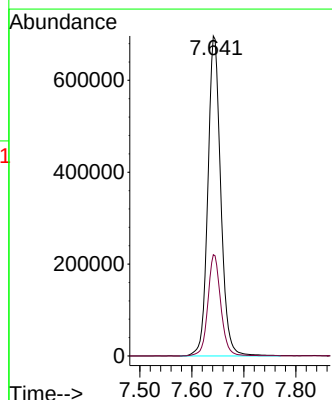
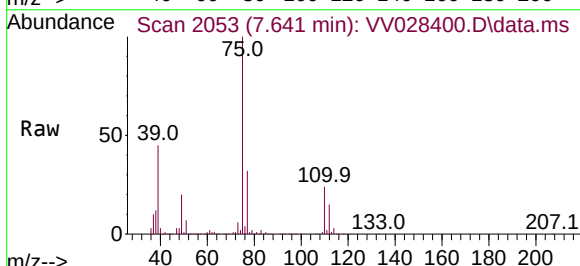
Acq: 07 Oct 2022 11:52

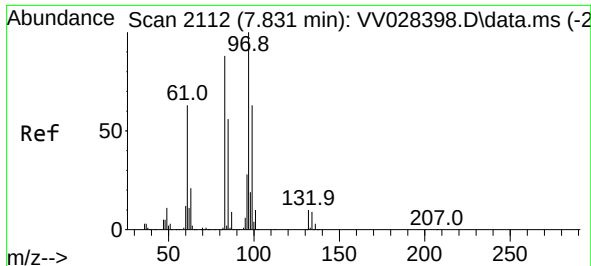
Tgt Ion: 75 Resp: 1199422

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



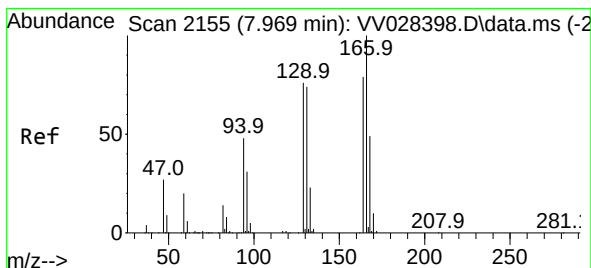
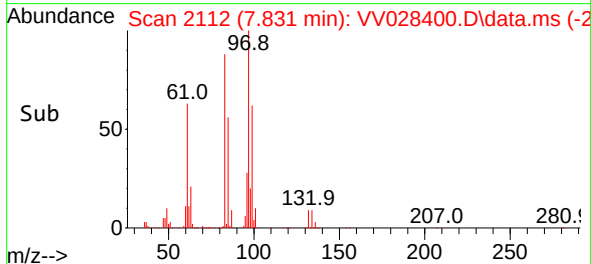
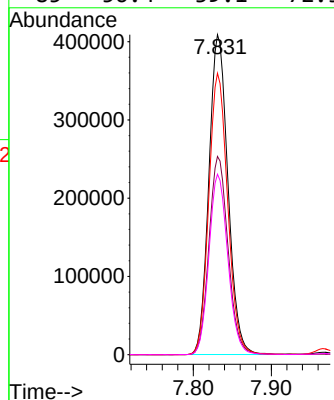
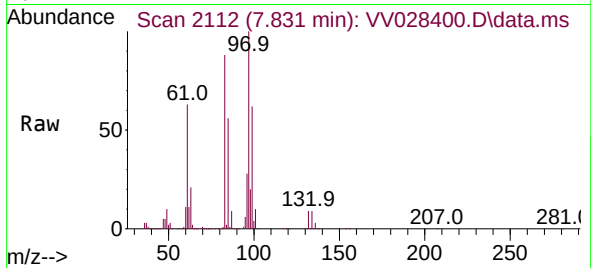


#45
1,1,2-Trichloroethane
Concen: 179.568 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

Tgt Ion: 97 Resp: 693871

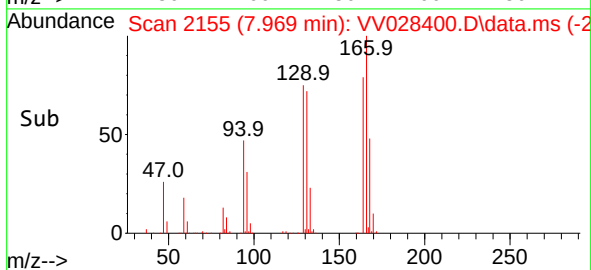
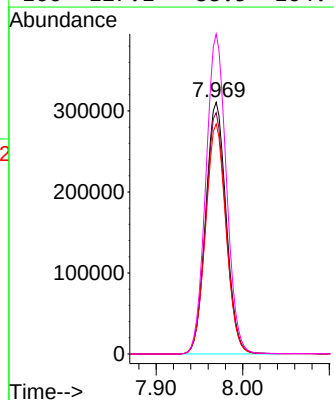
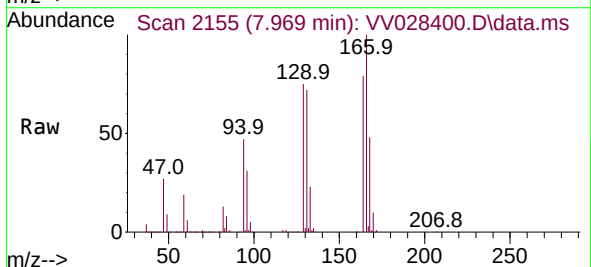
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.9	81.5
83	87.9	61.9	114.9
85	56.4	39.1	72.5

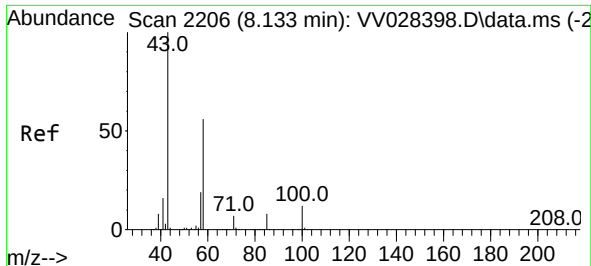


#46
Tetrachloroethene
Concen: 182.967 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 164 Resp: 512199

Ion	Ratio	Lower	Upper
164	100		
129	95.9	67.4	125.2
131	91.4	65.2	121.2
166	127.1	88.5	164.4



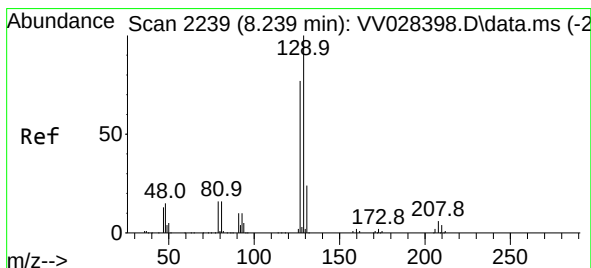
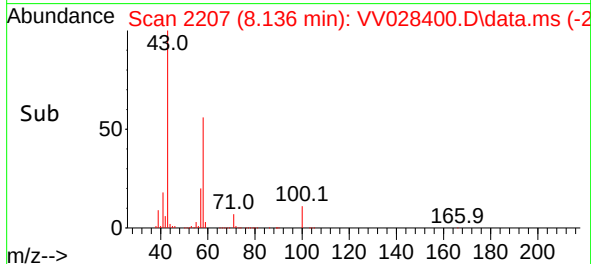
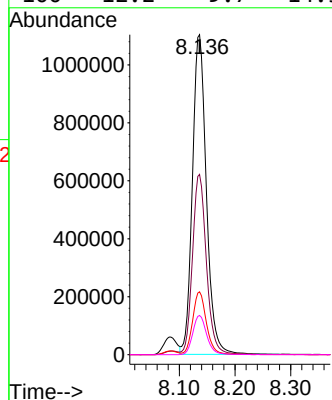
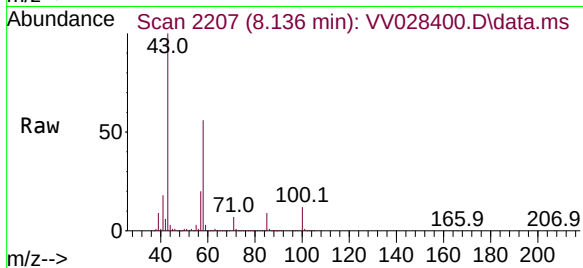


#48
2-Hexanone
Concen: 527.181 ug/L
RT: 8.136 min Scan# 2206
Delta R.T. 0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

Tgt Ion: 43 Resp: 1924751

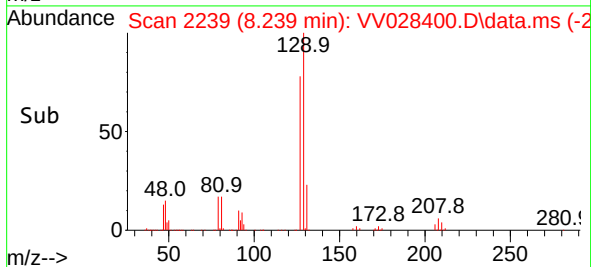
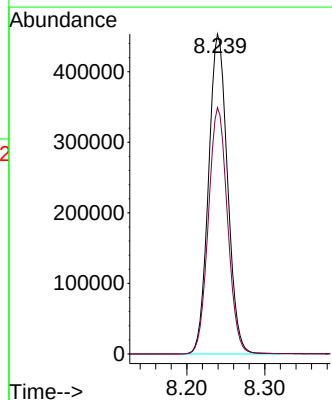
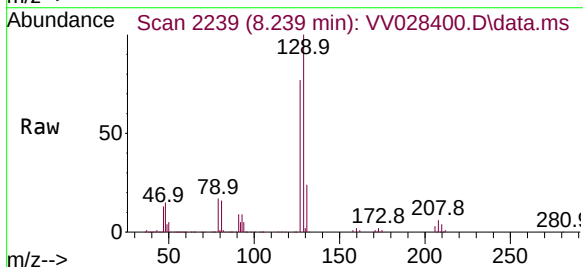
Ion	Ratio	Lower	Upper
43	100		
58	56.0	43.9	65.9
57	19.2	15.1	22.7
100	12.2	9.7	14.5

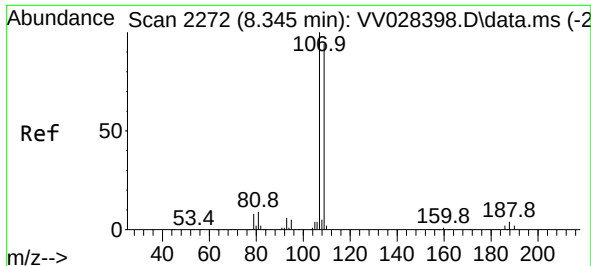


#49
Dibromochloromethane
Concen: 188.294 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 129 Resp: 767757

Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.6	99.6





#50

1,2-Dibromoethane

Concen: 183.446 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD200268

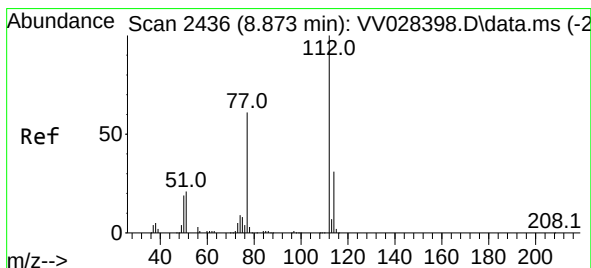
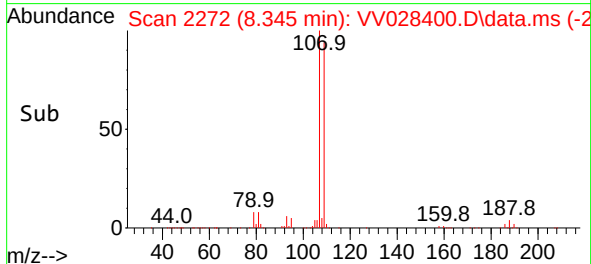
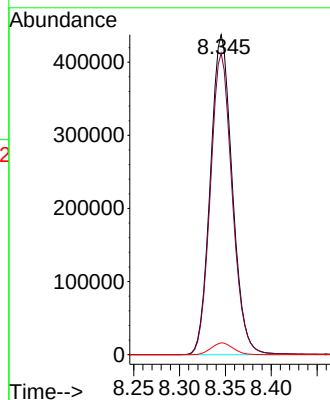
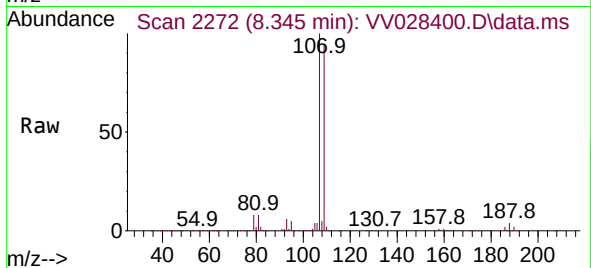
Tgt Ion:107 Resp: 728293

Ion Ratio Lower Upper

107 100

109 94.2 65.9 122.5

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 184.517 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

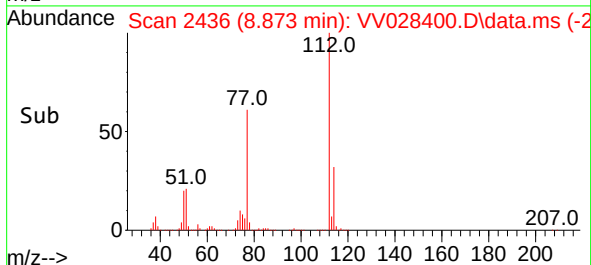
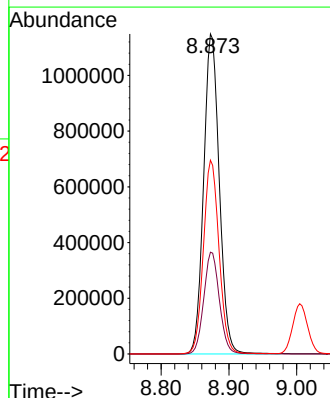
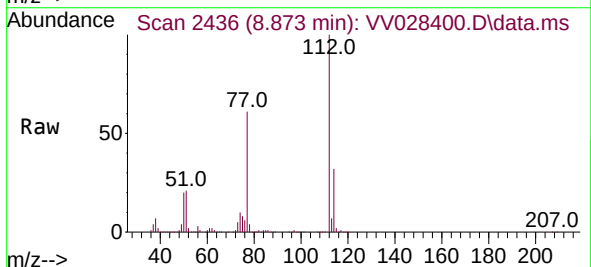
Tgt Ion:112 Resp: 1841911

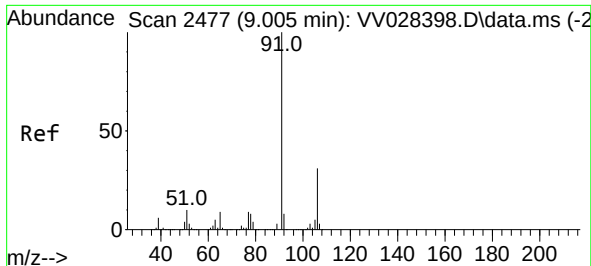
Ion Ratio Lower Upper

112 100

114 31.8 21.7 40.3

77 60.5 48.7 73.1

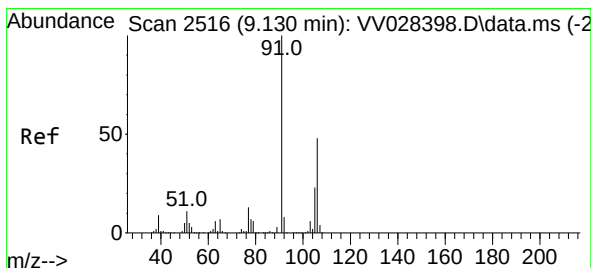
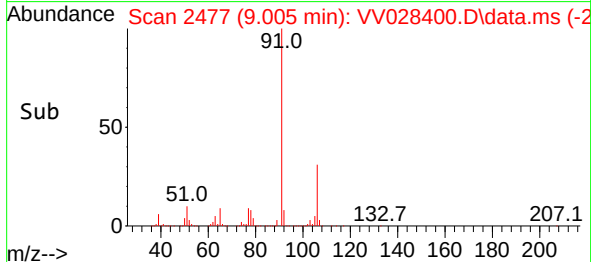
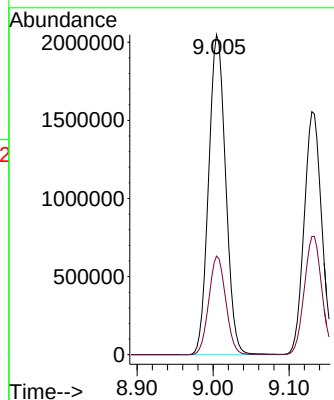
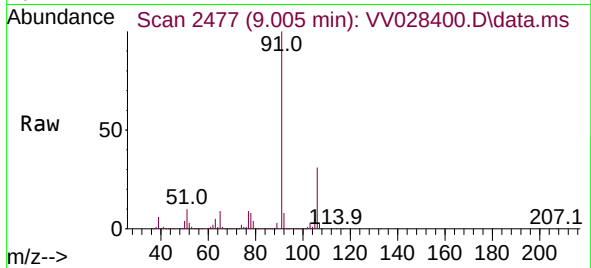




#52
Ethylbenzene
Concen: 210.209 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

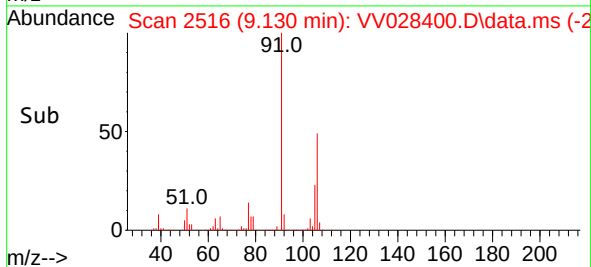
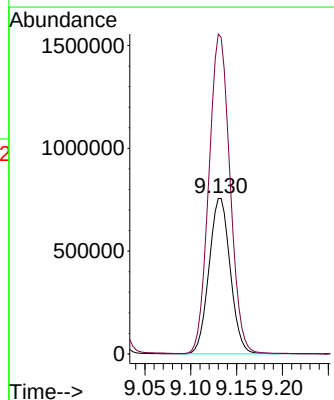
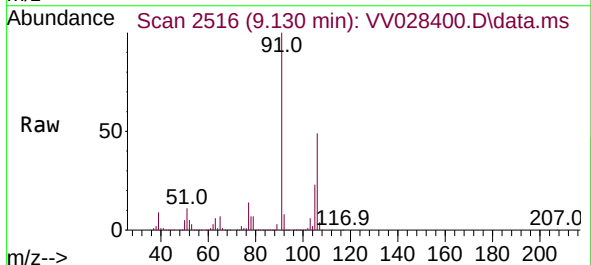
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

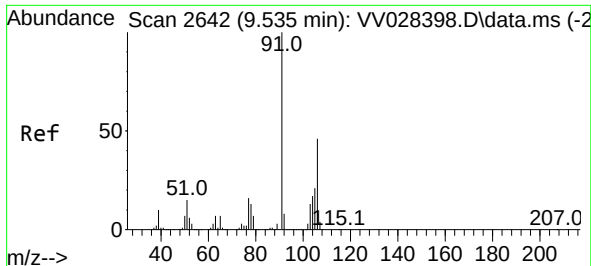
Tgt Ion: 91 Resp: 3188059
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8



#53
m,p-Xylene
Concen: 207.905 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion:106 Resp: 1216332
Ion Ratio Lower Upper
106 100
91 205.7 145.2 269.6

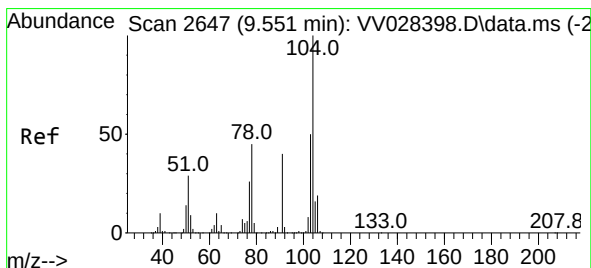
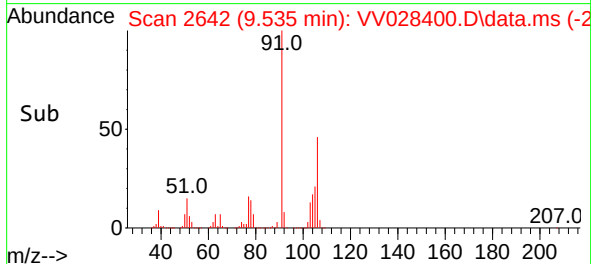
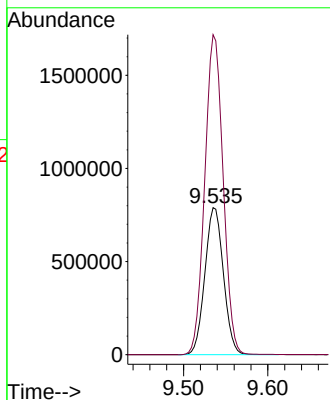
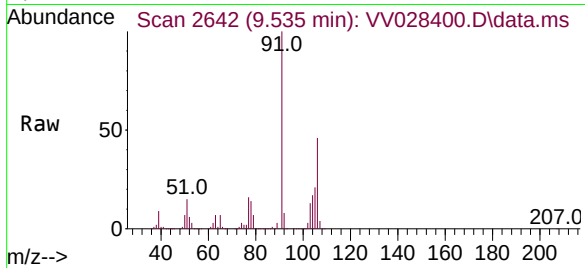




#54
o-Xylene
Concen: 211.278 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

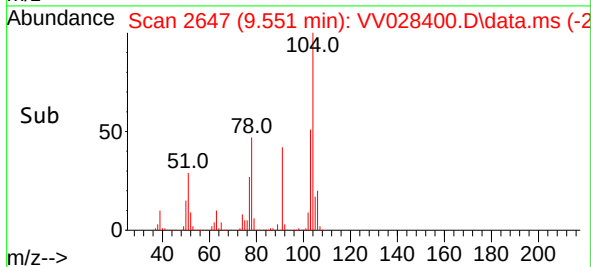
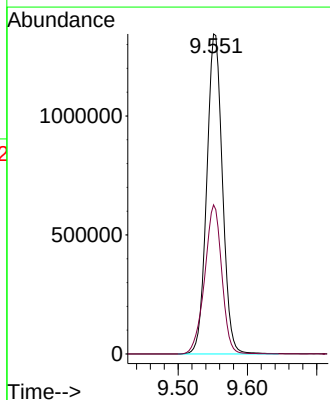
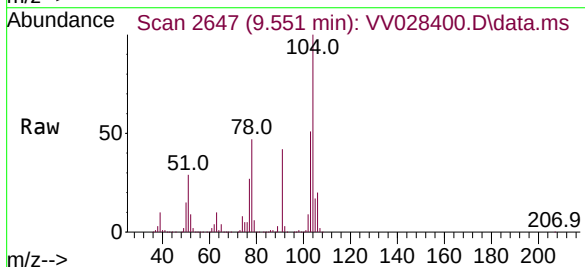
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

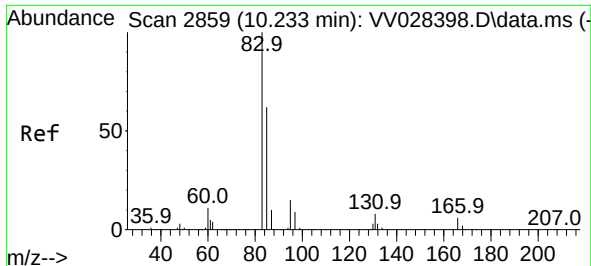
Tgt Ion:106 Resp: 1209218
Ion Ratio Lower Upper
106 100
91 217.5 152.5 283.3



#55
Styrene
Concen: 213.102 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion:104 Resp: 2112128
Ion Ratio Lower Upper
104 100
78 46.6 31.9 59.2





#57

1,1,2-Tetrachloroethane

Concen: 189.273 ug/L

RT: 10.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD200268

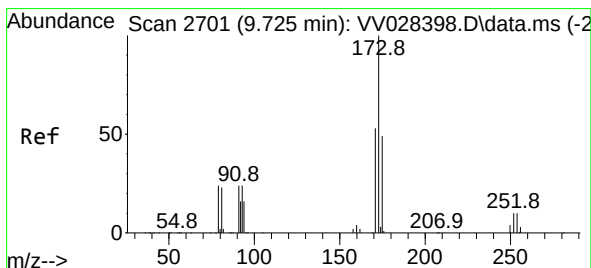
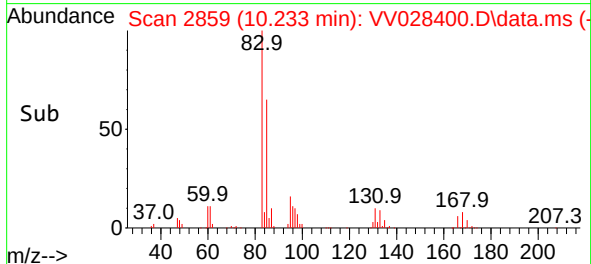
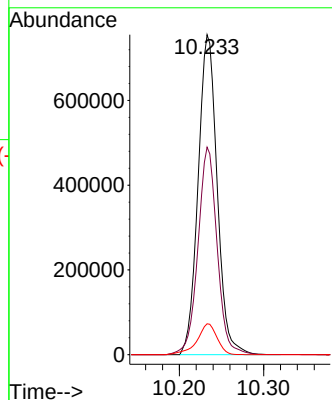
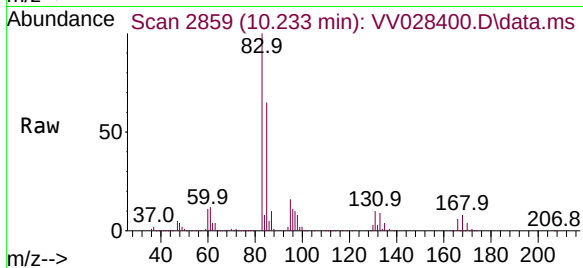
Tgt Ion: 83 Resp: 1190609

Ion Ratio Lower Upper

83 100

85 64.8 44.8 83.2

131 9.7 7.2 10.8



#59

Bromoform

Concen: 212.417 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.003 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

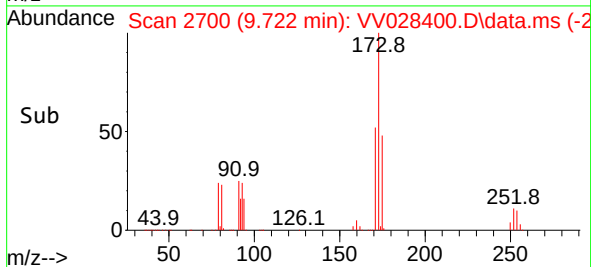
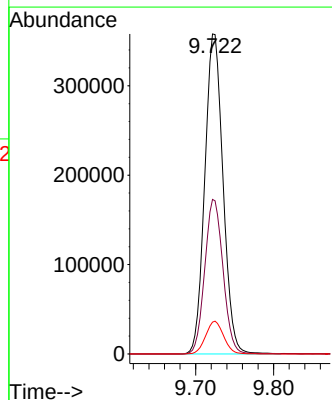
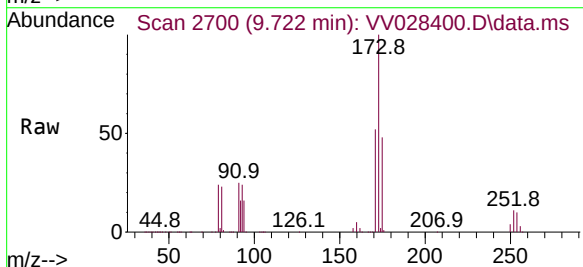
Tgt Ion: 173 Resp: 581981

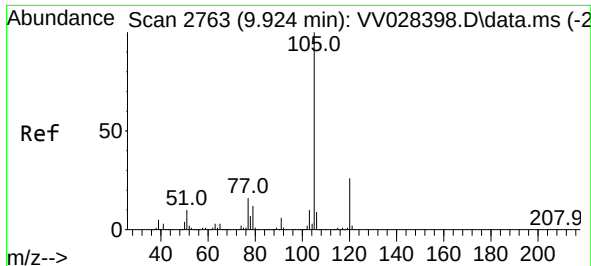
Ion Ratio Lower Upper

173 100

175 48.3 38.6 57.8

254 10.1 8.4 12.6

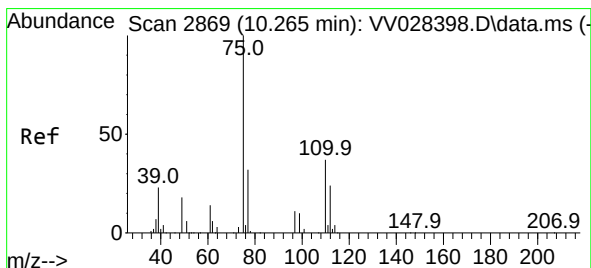
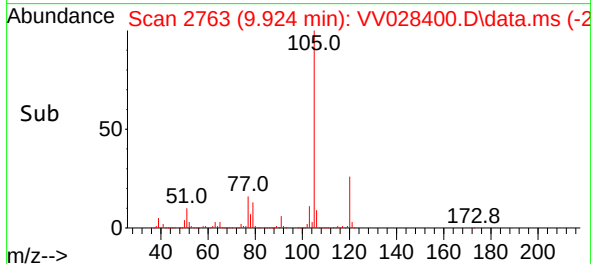
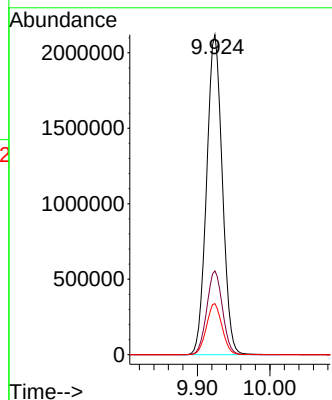
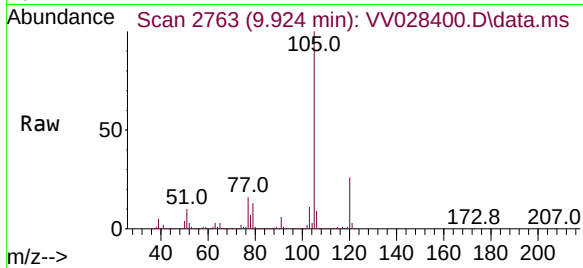




#60
Isopropylbenzene
Concen: 218.138 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

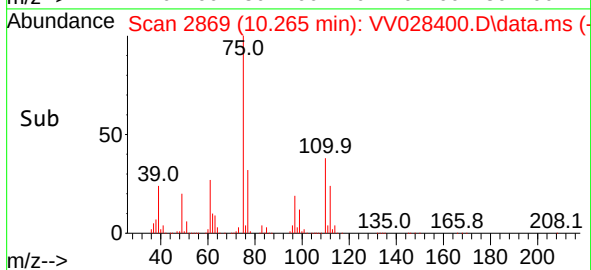
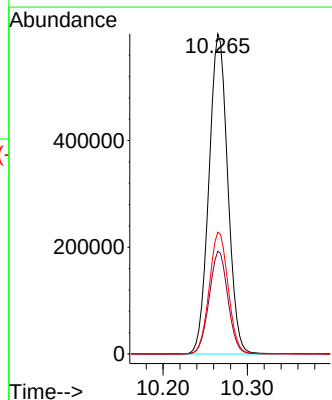
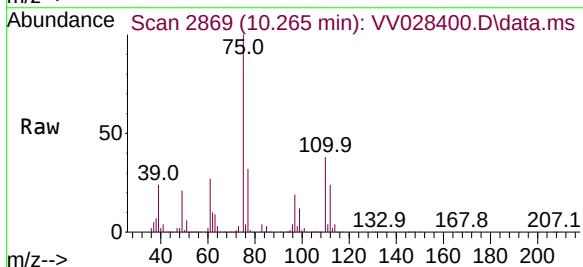
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

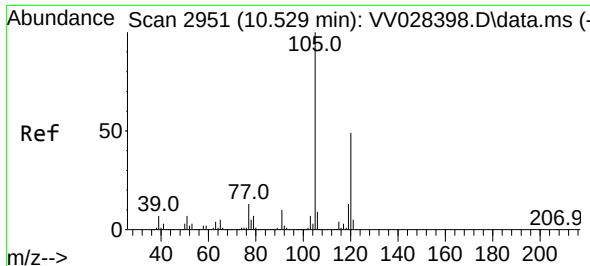
Tgt Ion:105 Resp: 3184421
Ion Ratio Lower Upper
105 100
120 26.2 20.5 30.7
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 191.562 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion: 75 Resp: 929227
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 38.4 30.0 45.0

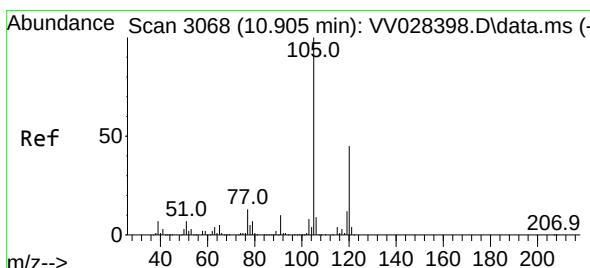
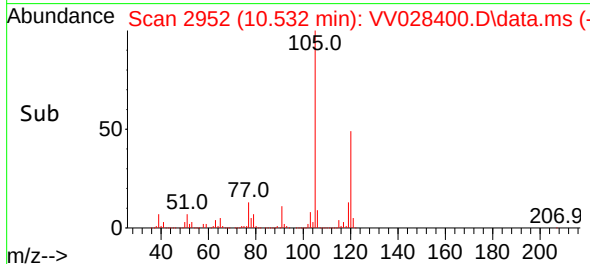
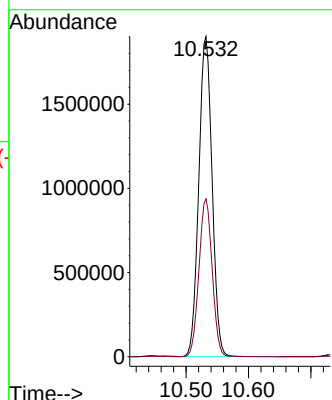
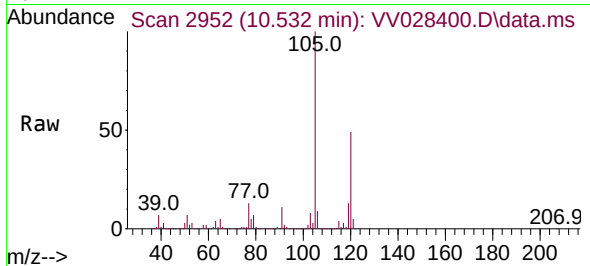




#62
1,3,5-Trimethylbenzene
Concen: 233.051 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

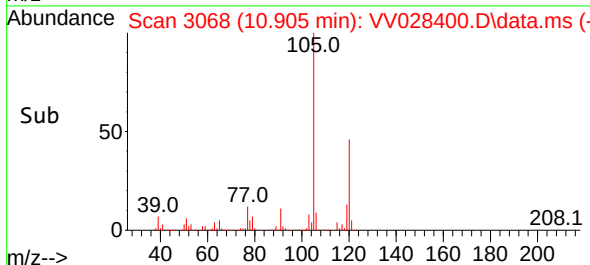
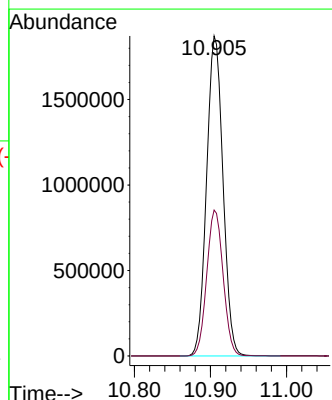
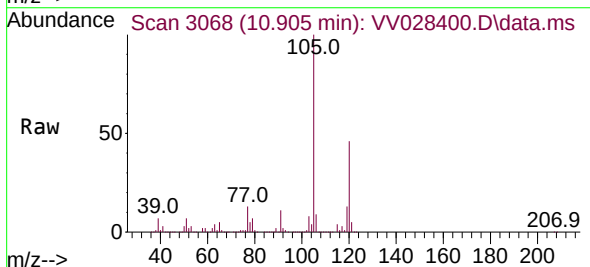
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

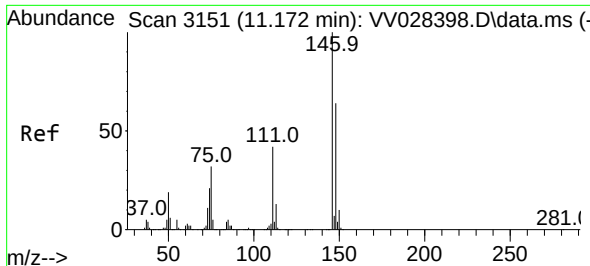
Tgt Ion:105 Resp: 2812405
Ion Ratio Lower Upper
105 100
120 49.0 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 233.031 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion:105 Resp: 2799582
Ion Ratio Lower Upper
105 100
120 45.6 35.9 53.9

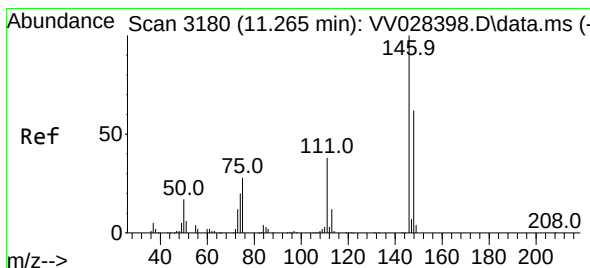
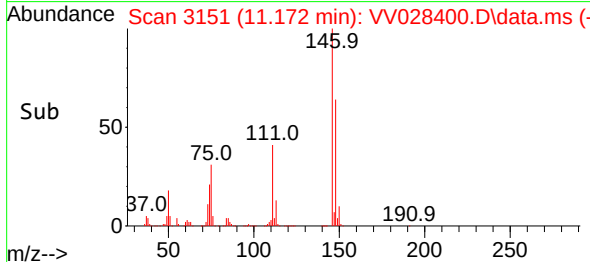
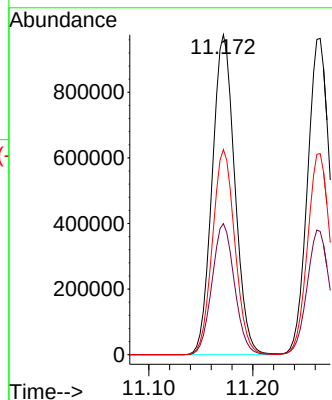
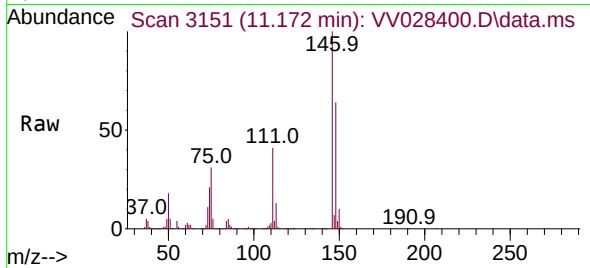




#64
1,3-Dichlorobenzene
Concen: 203.592 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

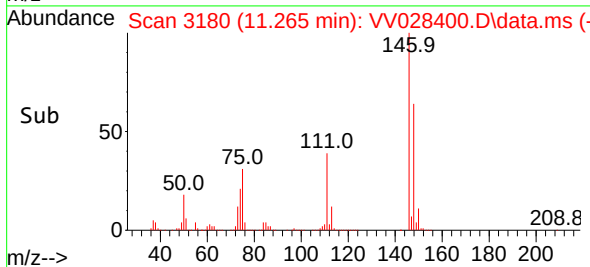
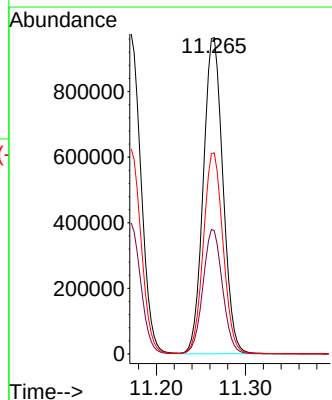
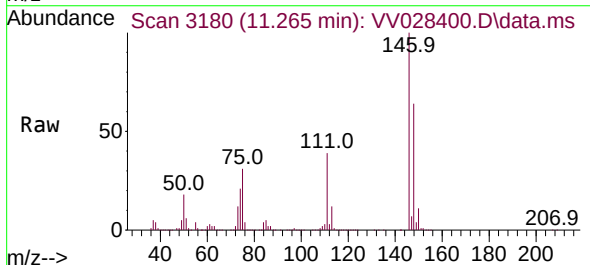
Instrument :
MSVOA_V
ClientSampleId :
VSTD200268

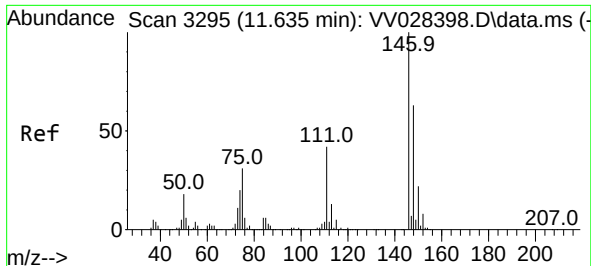
Tgt Ion:146 Resp: 1473721
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.9
148 64.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 193.042 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028400.D
Acq: 07 Oct 2022 11:52

Tgt Ion:146 Resp: 1472757
Ion Ratio Lower Upper
146 100
111 38.9 26.6 49.4
148 63.6 43.4 80.6

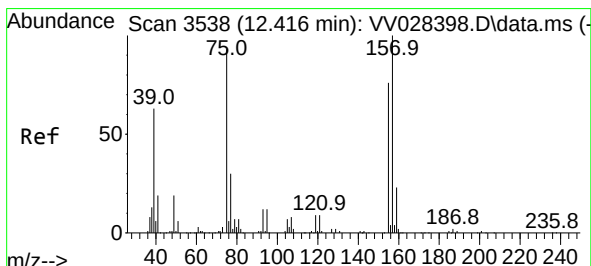
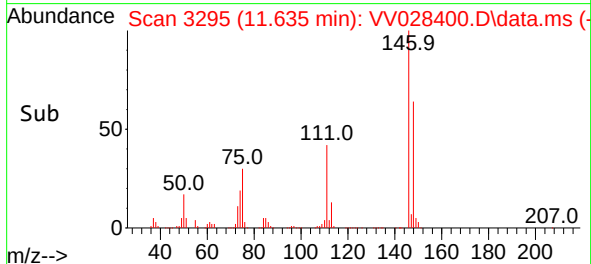
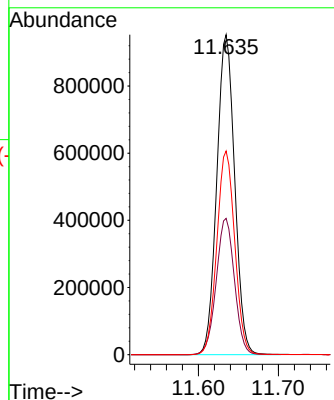
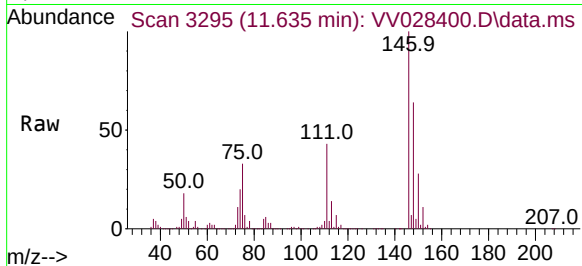




#67
 1,2-Dichlorobenzene
 Concen: 198.789 ug/L
 RT: 11.635 min Scan# 3295
 Delta R.T. 0.000 min
 Lab File: VV028400.D
 Acq: 07 Oct 2022 11:52

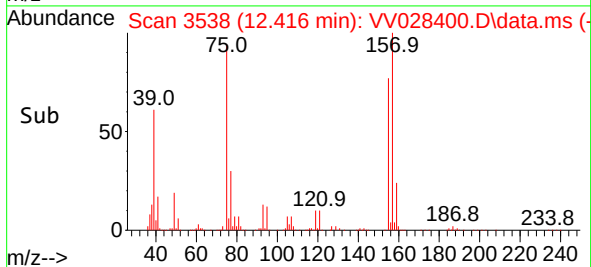
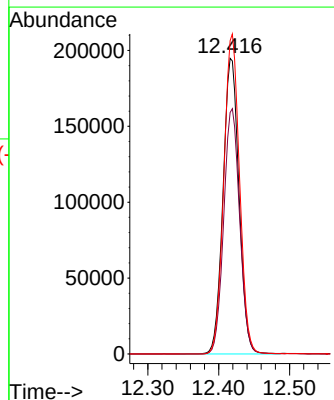
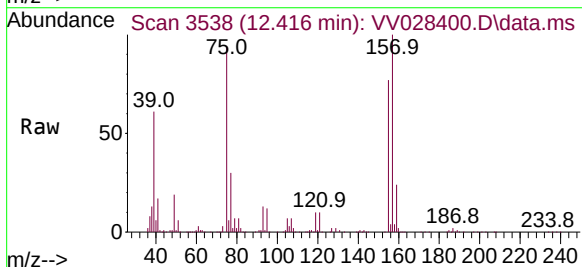
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200268

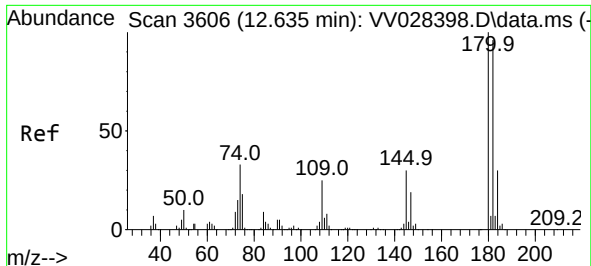
Tgt Ion:146 Resp: 1474654
 Ion Ratio Lower Upper
 146 100
 111 42.6 33.9 50.9
 148 63.7 50.6 75.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 228.783 ug/L
 RT: 12.416 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: VV028400.D
 Acq: 07 Oct 2022 11:52

Tgt Ion: 75 Resp: 305630
 Ion Ratio Lower Upper
 75 100
 155 81.6 65.0 97.6
 157 105.9 86.0 129.0

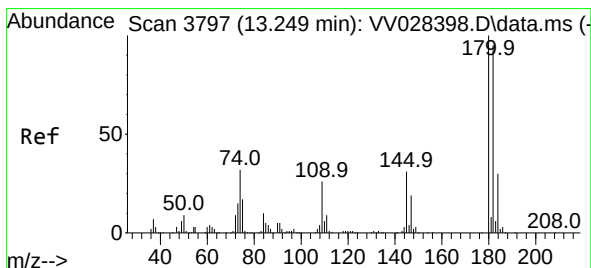
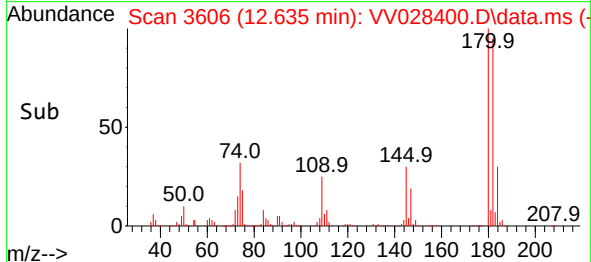
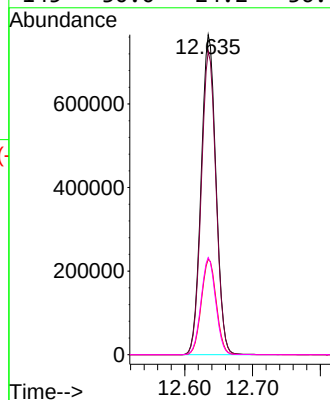
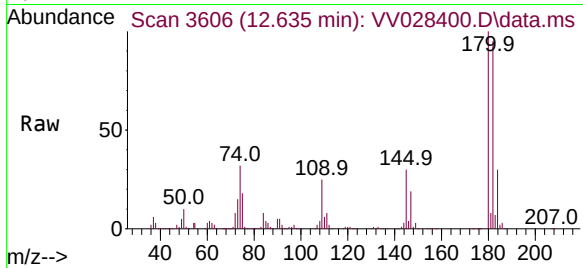




#69
 1,3,5-Trichlorobenzene
 Concen: 220.980 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028400.D
 Acq: 07 Oct 2022 11:52

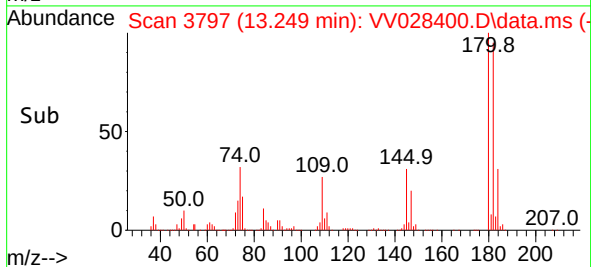
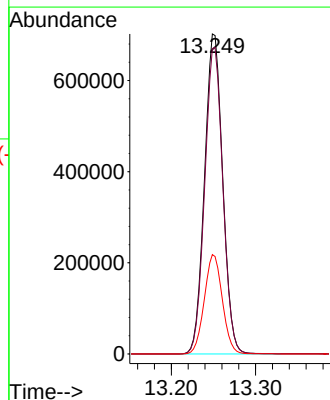
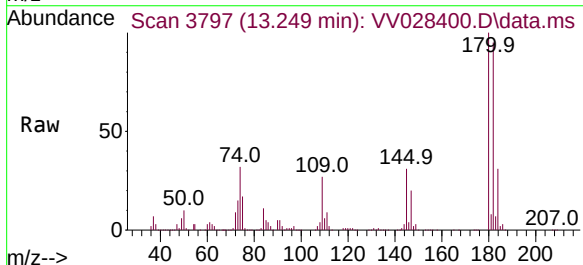
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200268

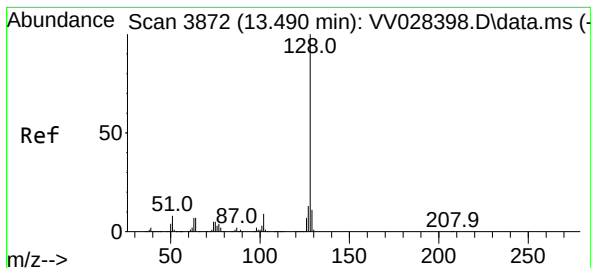
Tgt Ion:180 Resp: 1158382
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.9 113.9
 184 30.1 24.0 36.0
 145 30.0 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 234.619 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV028400.D
 Acq: 07 Oct 2022 11:52

Tgt Ion:180 Resp: 1056938
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.3 112.9
 145 30.8 24.3 36.5





#71

Naphthalene

Concen: 245.737 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Instrument :

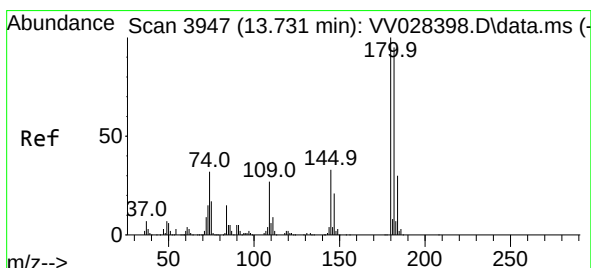
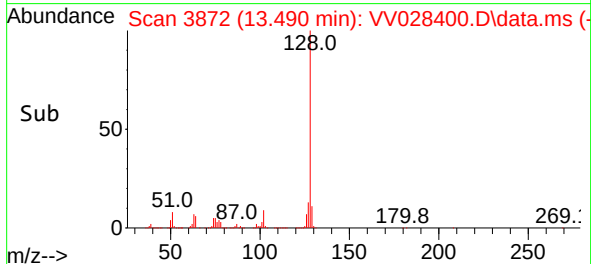
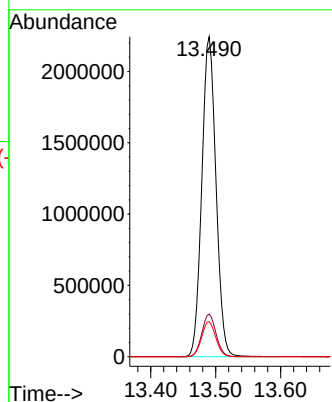
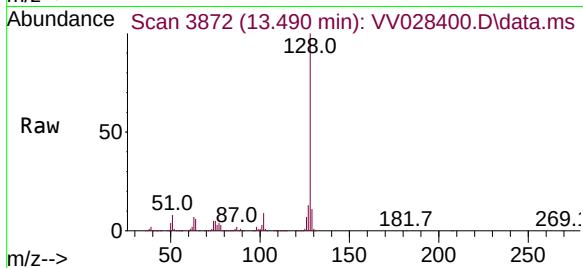
MSVOA_V

ClientSampleId :

VSTD200268

Tgt Ion:128 Resp: 3409967

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.9	8.9	13.3



#72

1,2,3-Trichlorobenzene

Concen: 223.554 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV028400.D

Acq: 07 Oct 2022 11:52

Tgt Ion:180 Resp: 1019879

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	32.6	26.5	39.7

