

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029412.D
 Acq On : 07 Dec 2022 12:22
 Operator : SY/MD
 Sample : VSTD05078
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050278

Quant Time: Dec 08 00:32:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	502956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	457414	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	251432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	146489	47.142	ug/L	0.00
7) Chloroethane-d5	1.551	69	114402	45.141	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	236923	43.399	ug/L	0.00
21) 2-Butanone-d5	3.866	46	185138	73.554	ug/L	0.00
24) Chloroform-d	4.336	84	283872	43.799	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	162656	42.206	ug/L	0.00
32) Benzene-d6	5.040	84	591903	46.680	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	179379	44.853	ug/L	0.00
41) Toluene-d8	7.307	98	561345	47.662	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	91061	46.107	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	158689	92.341	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	258299	48.579	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	231190	45.403	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	205897	58.990	ug/L	100
3) Chloromethane	1.240	50	226772	63.869	ug/L	100
5) Vinyl chloride	1.307	62	189135	54.875	ug/L	100
6) Bromomethane	1.500	94	88441	49.940	ug/L	100
8) Chloroethane	1.571	64	107989	52.257	ug/L	100
9) Trichlorofluoromethane	1.744	101	240199	49.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	131742	48.290	ug/L	100
12) 1,1-Dichloroethene	2.111	96	134357	52.538	ug/L	100
13) Acetone	2.153	43	116307	68.976	ug/L	100
14) Carbon disulfide	2.285	76	452855	62.807	ug/L	100
15) Methyl Acetate	2.420	43	139149	39.675	ug/L	100
16) Methylene chloride	2.497	84	168102	49.074	ug/L	100
17) trans-1,2-Dichloroethene	2.751	96	157430	52.477	ug/L	100
18) Methyl tert-butyl Ether	2.760	73	485978	47.228	ug/L	100
19) 1,1-Dichloroethane	3.178	63	269960	47.365	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	174140	49.739	ug/L	100
22) 2-Butanone	3.950	43	197406	80.592	ug/L	100
23) Bromochloromethane	4.236	128	89650	47.932	ug/L	100
25) Chloroform	4.362	83	283904	47.330	ug/L	100
27) 1,2-Dichloroethane	5.120	62	199560	47.359	ug/L	100
29) Cyclohexane	4.667	56	250320	53.753	ug/L	100
30) 1,1,1-Trichloroethane	4.596	97	250312	48.971	ug/L	100
31) Carbon tetrachloride	4.818	117	222143	50.114	ug/L	100
33) Benzene	5.088	78	655010	52.873	ug/L	100
34) Trichloroethene	5.905	95	163871	47.542	ug/L	100
35) Methylcyclohexane	6.124	83	279339	56.896	ug/L	100
37) 1,2-Dichloropropane	6.165	63	160478	49.258	ug/L	100
38) Bromodichloromethane	6.500	83	217121	49.001	ug/L	100
39) cis-1,3-Dichloropropene	7.017	75	263859	51.156	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	383437	84.426	ug/L	100
42) Toluene	7.378	91	709900	53.073	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	245455	49.845	ug/L	100

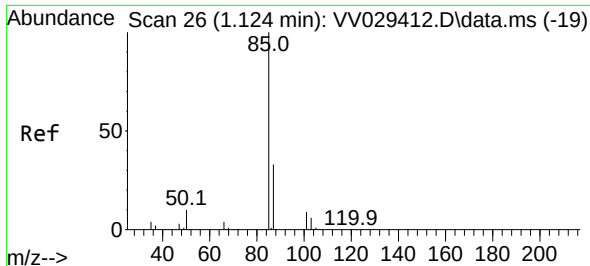
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
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 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	164134	49.653	ug/L	100
46) Tetrachloroethene	7.966	164	132894	51.240	ug/L	100
48) 2-Hexanone	8.133	43	289831	82.942	ug/L	100
49) Dibromochloromethane	8.236	129	182141	48.611	ug/L	100
50) 1,2-Dibromoethane	8.342	107	168834	48.344	ug/L	100
51) Chlorobenzene	8.873	112	448669	50.648	ug/L	100
52) Ethylbenzene	9.005	91	756813	52.290	ug/L	100
53) m,p-Xylene	9.130	106	298702	52.856	ug/L	100
54) o-Xylene	9.535	106	295456	52.290	ug/L	100
55) Styrene	9.551	104	520921	54.658	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	264519	52.937	ug/L	100
59) Bromoform	9.722	173	142675	49.641	ug/L	100
60) Isopropylbenzene	9.921	105	773300	49.925	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	197917	45.438	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	678768	51.455	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	681693	50.930	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	370351	49.679	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	371903	49.563	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	375279	49.326	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	60008	51.218	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	294500	52.401	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	263060	55.107	ug/L	100
71) Naphthalene	13.493	128	598177	45.911	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	260411	55.030	ug/L	100

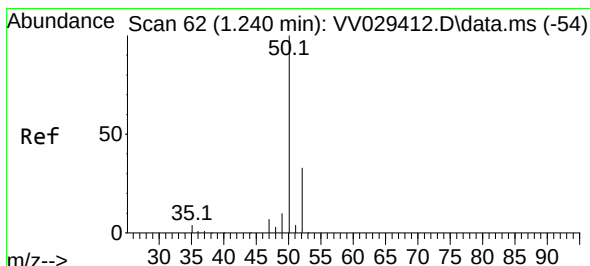
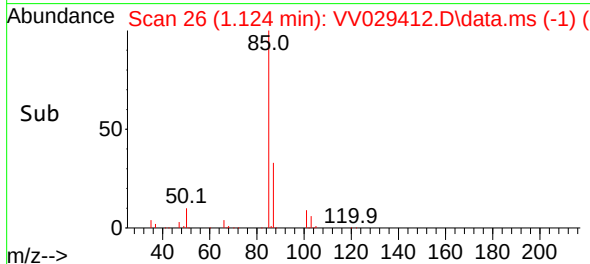
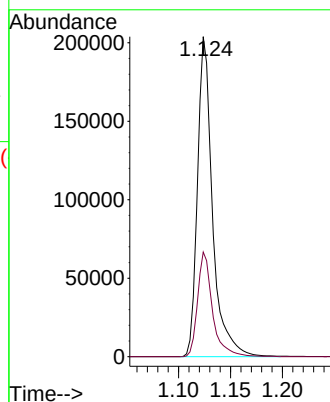
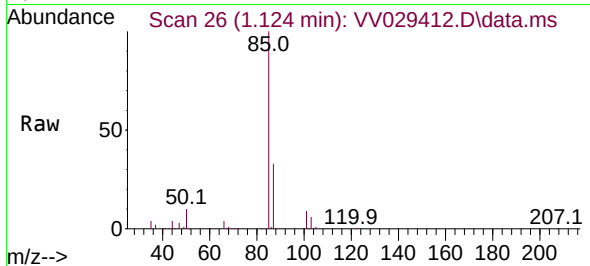
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 58.990 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

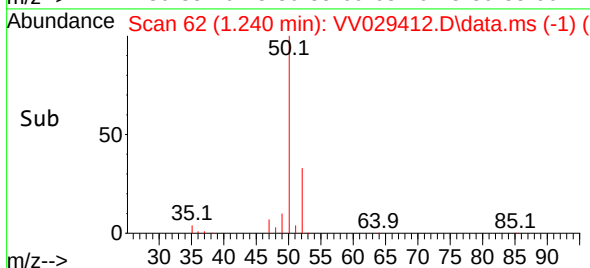
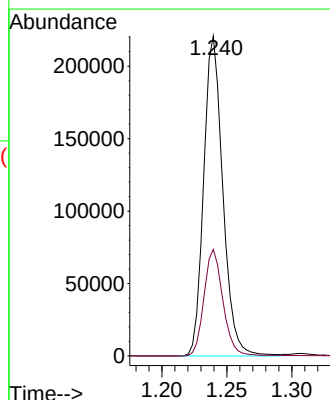
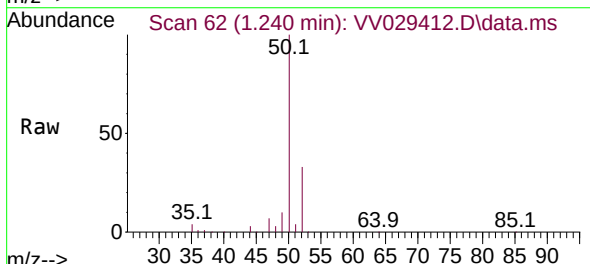
Instrument :
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 ClientSampleId :
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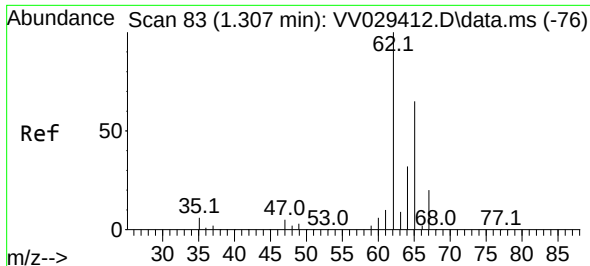
Tgt Ion: 85 Resp: 205897
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 63.869 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

Tgt Ion: 50 Resp: 226772
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

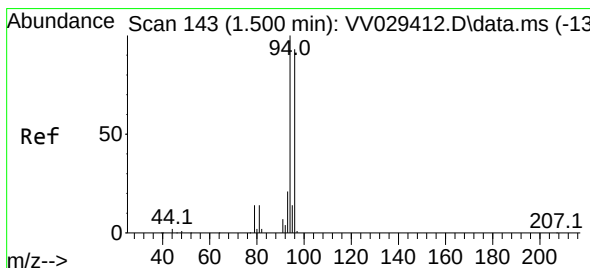
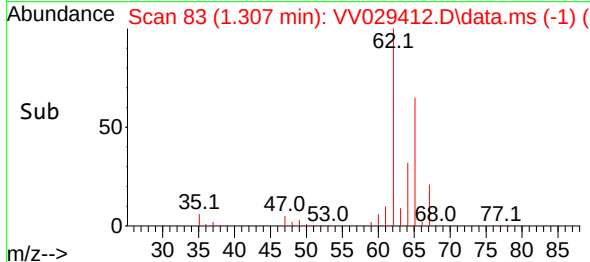
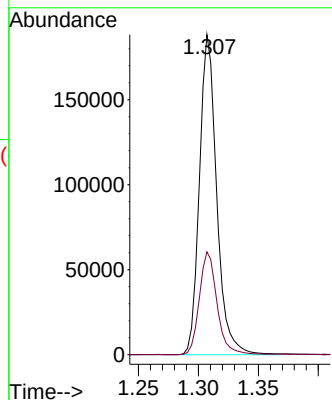
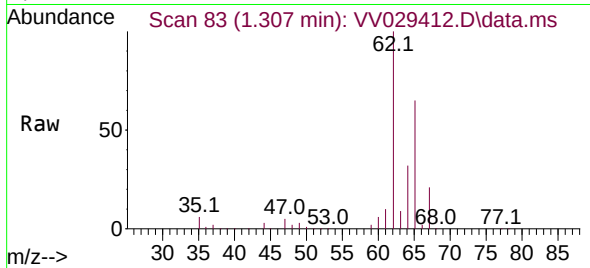




#5
 Vinyl chloride
 Concen: 54.875 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

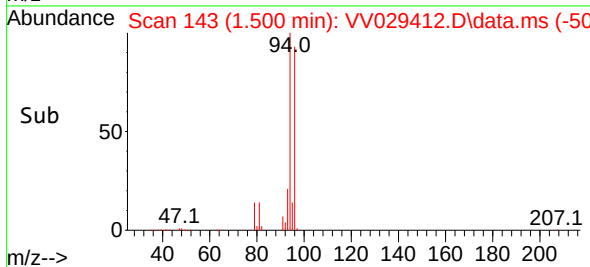
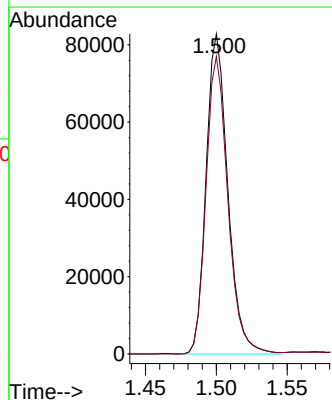
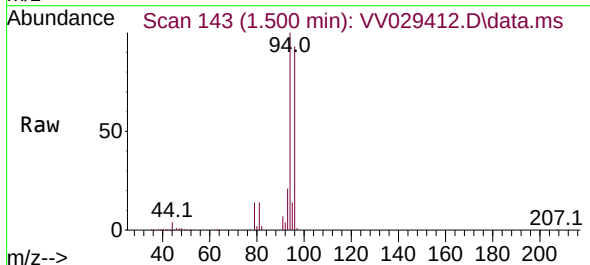
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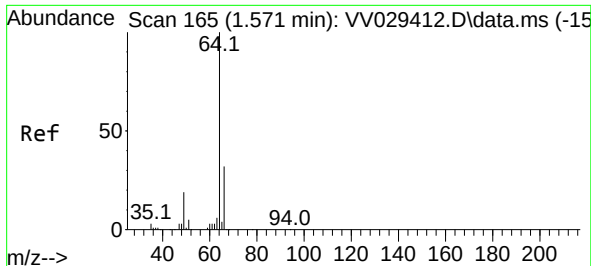
Tgt Ion: 62 Resp: 189135
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.5 41.9



#6
 Bromomethane
 Concen: 49.940 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

Tgt Ion: 94 Resp: 88441
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.1 120.9

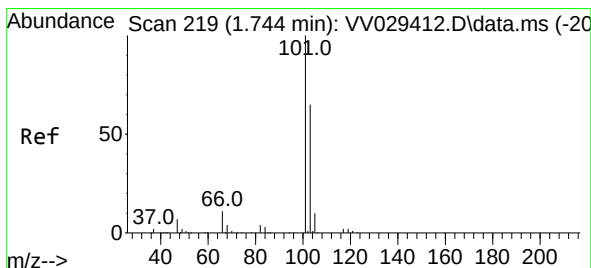
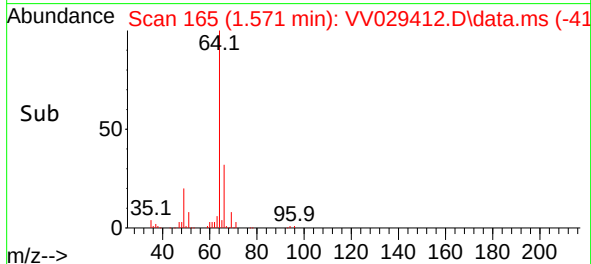
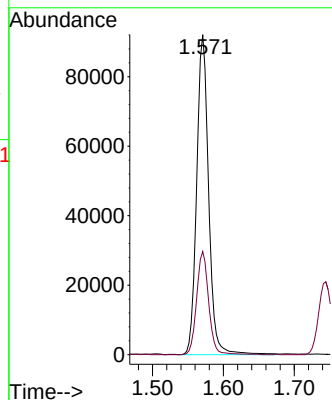
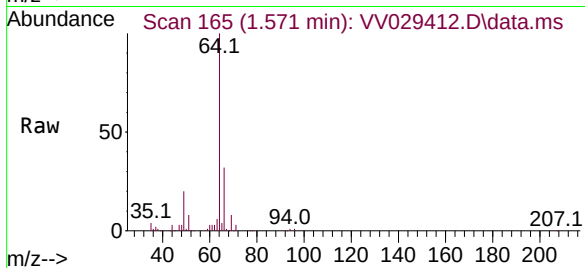




#8
Chloroethane
Concen: 52.257 ug/L
RT: 1.571 min Scan# 165
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

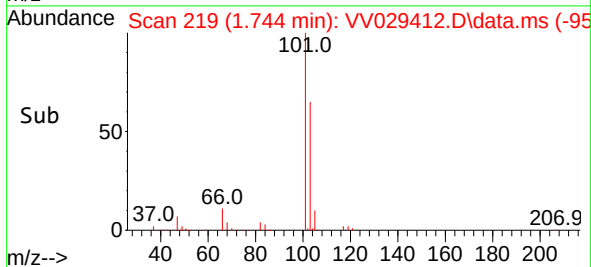
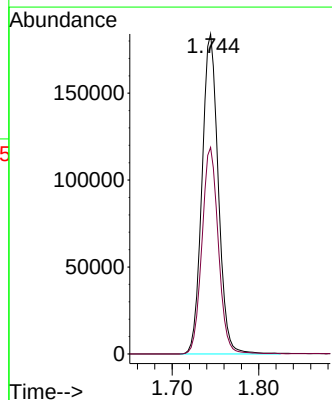
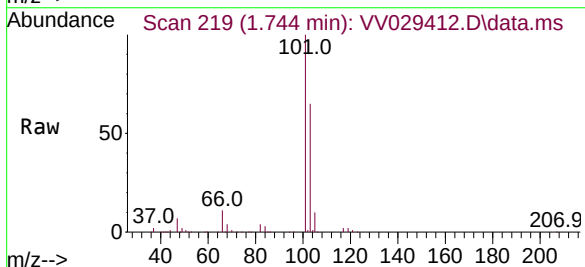
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ClientSampleId :
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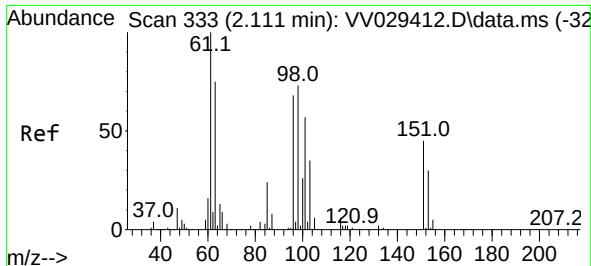
Tgt Ion: 64 Resp: 107989
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 49.487 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion:101 Resp: 240199
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

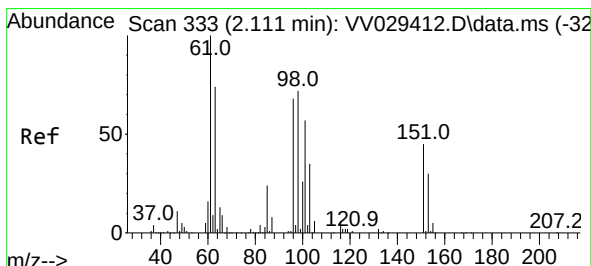
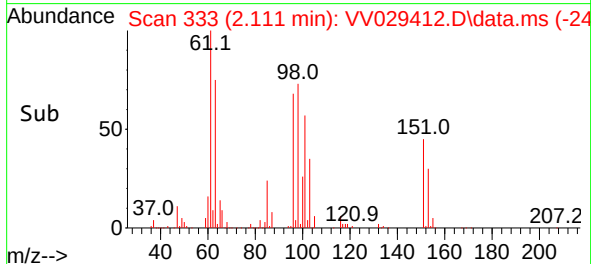
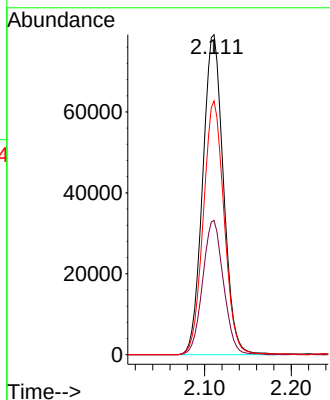
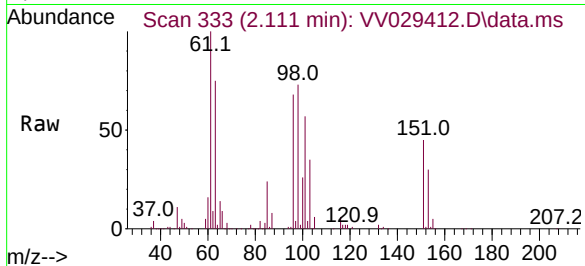




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.290 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

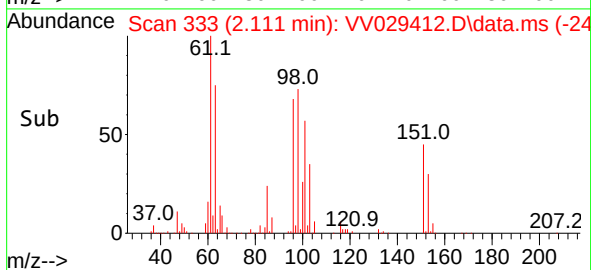
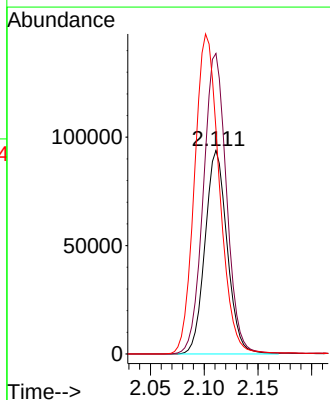
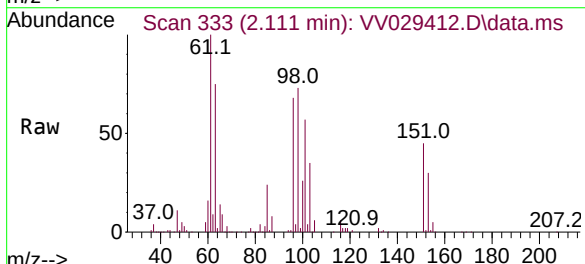
Instrument :
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 ClientSampleId :
 VSTD050278

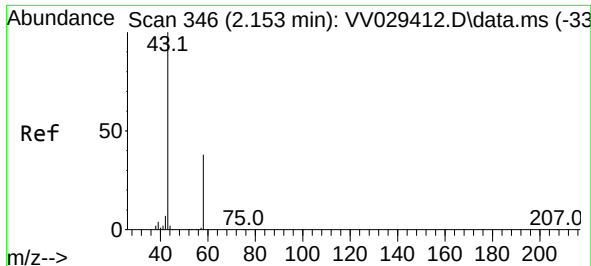
Tgt Ion:101 Resp: 131742
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.6 50.4
 151 79.4 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 52.538 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

Tgt Ion: 96 Resp: 134357
 Ion Ratio Lower Upper
 96 100
 61 147.6 103.3 191.9
 63 110.5 77.3 143.7





#13

Acetone

Concen: 68.976 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

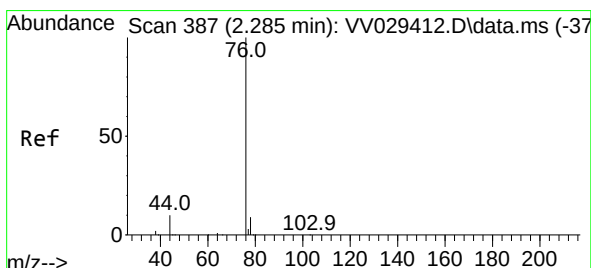
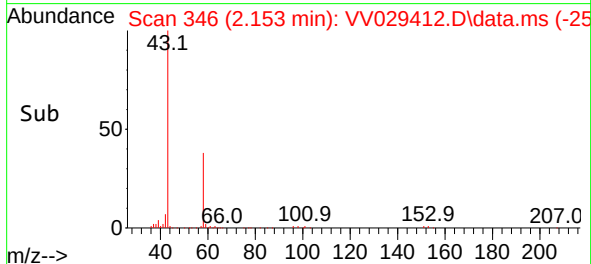
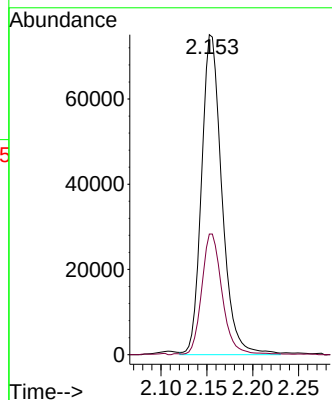
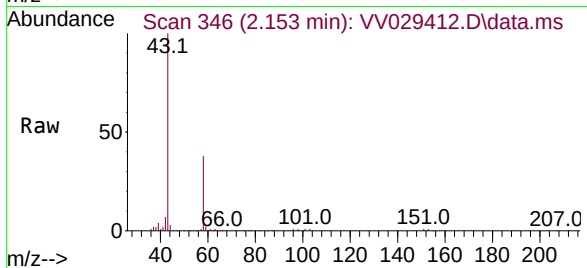
VSTD050278

Tgt Ion: 43 Resp: 116307

Ion Ratio Lower Upper

43 100

58 37.4 0.0 74.8



#14

Carbon disulfide

Concen: 62.807 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV029412.D

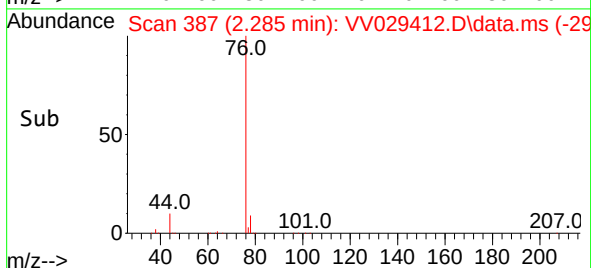
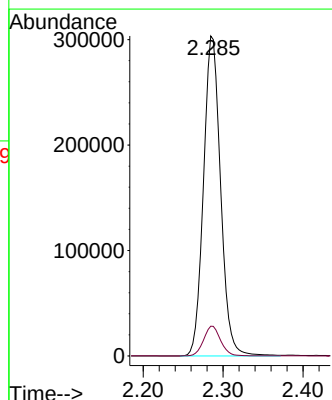
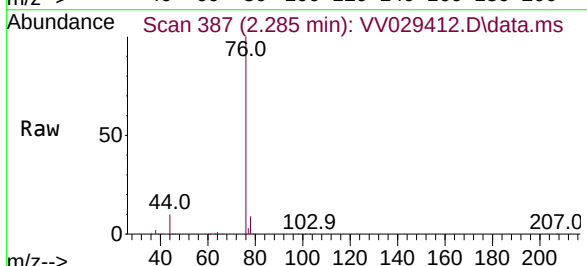
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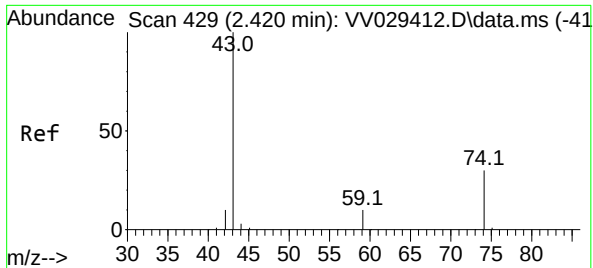
Tgt Ion: 76 Resp: 452855

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

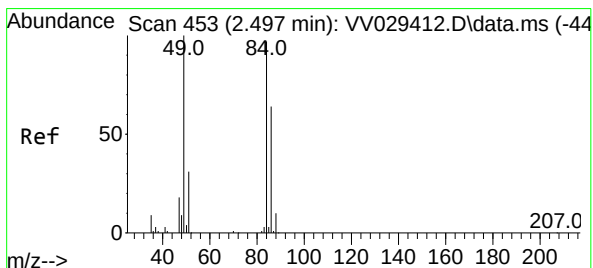
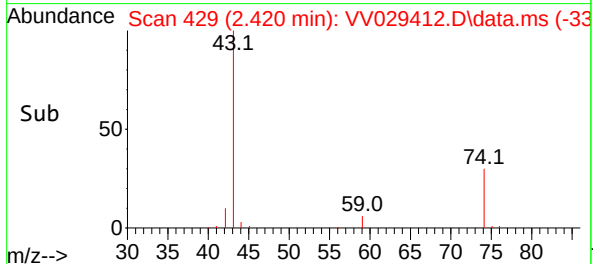
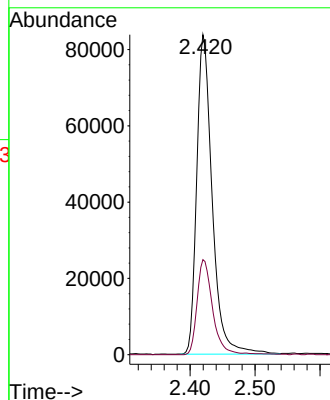
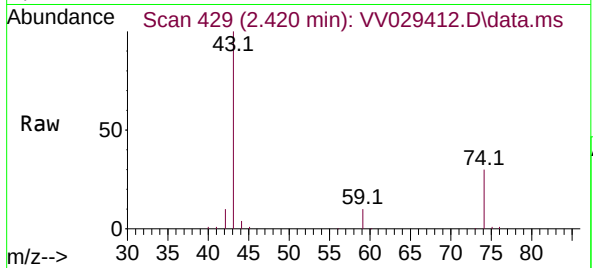




#15
Methyl Acetate
Concen: 39.675 ug/L
RT: 2.420 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

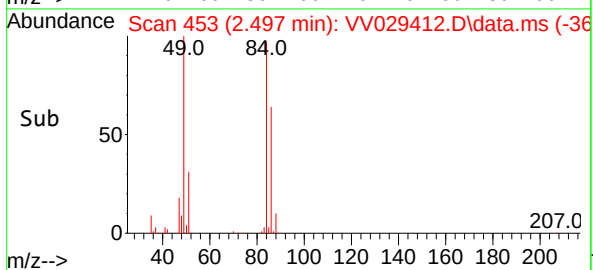
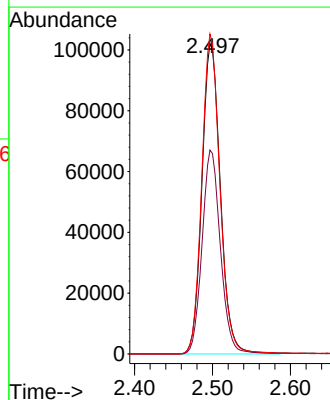
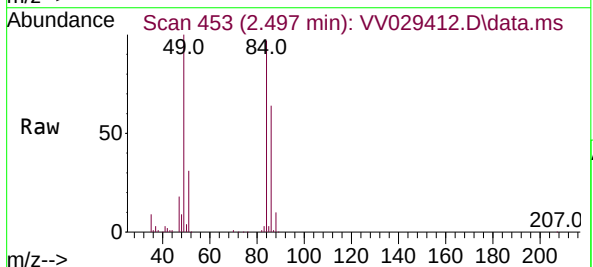
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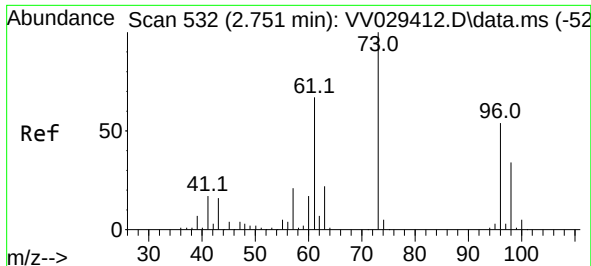
Tgt Ion: 43 Resp: 139149
Ion Ratio Lower Upper
43 100
74 29.4 23.5 35.3



#16
Methylene chloride
Concen: 49.074 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 84 Resp: 168102
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 103.1 72.2 134.0

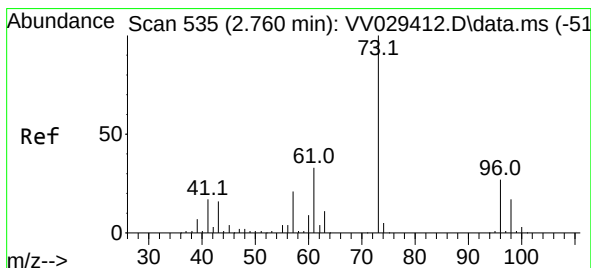
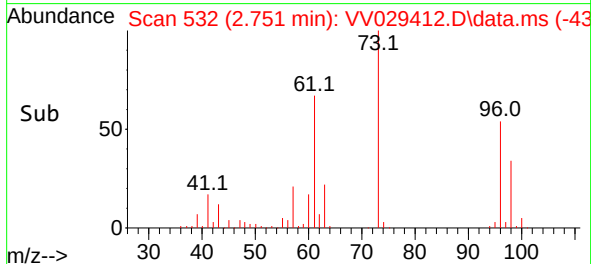
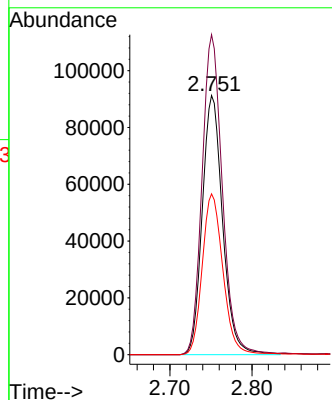
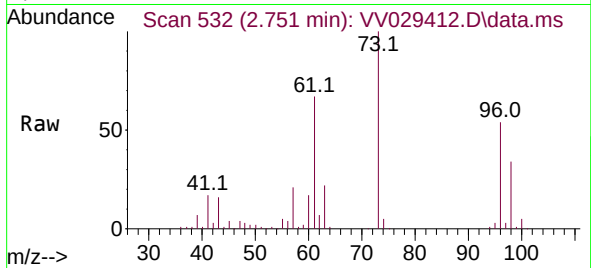




#17
trans-1,2-Dichloroethene
Concen: 52.477 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

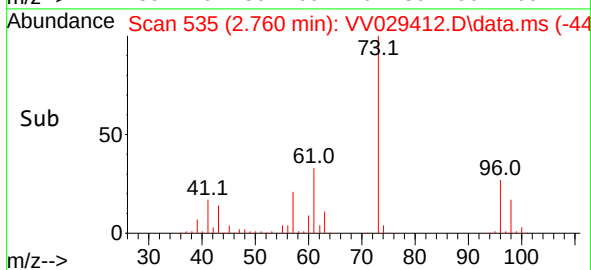
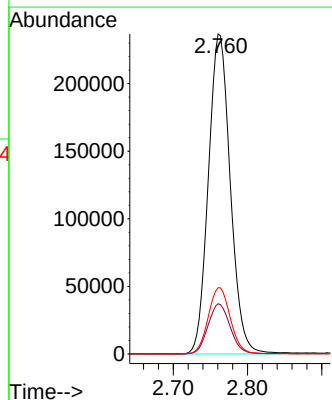
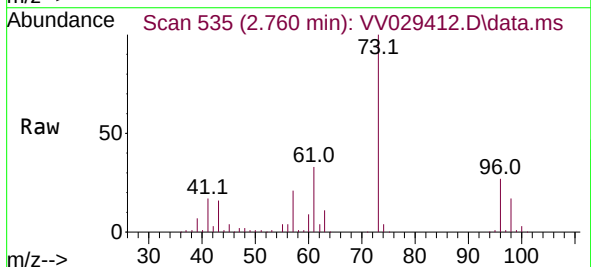
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

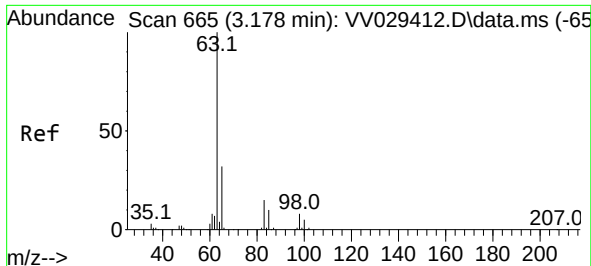
Tgt Ion: 96 Resp: 157430
Ion Ratio Lower Upper
96 100
61 123.4 86.4 160.4
98 62.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 47.228 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 73 Resp: 485978
Ion Ratio Lower Upper
73 100
43 15.9 12.7 19.1
57 20.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 47.365 ug/L

RT: 3.178 min Scan# 665

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD050278

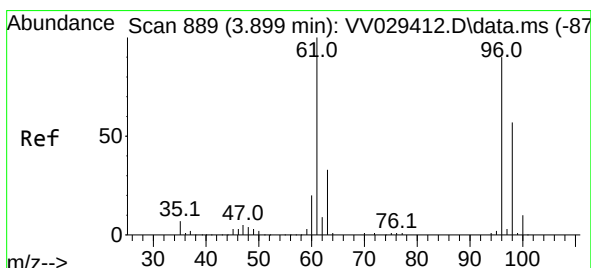
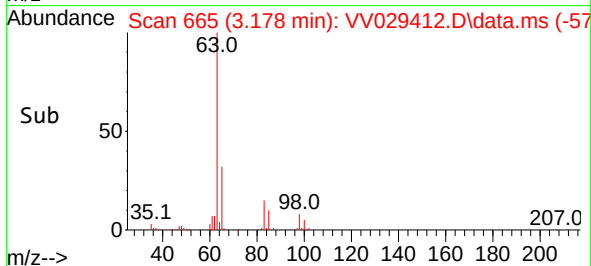
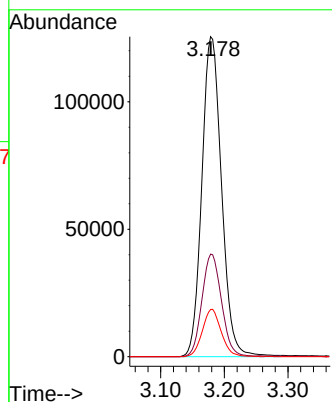
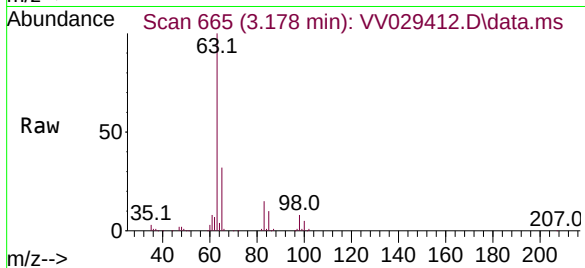
Tgt Ion: 63 Resp: 269960

Ion Ratio Lower Upper

63 100

65 32.1 22.5 41.7

83 14.8 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 49.739 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

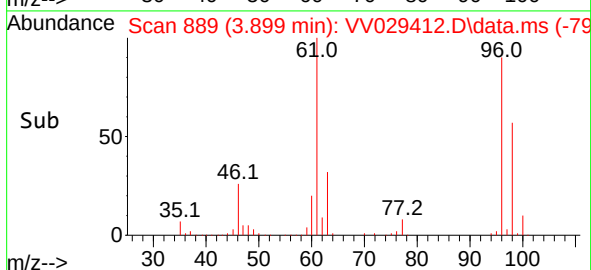
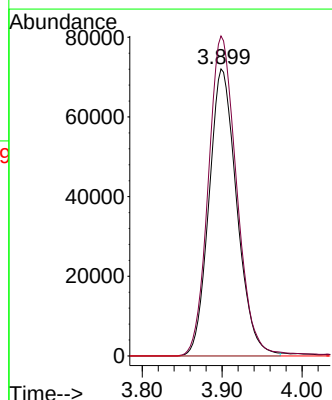
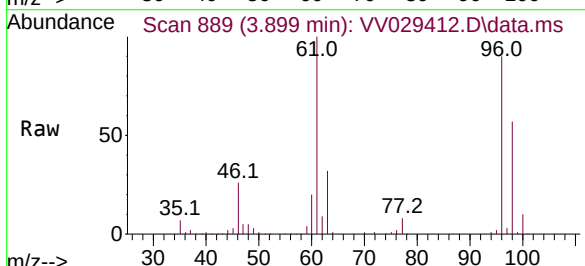
Tgt Ion: 96 Resp: 174140

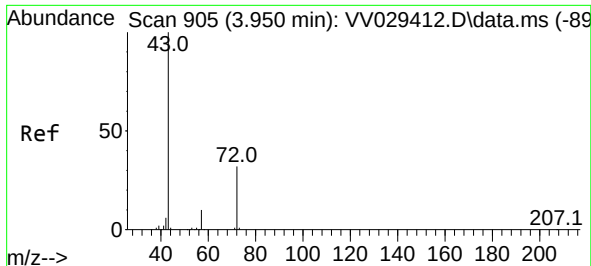
Ion Ratio Lower Upper

96 100

61 111.5 78.0 144.9

68 0.0 0.0 0.0

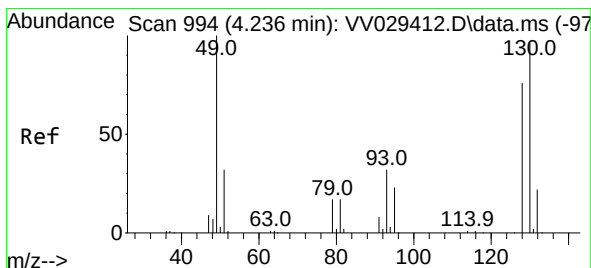
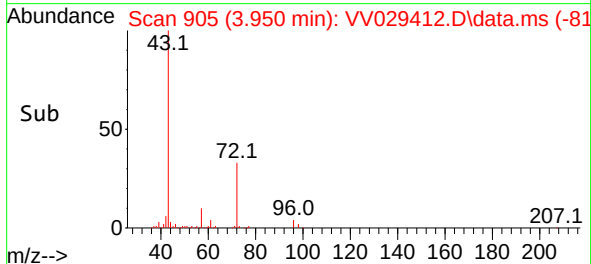
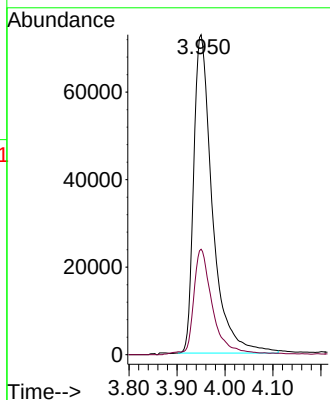
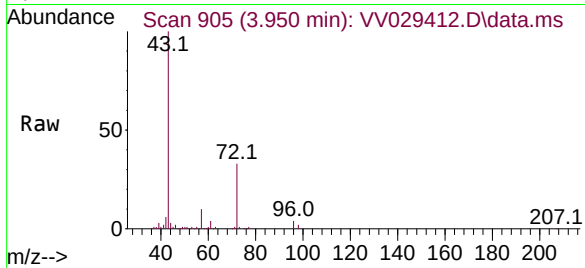




#22
2-Butanone
Concen: 80.592 ug/L
RT: 3.950 min Scan# 905
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

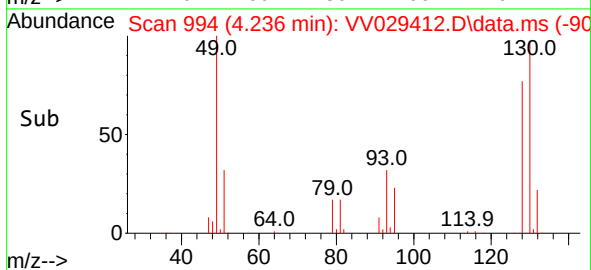
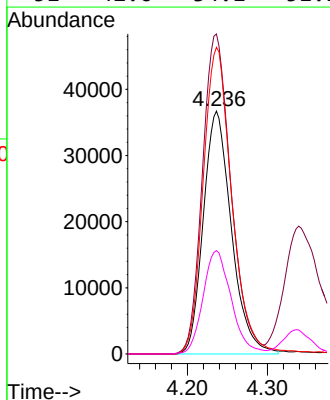
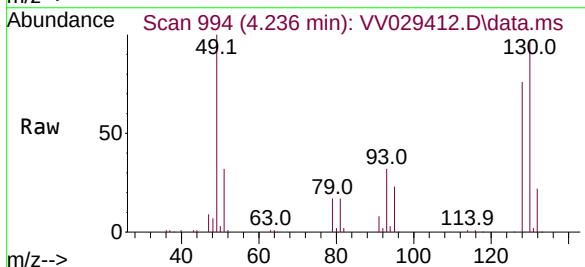
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

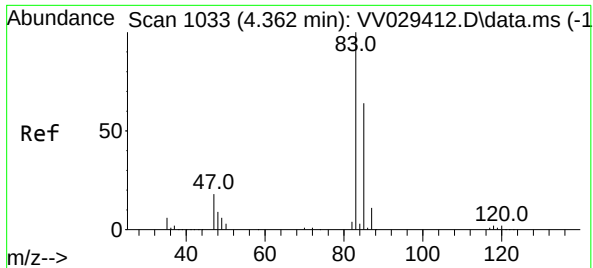
Tgt Ion: 43 Resp: 197406
Ion Ratio Lower Upper
43 100
72 31.7 15.9 47.6



#23
Bromochloromethane
Concen: 47.932 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion:128 Resp: 89650
Ion Ratio Lower Upper
128 100
49 131.7 92.2 171.2
130 126.2 88.3 164.1
51 42.6 34.1 51.1

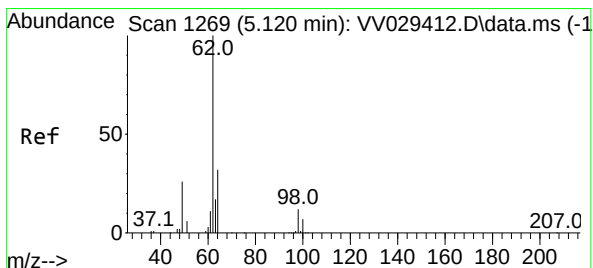
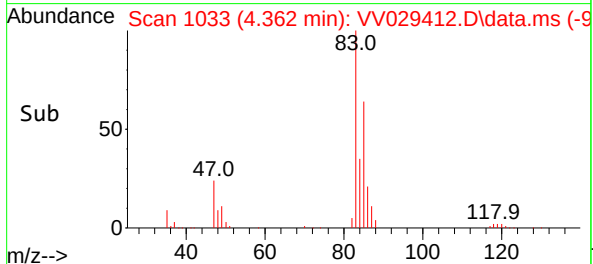
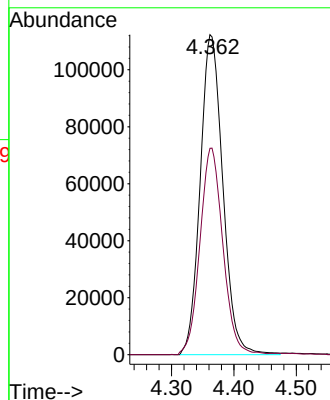
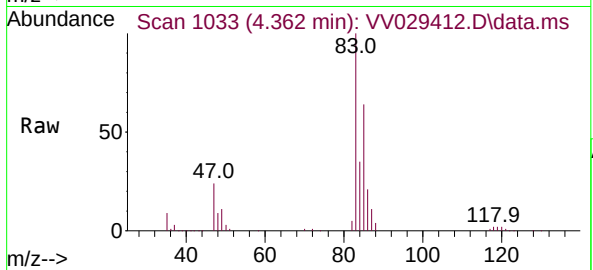




#25
Chloroform
Concen: 47.330 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

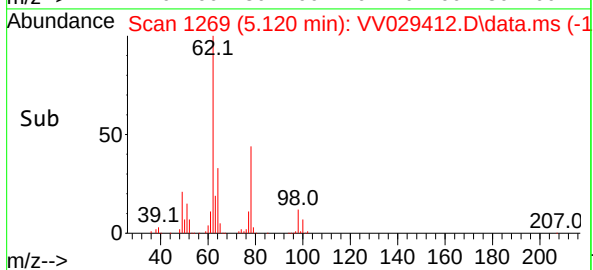
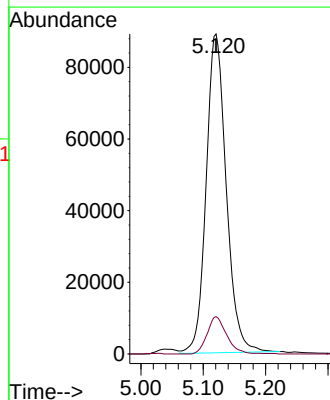
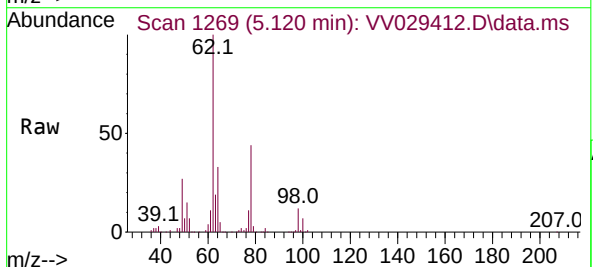
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

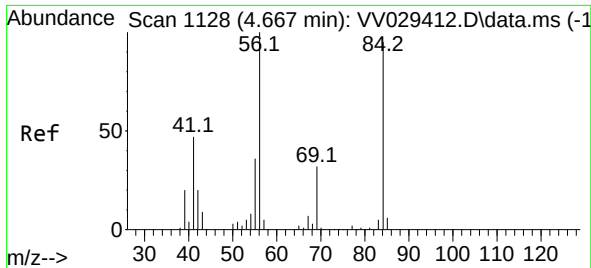
Tgt Ion: 83 Resp: 283904
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 47.359 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 62 Resp: 199560
Ion Ratio Lower Upper
62 100
98 11.7 9.4 14.0

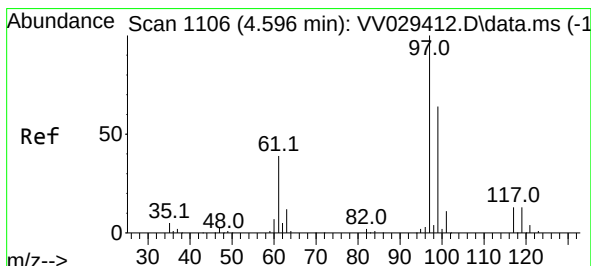
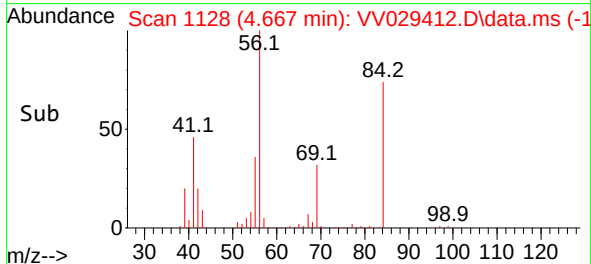
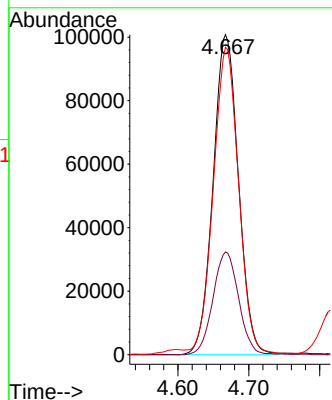
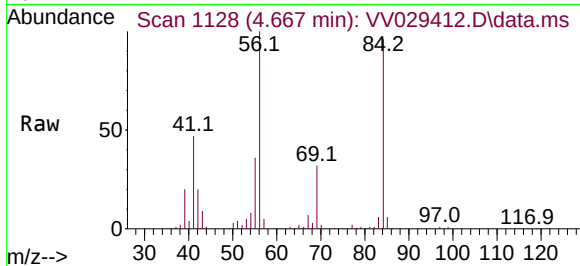




#29
Cyclohexane
Concen: 53.753 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

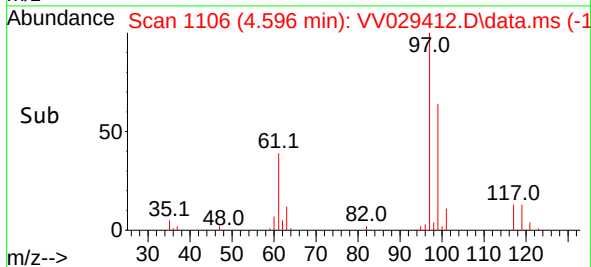
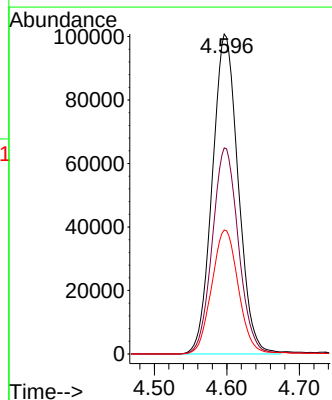
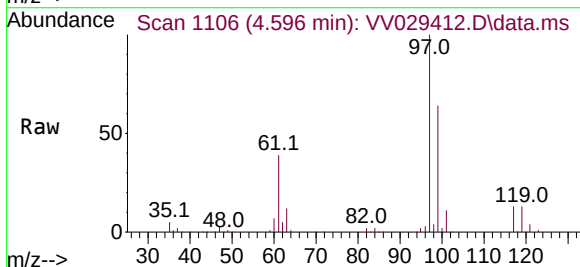
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

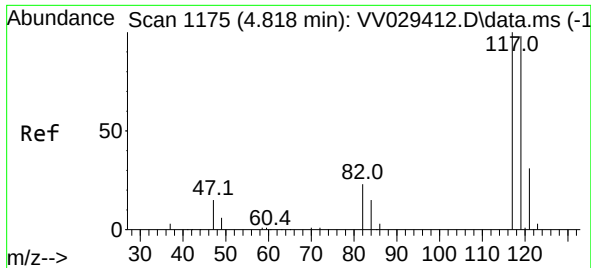
Tgt Ion: 56 Resp: 250320
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 95.7 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 48.971 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 97 Resp: 250312
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 39.8 31.8 47.8

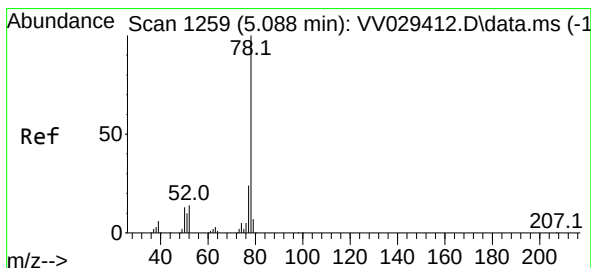
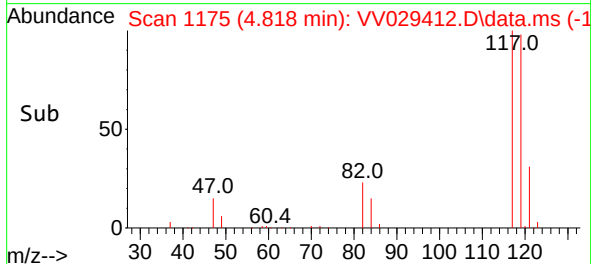
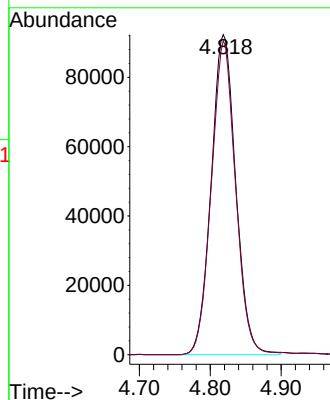
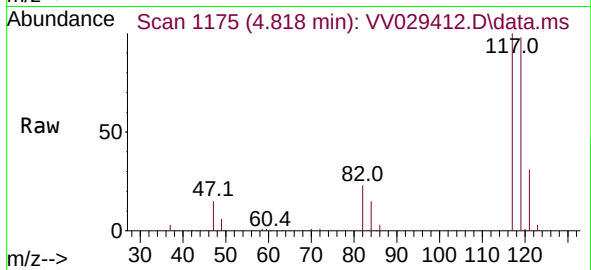




#31
Carbon tetrachloride
Concen: 50.114 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

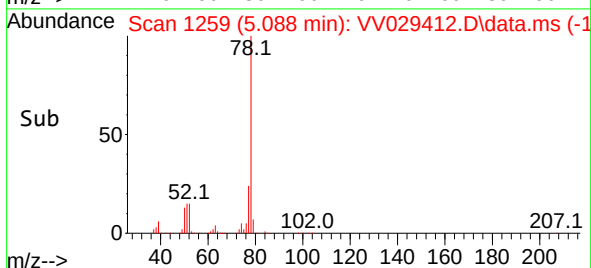
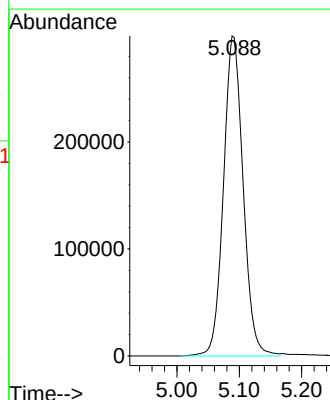
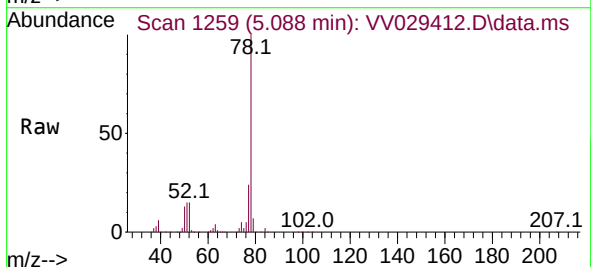
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

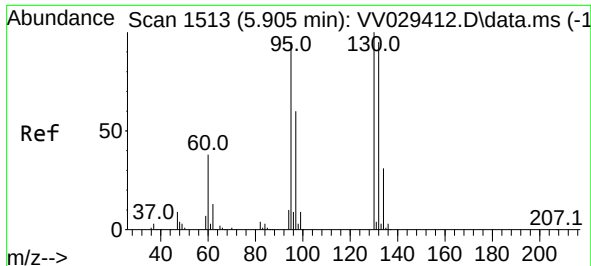
Tgt Ion:117 Resp: 222143
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 52.873 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 78 Resp: 655010



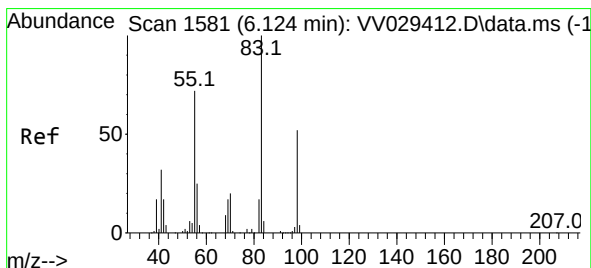
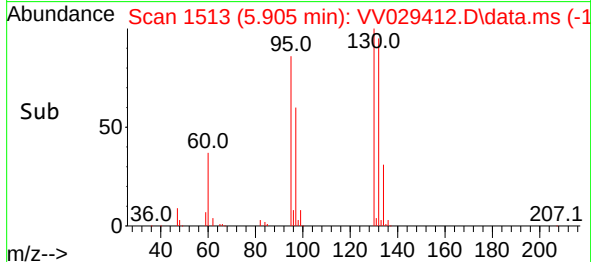
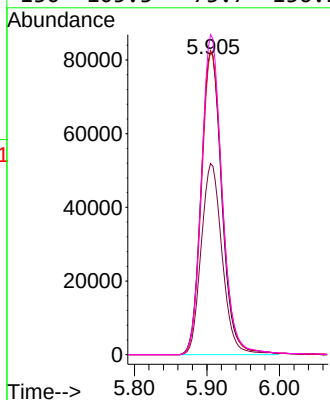
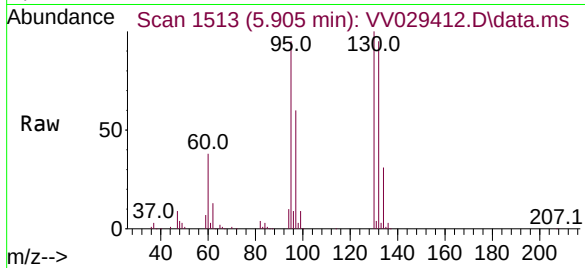


#34
Trichloroethene
Concen: 47.542 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

Tgt Ion: 95 Resp: 163871

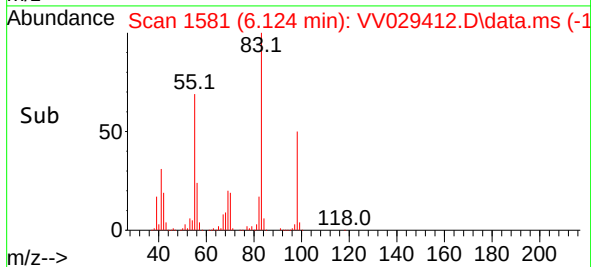
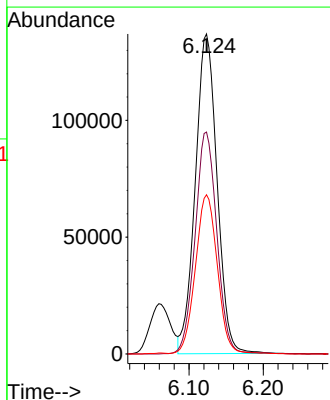
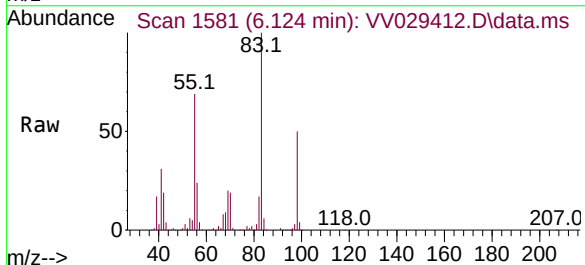
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.0	81.8
132	99.9	69.9	129.9
130	105.3	73.7	136.9

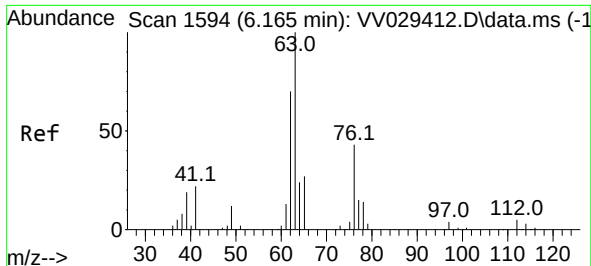


#35
Methylcyclohexane
Concen: 56.896 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 83 Resp: 279339

Ion	Ratio	Lower	Upper
83	100		
55	69.4	55.5	83.3
98	49.8	39.8	59.8





#37

1,2-Dichloropropane

Concen: 49.258 ug/L

RT: 6.165 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

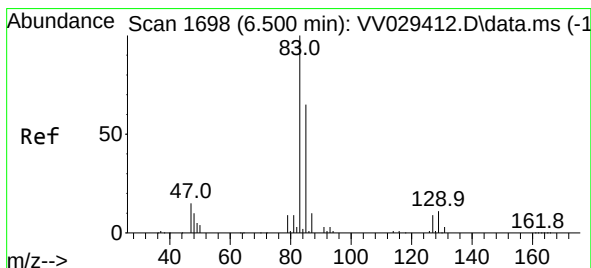
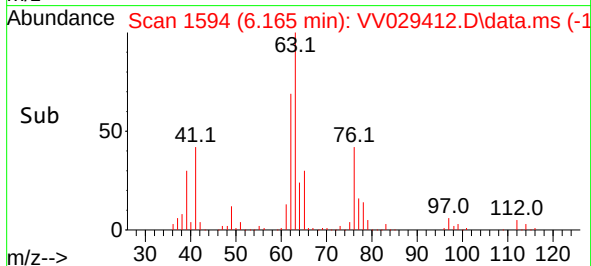
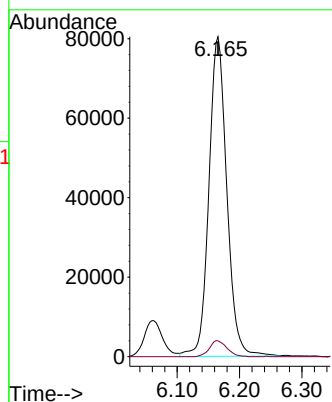
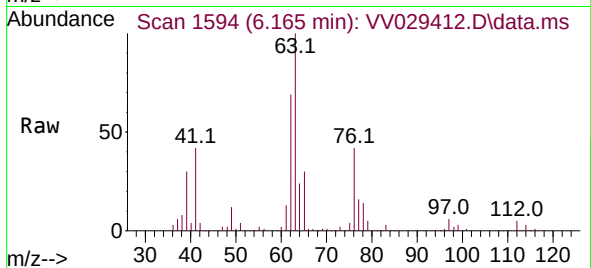
VSTD050278

Tgt Ion: 63 Resp: 160478

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 49.001 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

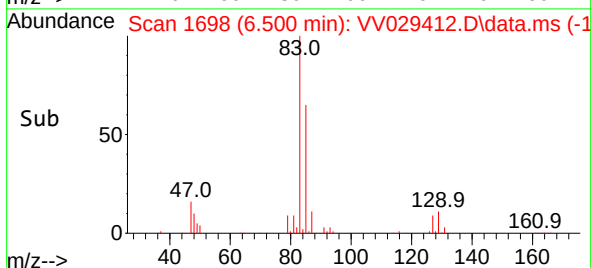
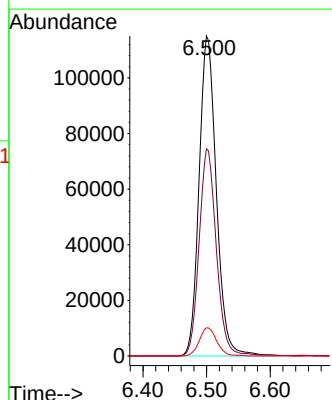
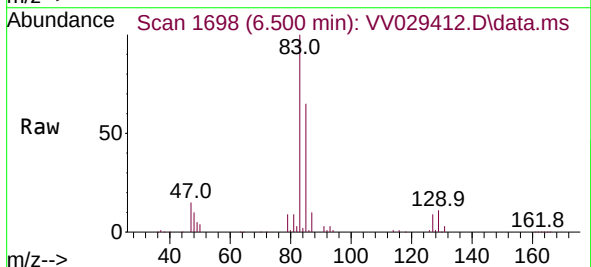
Tgt Ion: 83 Resp: 217121

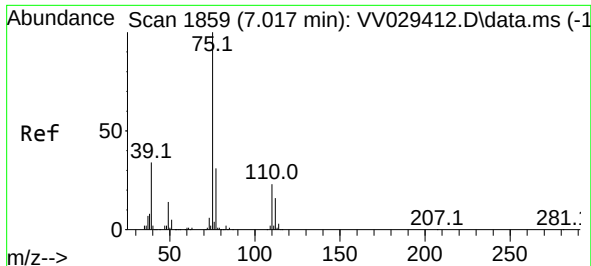
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.156 ug/L

RT: 7.017 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

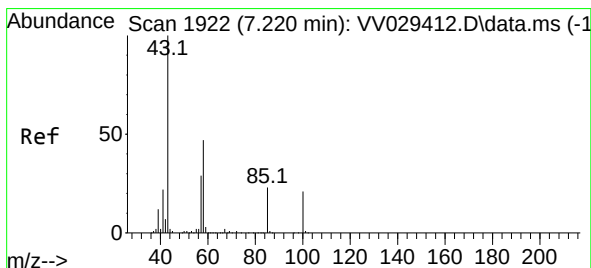
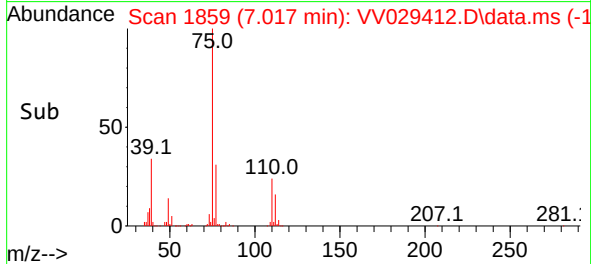
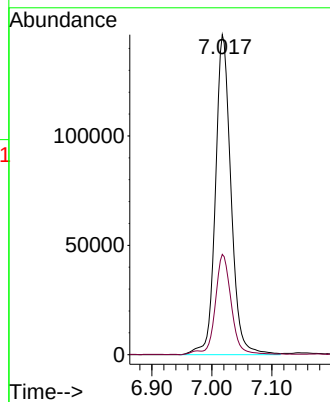
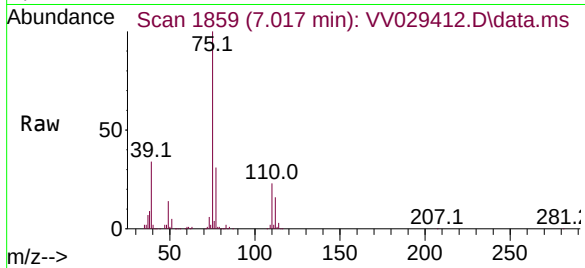
VSTD050278

Tgt Ion: 75 Resp: 263859

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 84.426 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

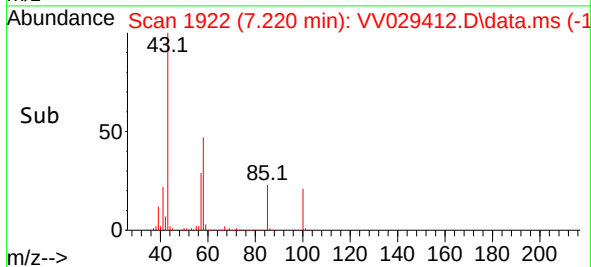
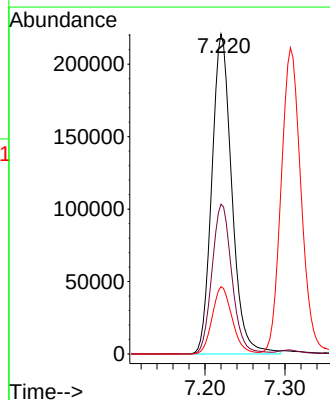
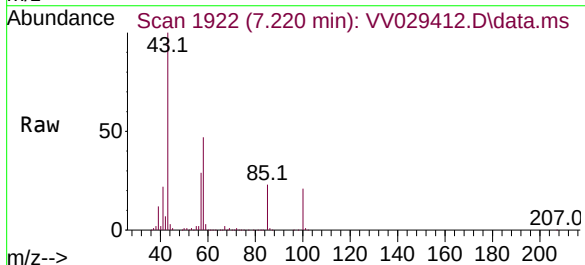
Tgt Ion: 43 Resp: 383437

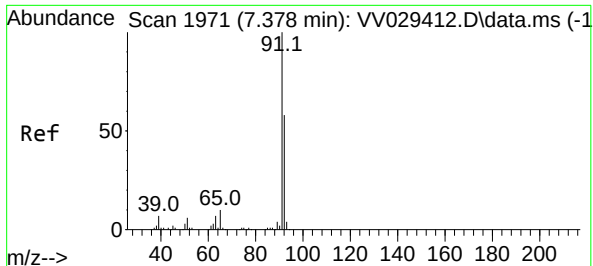
Ion Ratio Lower Upper

43 100

58 46.9 37.5 56.3

100 20.9 16.7 25.1





#42

Toluene

Concen: 53.073 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

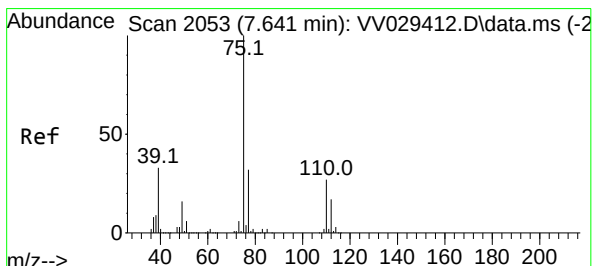
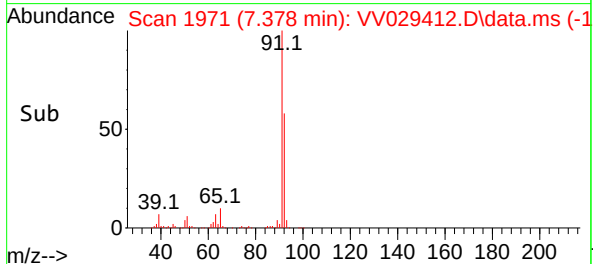
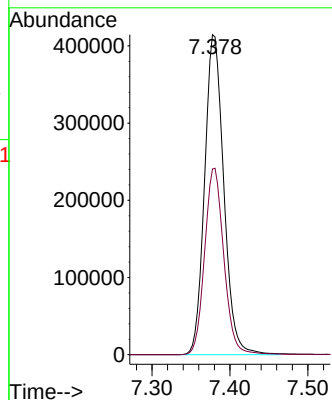
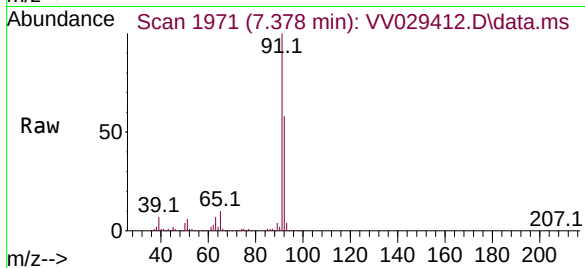
VSTD050278

Tgt Ion: 91 Resp: 709900

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 49.845 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029412.D

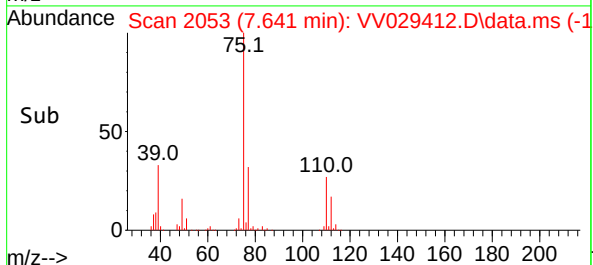
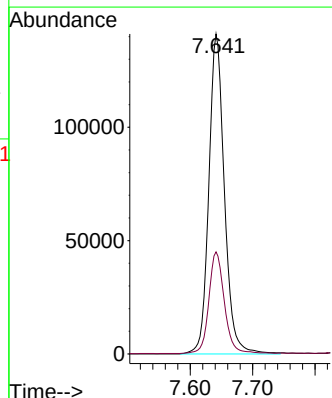
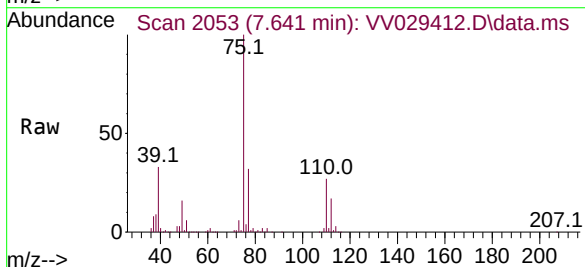
Acq: 07 Dec 2022 12:22

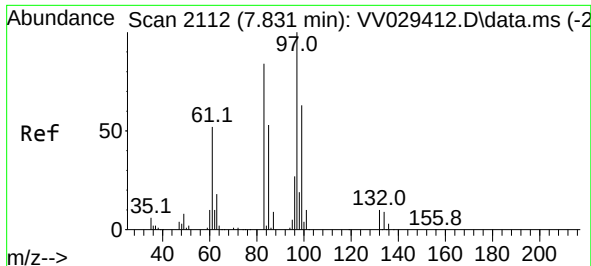
Tgt Ion: 75 Resp: 245455

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5

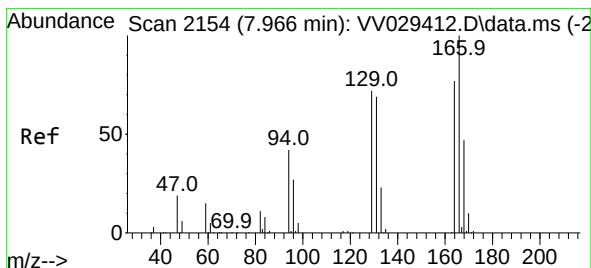
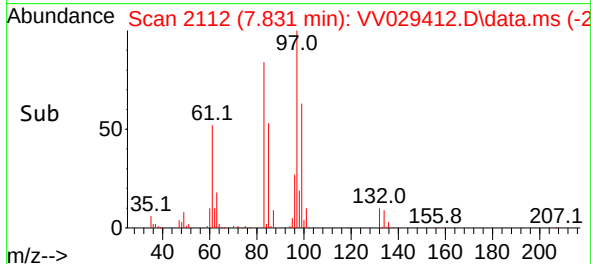
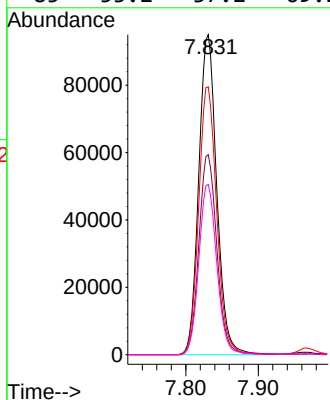
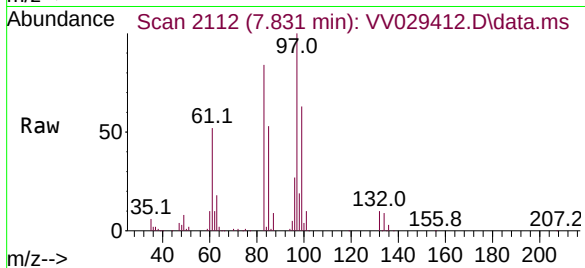




#45
1,1,2-Trichloroethane
Concen: 49.653 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

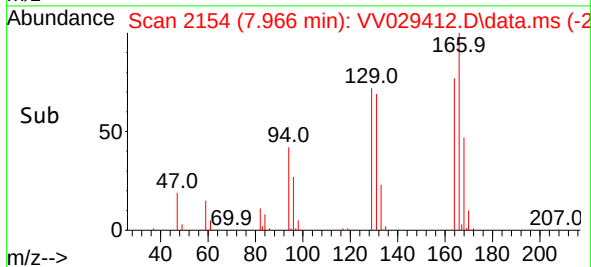
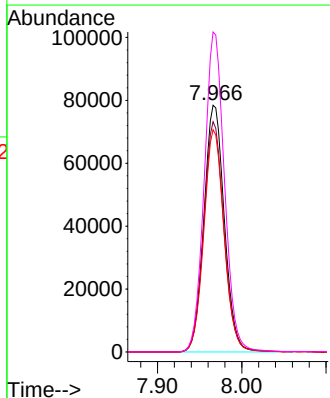
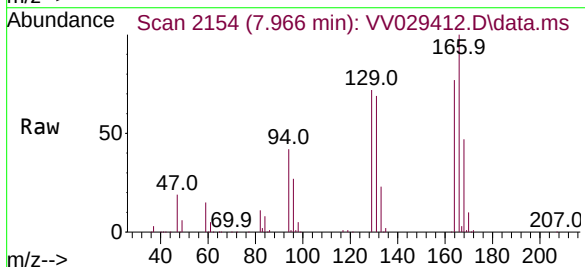
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

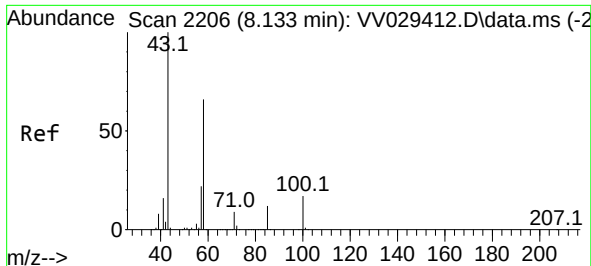
Tgt Ion:	97	Resp:	164134
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	83.7	58.6	108.8
85	53.2	37.2	69.2



#46
Tetrachloroethene
Concen: 51.240 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion:	164	Resp:	132894
Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.3	121.3
131	90.1	63.1	117.1
166	129.7	90.8	168.6

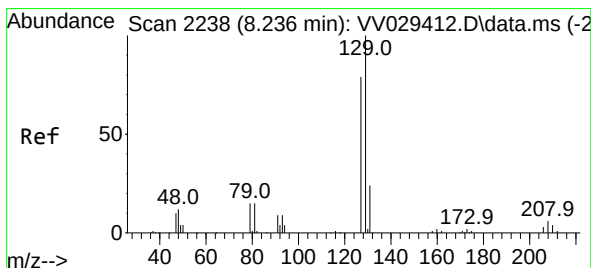
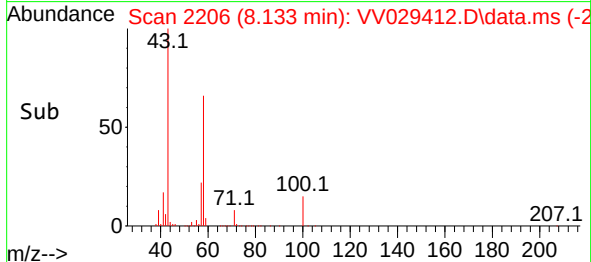
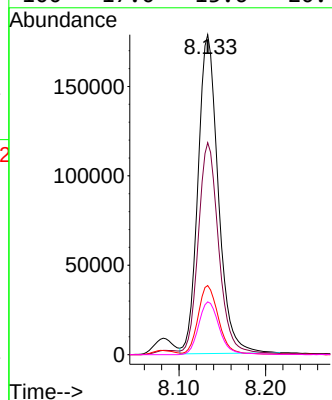
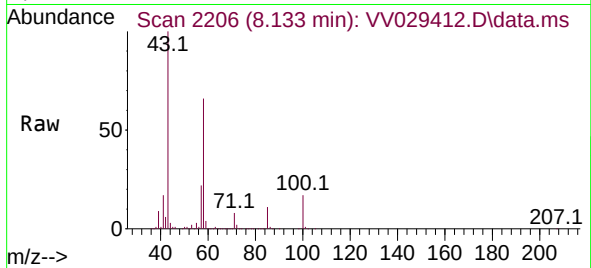




#48
2-Hexanone
Concen: 82.942 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

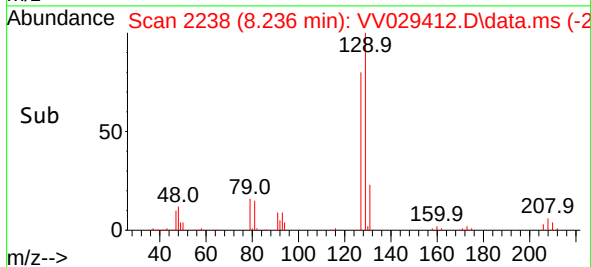
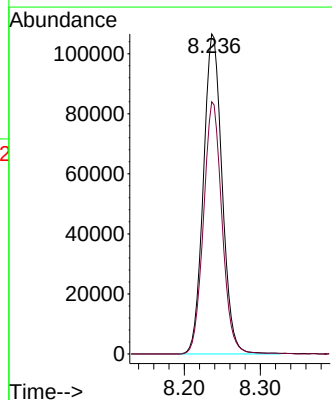
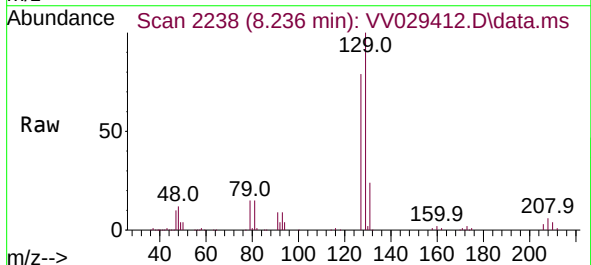
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

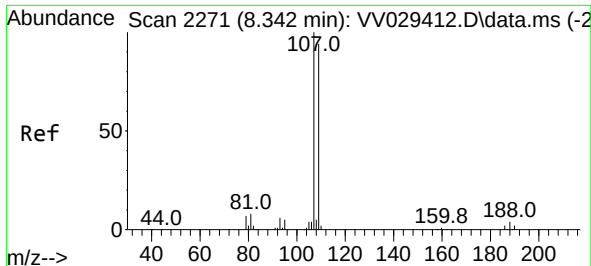
Tgt Ion: 43 Resp: 289831
Ion Ratio Lower Upper
43 100
58 67.6 54.1 81.1
57 21.7 17.4 26.0
100 17.0 13.6 20.4



#49
Dibromochloromethane
Concen: 48.611 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 129 Resp: 182141
Ion Ratio Lower Upper
129 100
127 78.8 55.2 102.4





#50

1,2-Dibromoethane

Concen: 48.344 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD050278

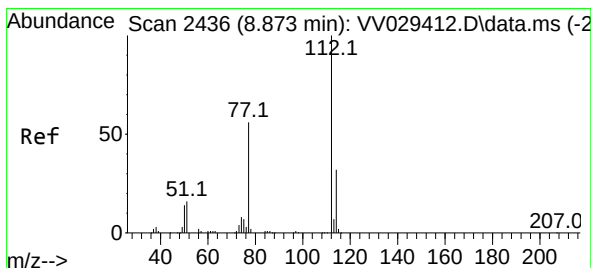
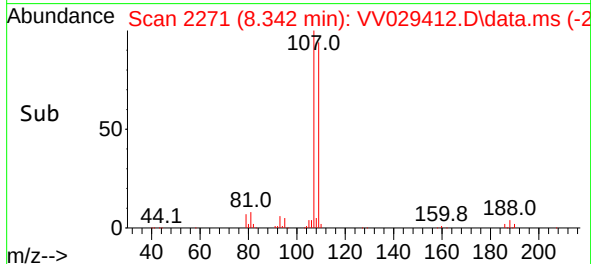
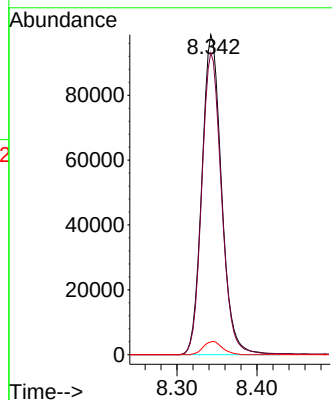
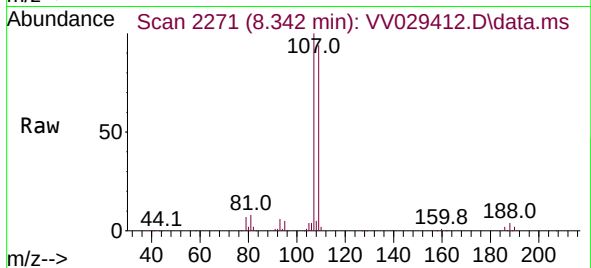
Tgt Ion:107 Resp: 168834

Ion Ratio Lower Upper

107 100

109 94.3 66.0 122.6

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 50.648 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

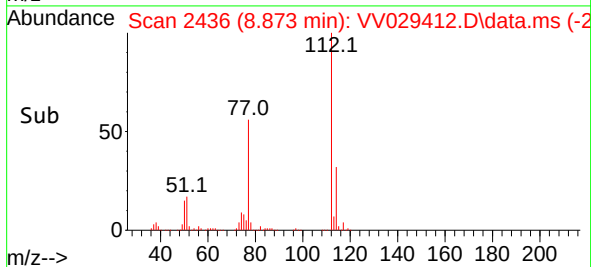
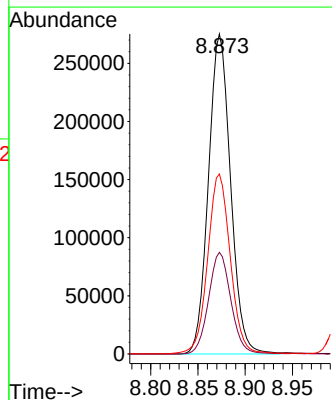
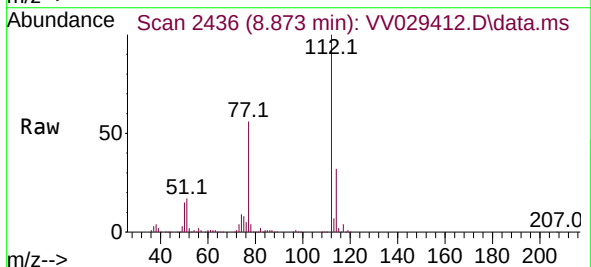
Tgt Ion:112 Resp: 448669

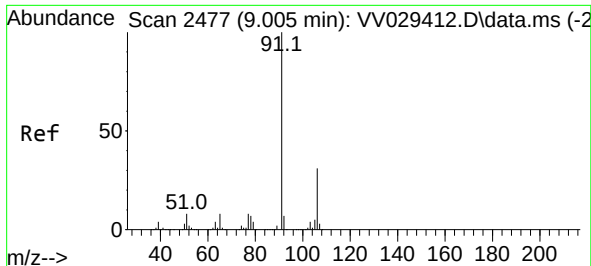
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 56.2 45.0 67.4

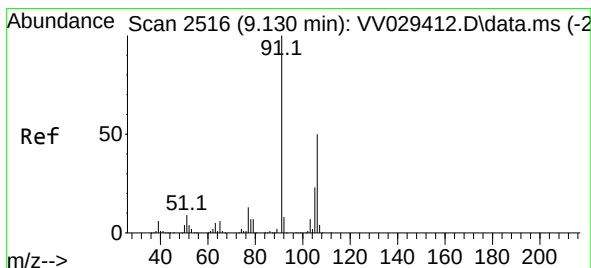
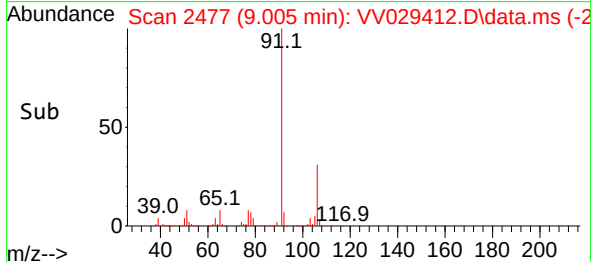
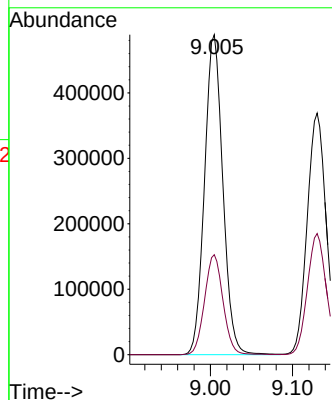
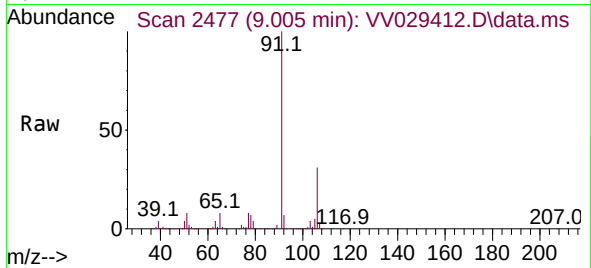




#52
Ethylbenzene
Concen: 52.290 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

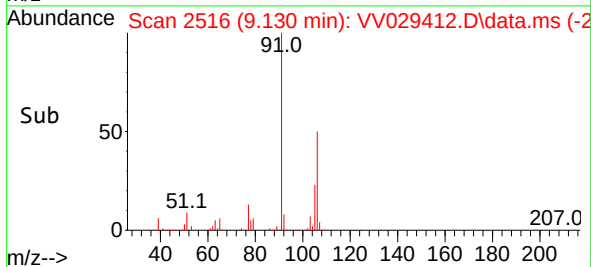
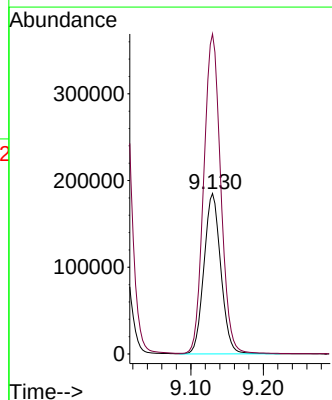
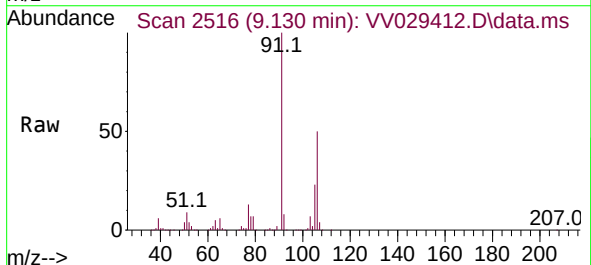
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

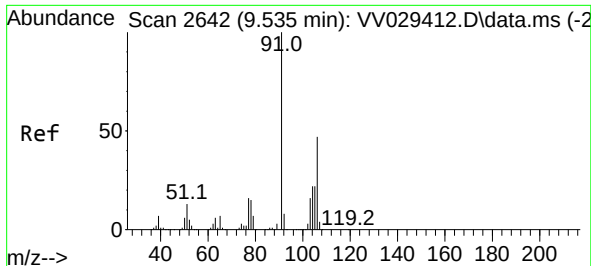
Tgt Ion: 91 Resp: 756813
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 52.856 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 106 Resp: 298702
Ion Ratio Lower Upper
106 100
91 199.3 139.5 259.1

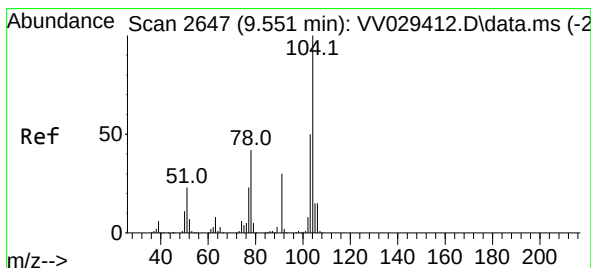
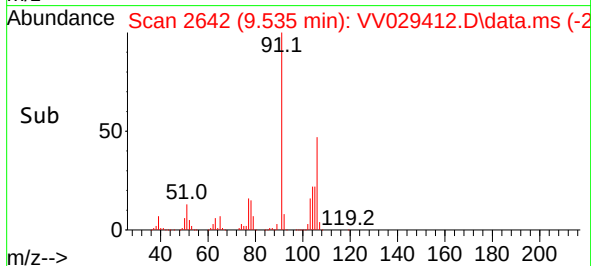
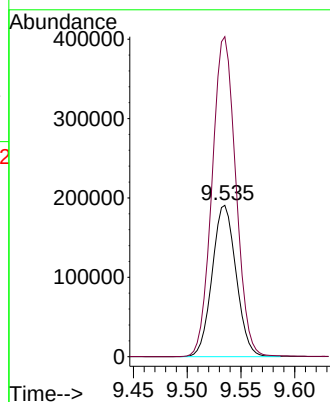
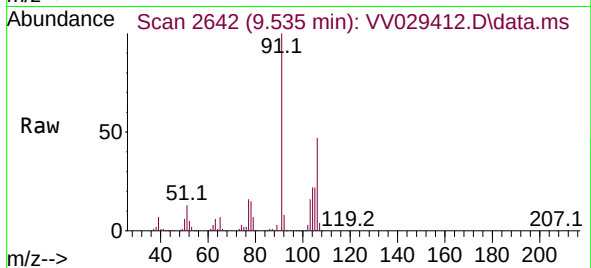




#54
o-Xylene
Concen: 52.290 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

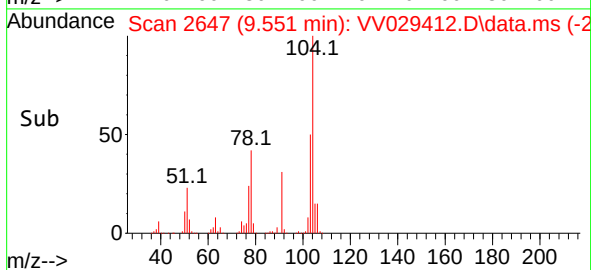
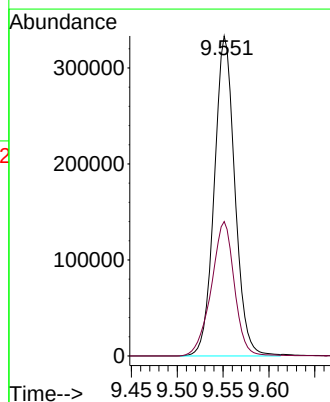
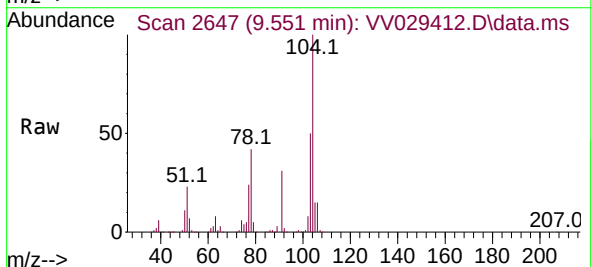
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

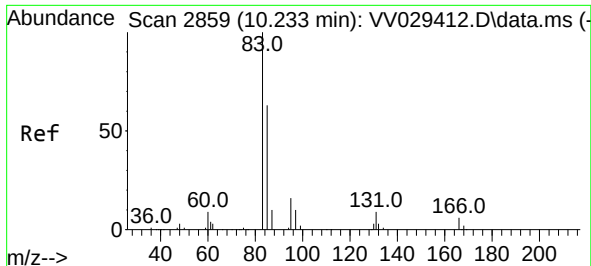
Tgt Ion:106 Resp: 295456
Ion Ratio Lower Upper
106 100
91 211.4 148.0 274.8



#55
Styrene
Concen: 54.658 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion:104 Resp: 520921
Ion Ratio Lower Upper
104 100
78 42.0 29.4 54.6

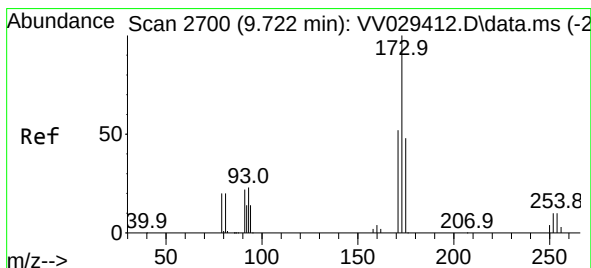
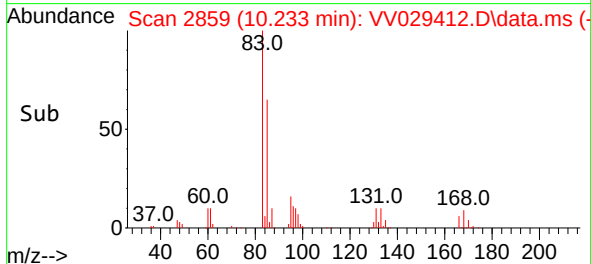
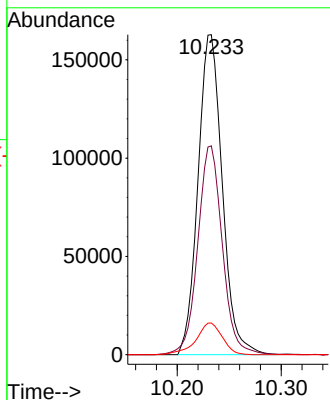
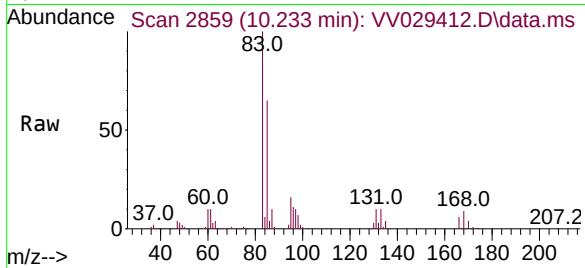




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.937 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

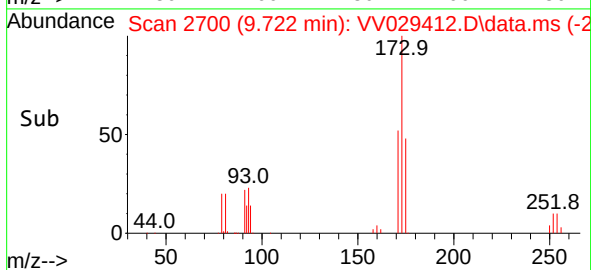
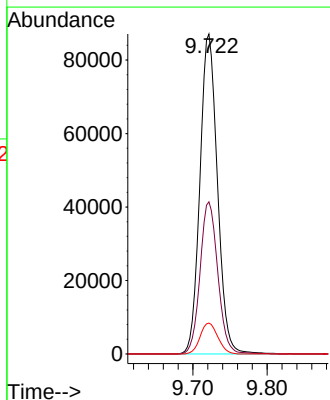
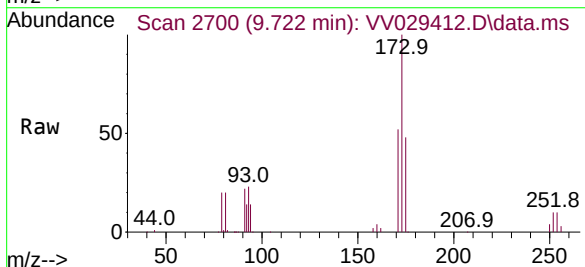
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050278

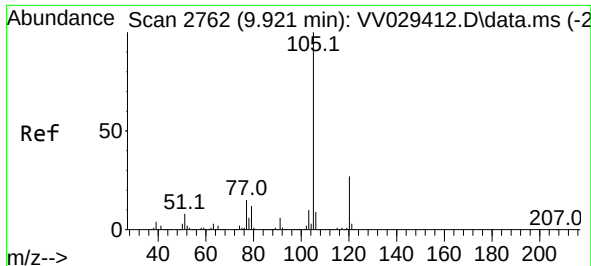
Tgt Ion:	83	Resp:	264519
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.7	84.9
131	9.9	7.9	11.9



#59
 Bromoform
 Concen: 49.641 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. 0.000 min
 Lab File: VV029412.D
 Acq: 07 Dec 2022 12:22

Tgt Ion:	173	Resp:	142675
Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.4	57.6
254	9.8	7.8	11.8

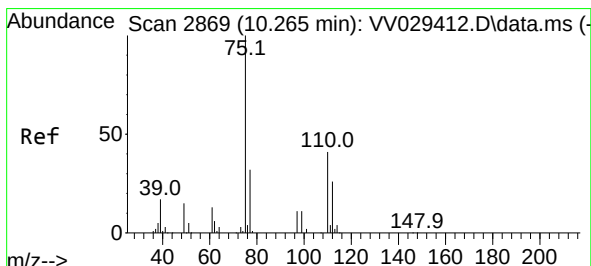
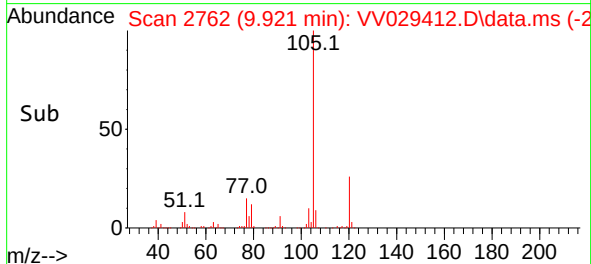
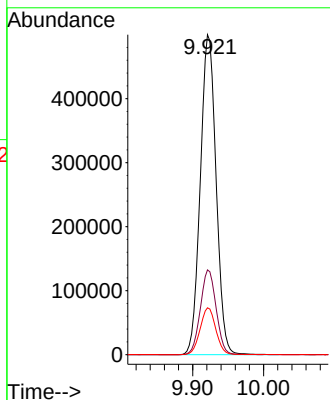
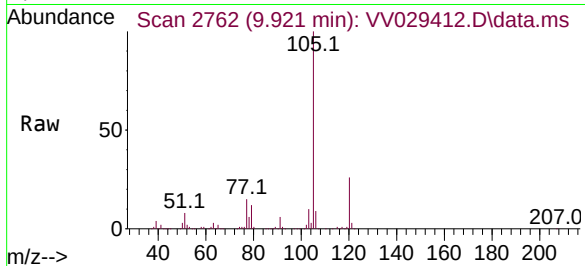




#60
Isopropylbenzene
Concen: 49.925 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

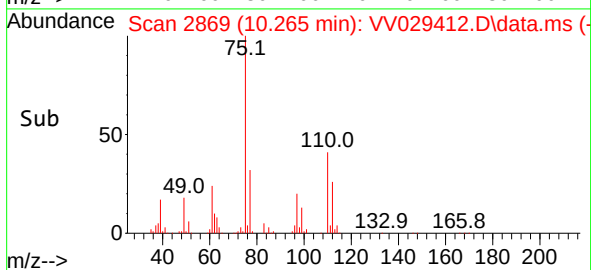
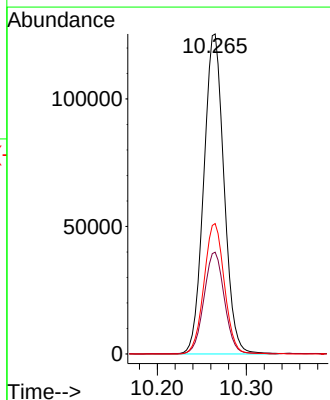
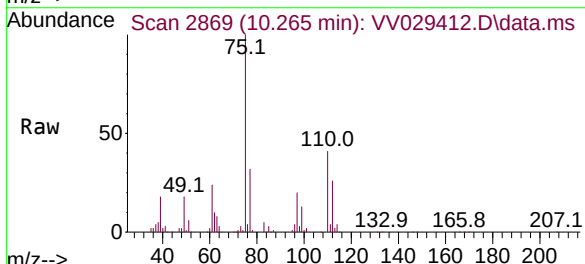
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

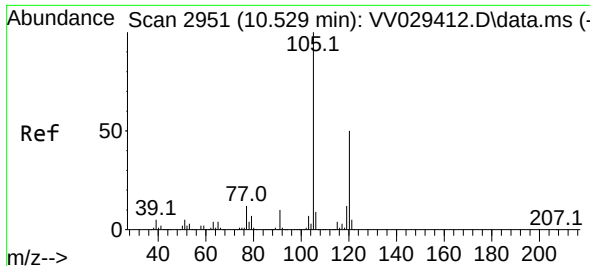
Tgt Ion:105 Resp: 773300
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 45.438 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 75 Resp: 197917
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 40.9 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 51.455 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

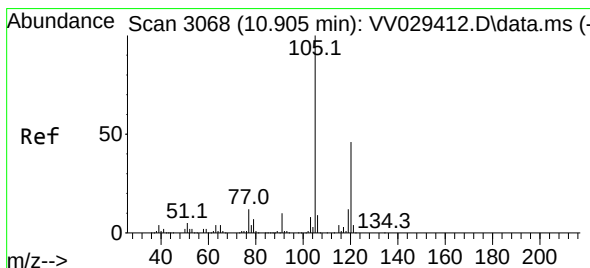
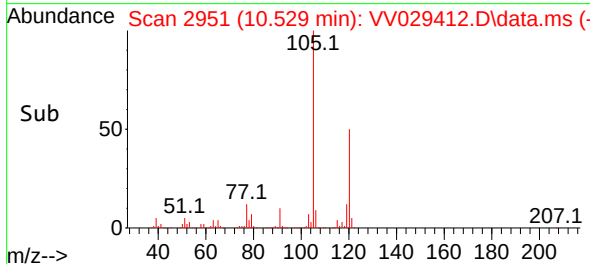
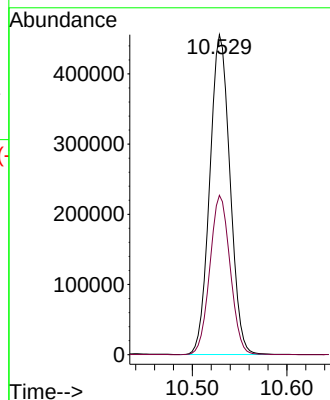
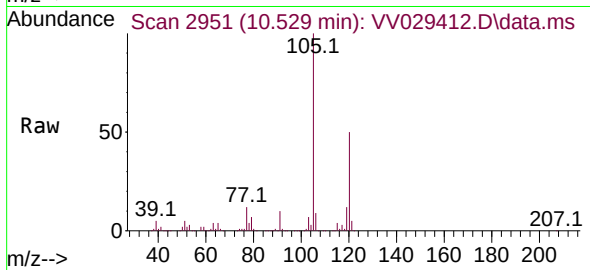
VSTD050278

Tgt Ion:105 Resp: 678768

Ion Ratio Lower Upper

105 100

120 50.0 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 50.930 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029412.D

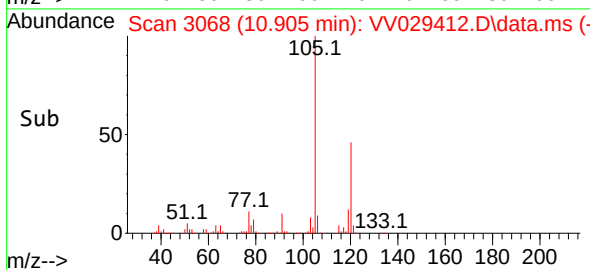
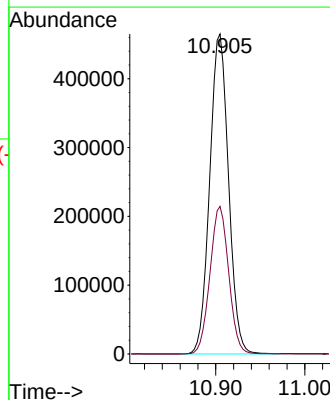
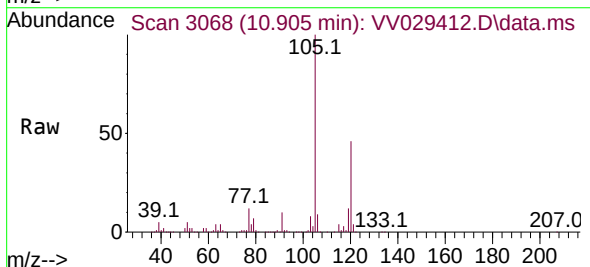
Acq: 07 Dec 2022 12:22

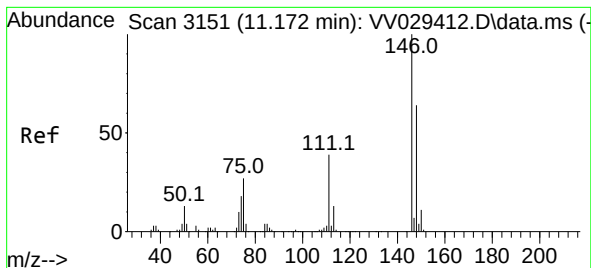
Tgt Ion:105 Resp: 681693

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 49.679 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD050278

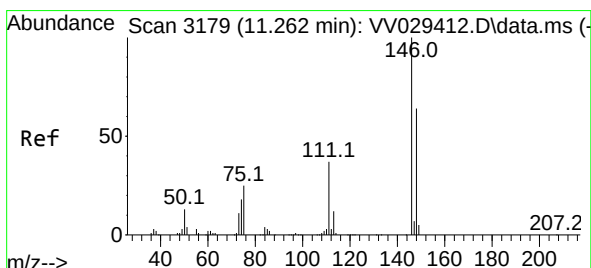
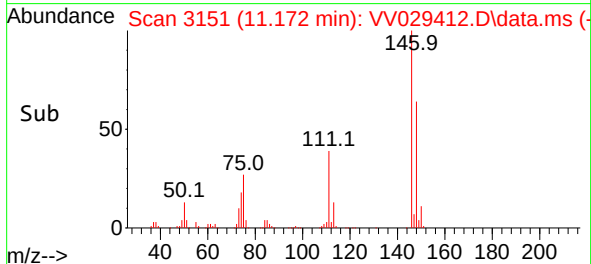
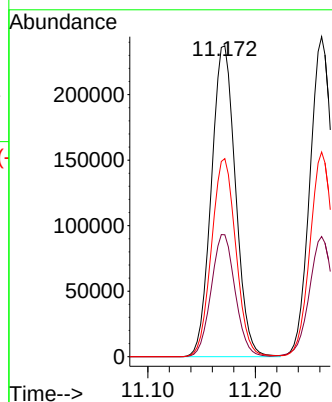
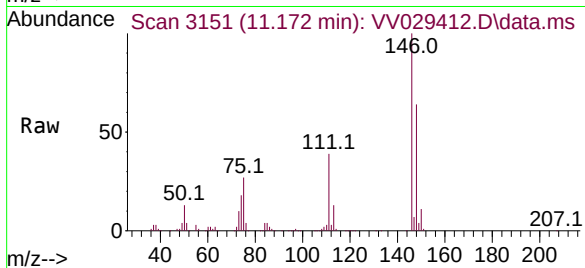
Tgt Ion:146 Resp: 370351

Ion Ratio Lower Upper

146 100

111 39.2 27.4 51.0

148 63.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 49.563 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

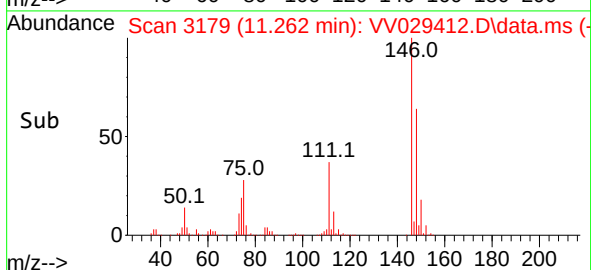
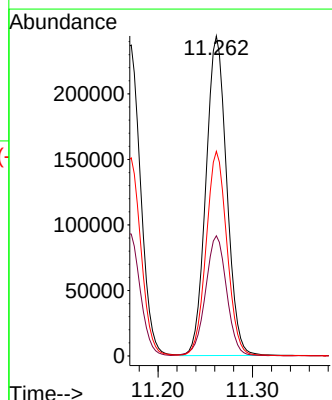
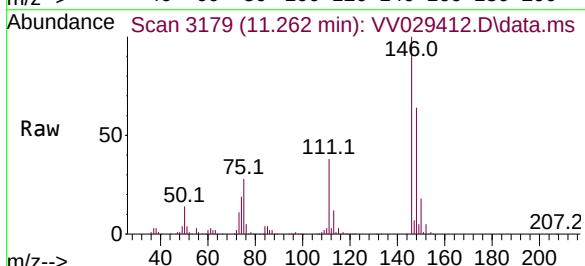
Tgt Ion:146 Resp: 371903

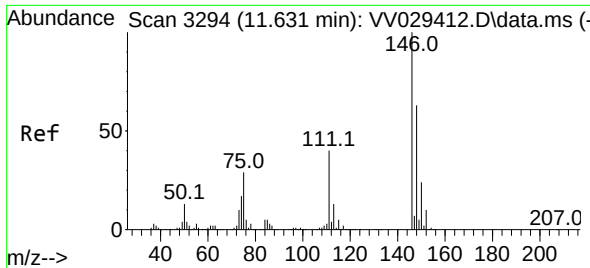
Ion Ratio Lower Upper

146 100

111 37.5 26.2 48.8

148 63.9 44.7 83.1

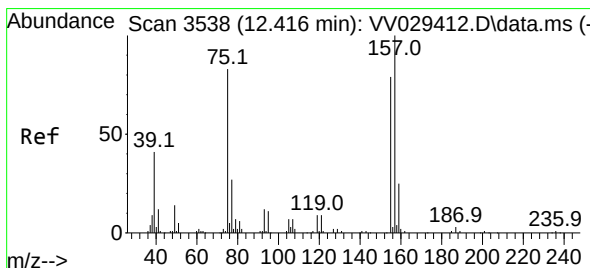
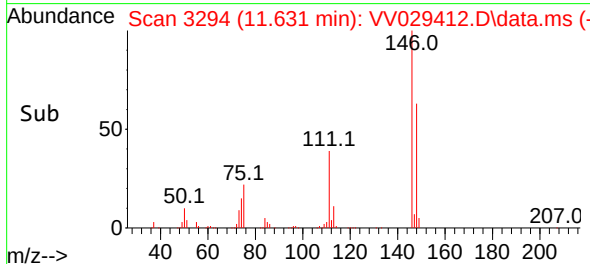
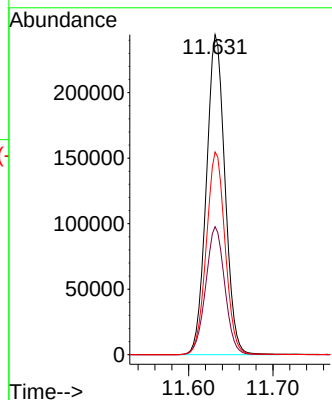
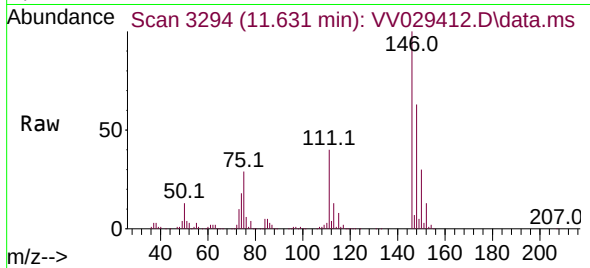




#67
1,2-Dichlorobenzene
Concen: 49.326 ug/L
RT: 11.631 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

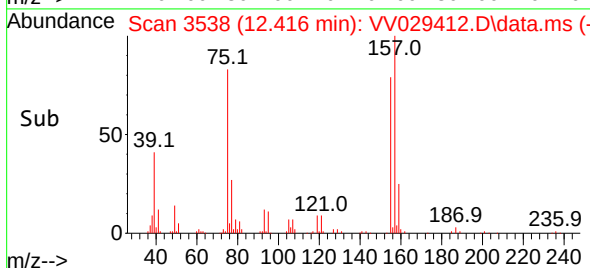
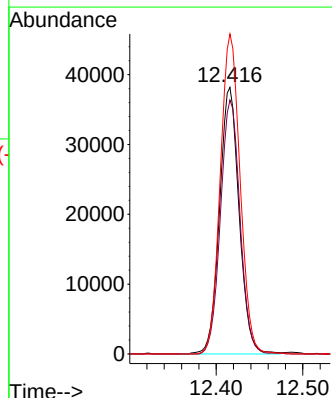
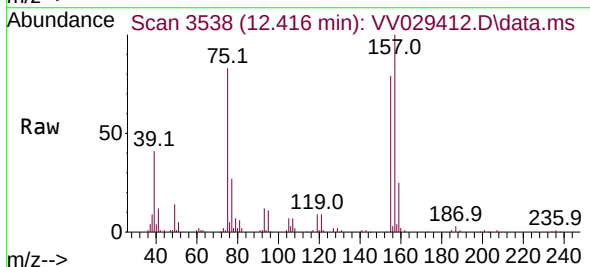
Instrument :
MSVOA_V
ClientSampleId :
VSTD050278

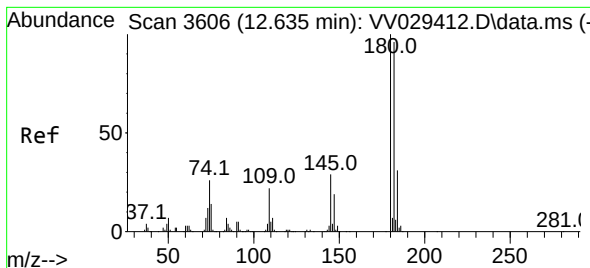
Tgt Ion:146 Resp: 375279
Ion Ratio Lower Upper
146 100
111 40.0 32.0 48.0
148 63.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 51.218 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029412.D
Acq: 07 Dec 2022 12:22

Tgt Ion: 75 Resp: 60008
Ion Ratio Lower Upper
75 100
155 95.2 76.2 114.2
157 120.0 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 52.401 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD050278

Tgt Ion:180 Resp: 294500

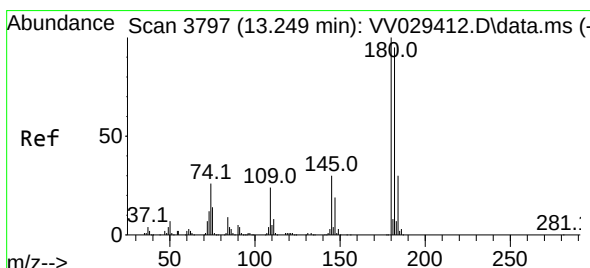
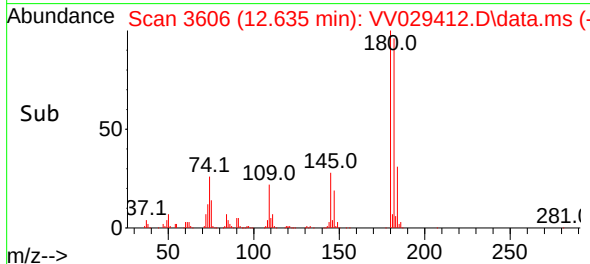
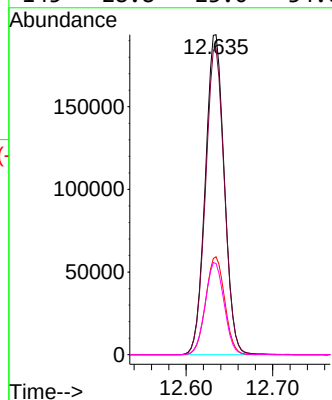
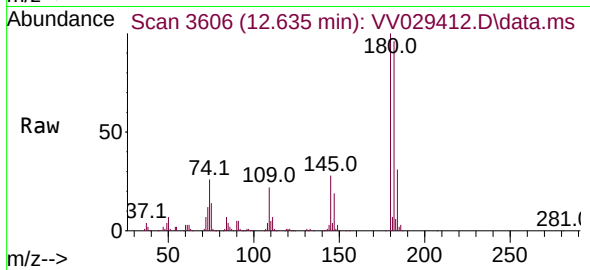
Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

184 30.7 24.6 36.8

145 28.8 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 55.107 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

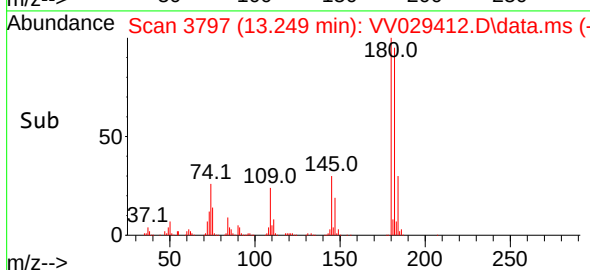
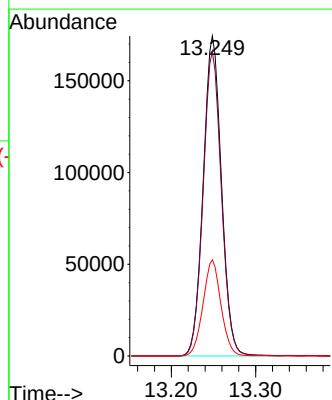
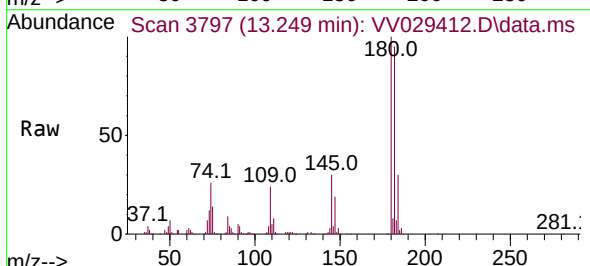
Tgt Ion:180 Resp: 263060

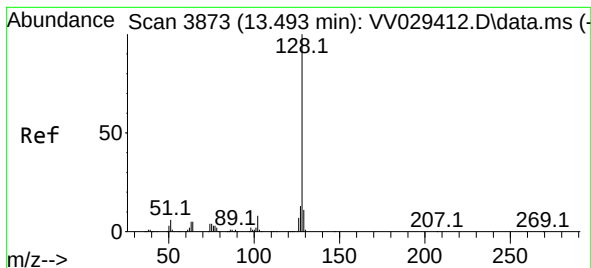
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 29.6 23.7 35.5





#71

Naphthalene

Concen: 45.911 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

VSTD050278

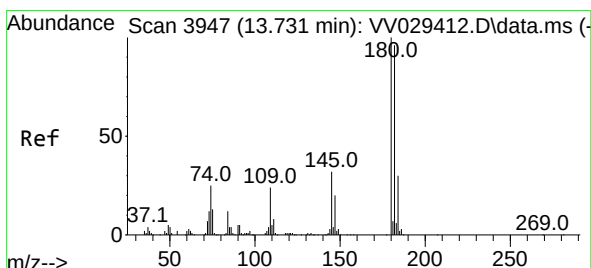
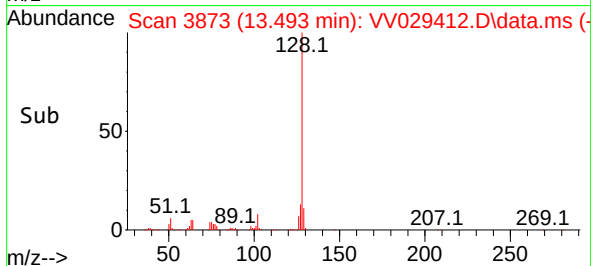
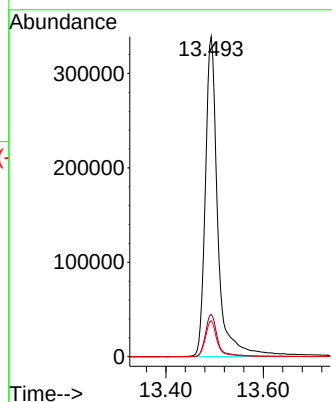
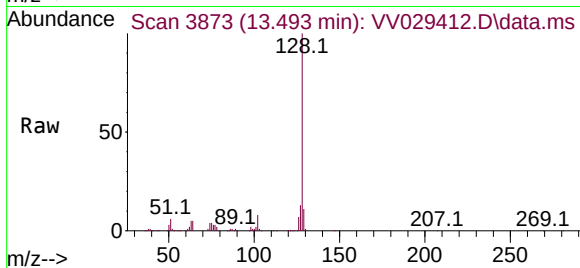
Tgt Ion:128 Resp: 598177

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: 55.030 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029412.D

Acq: 07 Dec 2022 12:22

Tgt Ion:180 Resp: 260411

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.3 25.0 37.6

