

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033566.D
 Acq On : 27 Dec 2022 15:11
 Operator : JC/MD
 Sample : VSTD20011
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200611

Quant Time: Dec 28 01:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:46:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	205688	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	191480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99864	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	212764	211.278	ug/L	0.00
7) Chloroethane-d5	1.672	69	232519	245.148	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	420155	198.163	ug/L	0.00
21) 2-Butanone-d5	4.465	46	314949	419.181	ug/L	0.00
24) Chloroform-d	5.056	84	549505	205.178	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	332710	197.546	ug/L	0.00
32) Benzene-d6	5.977	84	1048557	200.611	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	311494	201.892	ug/L	0.00
41) Toluene-d8	8.653	98	1053084	203.998	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	166949	220.814	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	256941	436.949	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	434016	203.304	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	410030	206.935	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	277557	193.530	ug/L	99
3) Chloromethane	1.294	50	211827	196.811	ug/L	98
5) Vinyl chloride	1.374	62	250220	211.244	ug/L	98
6) Bromomethane	1.618	94	163235	219.279	ug/L	97
8) Chloroethane	1.691	64	186329	227.401	ug/L	99
9) Trichlorofluoromethane	1.886	101	347710	194.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	233605	200.099	ug/L	97
12) 1,1-Dichloroethene	2.319	96	203893	191.737	ug/L	91
13) Acetone	2.392	43	226832	417.744	ug/L	100
14) Carbon disulfide	2.514	76	693123	209.933	ug/L	99
15) Methyl Acetate	2.703	43	211084	212.036	ug/L	99
16) Methylene chloride	2.788	84	243366	209.454	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	257421	214.246	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	776998	218.357	ug/L	100
19) 1,1-Dichloroethane	3.611	63	434044	201.642	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	287602	205.851	ug/L	100
22) 2-Butanone	4.562	43	325348	395.317	ug/L	97
23) Bromochloromethane	4.904	128	145450	197.123	ug/L	97
25) Chloroform	5.093	83	492170	199.669	ug/L	99
27) 1,2-Dichloroethane	6.086	62	378902	197.611	ug/L	99
29) Cyclohexane	5.477	56	408757	199.662	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	466294	197.929	ug/L	99
31) Carbon tetrachloride	5.684	117	428295	197.064	ug/L	98
33) Benzene	6.044	78	1038903	197.174	ug/L	100
34) Trichloroethene	7.123	95	290099	199.806	ug/L	98
35) Methylcyclohexane	7.385	83	469975	203.149	ug/L	99
37) 1,2-Dichloropropane	7.434	63	253635	197.277	ug/L	100
38) Bromodichloromethane	7.824	83	393697	198.482	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	435745	211.252	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	632659	404.799	ug/L	99
42) Toluene	8.720	91	1215330	205.173	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	435503	218.531	ug/L	97

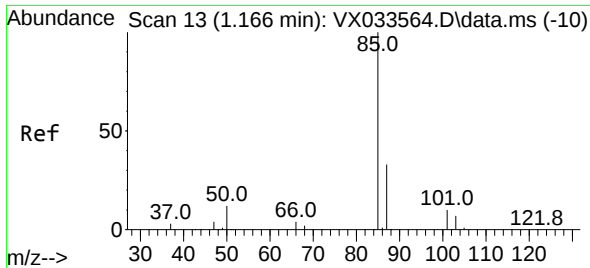
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
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Quant Time: Dec 28 01:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:46:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	278396	202.470	ug/L	99
46) Tetrachloroethene	9.275	164	249172	205.508	ug/L	97
48) 2-Hexanone	9.433	43	480136	398.118	ug/L	96
49) Dibromochloromethane	9.525	129	351303	206.167	ug/L	99
50) 1,2-Dibromoethane	9.610	107	309004	205.735	ug/L	99
51) Chlorobenzene	10.079	112	799476	204.889	ug/L	99
52) Ethylbenzene	10.195	91	1349843	208.498	ug/L	100
53) m,p-Xylene	10.305	106	547197	213.354	ug/L	90
54) o-Xylene	10.640	106	531512	210.089	ug/L	96
55) Styrene	10.659	104	909006	214.837	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	410164	199.072	ug/L	99
59) Bromoform	10.799	173	265007	207.121	ug/L	99
60) Isopropylbenzene	10.963	105	1382598	204.349	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	305526	190.846	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1193318	210.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1162835	208.448	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	633359	208.464	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	630964	204.004	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	609375	200.650	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	91163	199.506	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	455239	213.630	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	421438	221.895	ug/L	98
71) Naphthalene	13.774	128	1330476	219.878	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	412017	216.476	ug/L	99

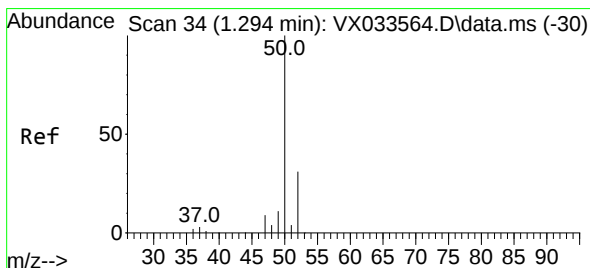
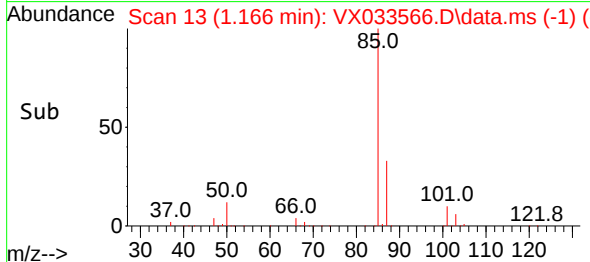
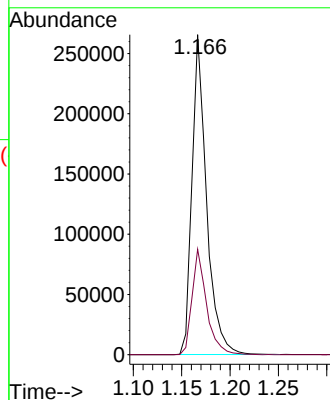
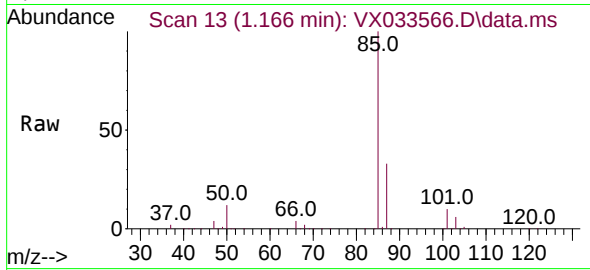
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 193.530 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033566.D
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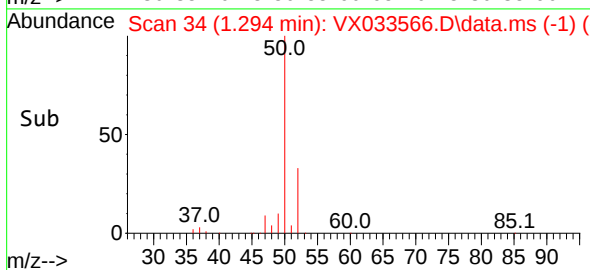
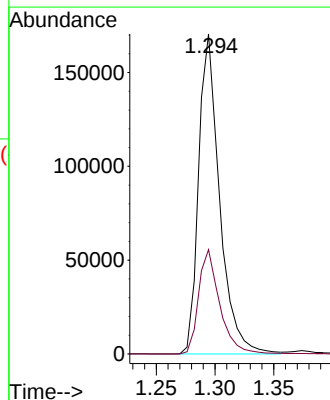
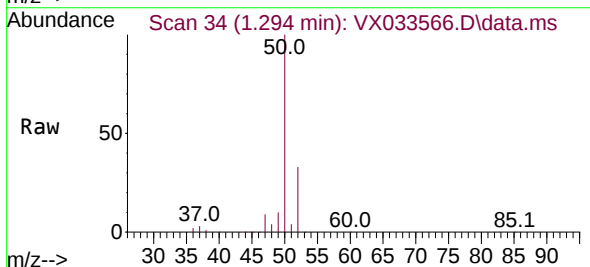
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200611

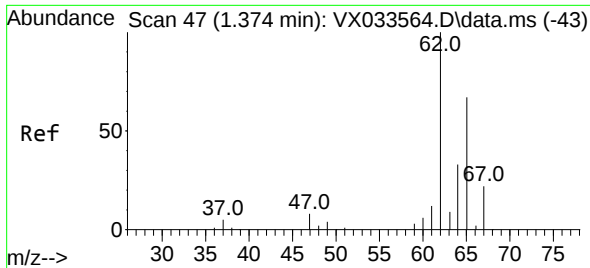
Tgt Ion: 85 Resp: 277557
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.7 40.1



#3
 Chloromethane
 Concen: 196.811 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX033566.D
 Acq: 27 Dec 2022 15:11

Tgt Ion: 50 Resp: 211827
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0

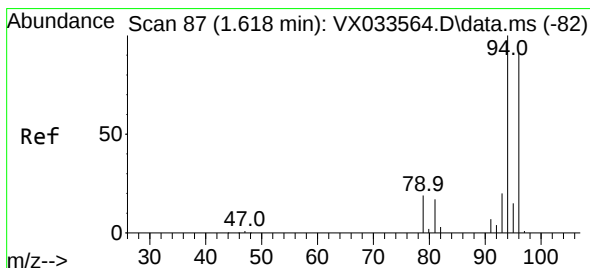
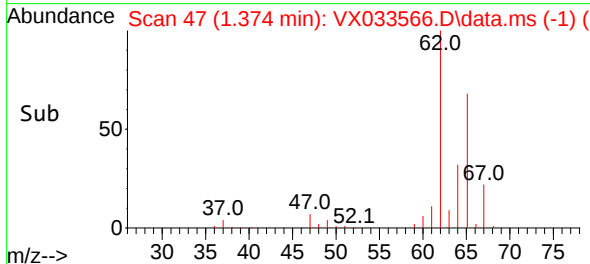
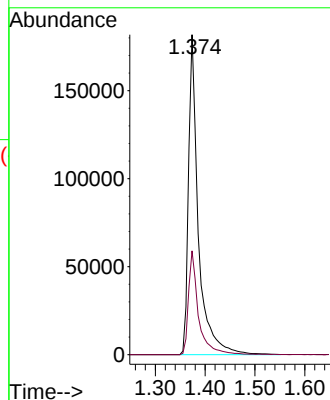
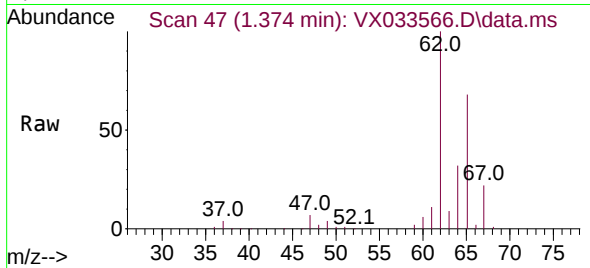




#5
 Vinyl chloride
 Concen: 211.244 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033566.D
 Acq: 27 Dec 2022 15:11

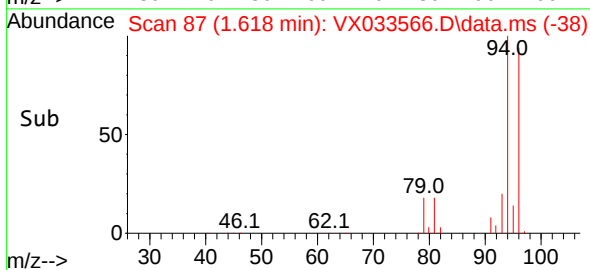
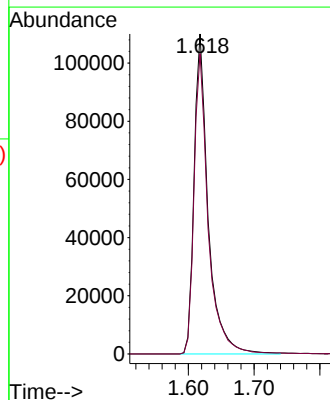
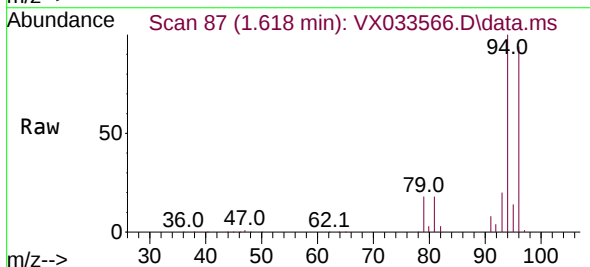
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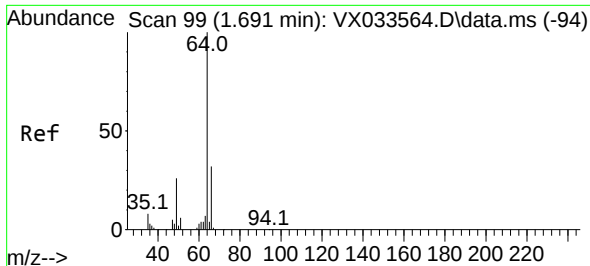
Tgt Ion: 62 Resp: 250220
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.4



#6
 Bromomethane
 Concen: 219.279 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033566.D
 Acq: 27 Dec 2022 15:11

Tgt Ion: 94 Resp: 163235
 Ion Ratio Lower Upper
 94 100
 96 93.9 63.5 117.9

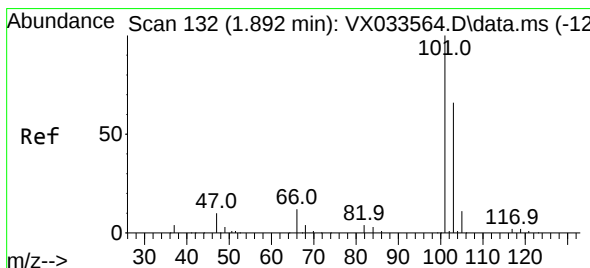
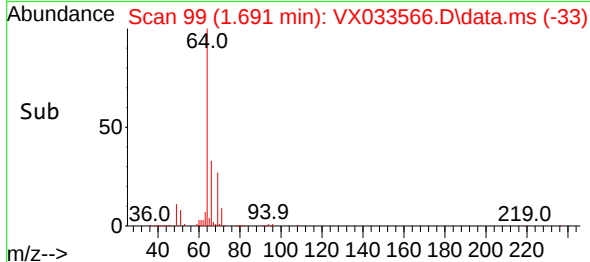
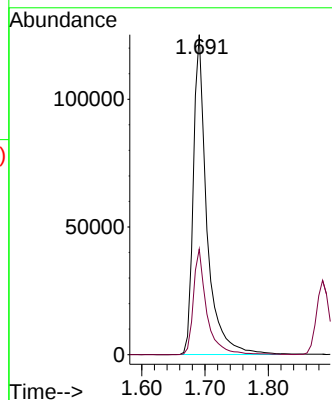
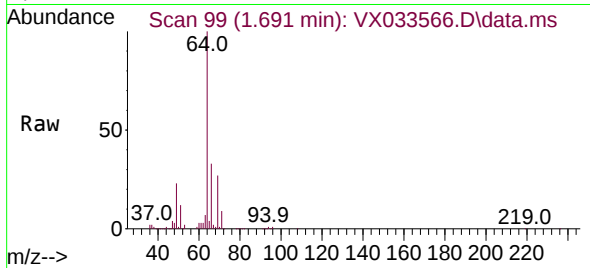




#8
Chloroethane
Concen: 227.401 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

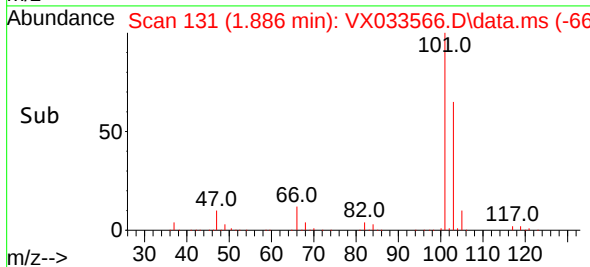
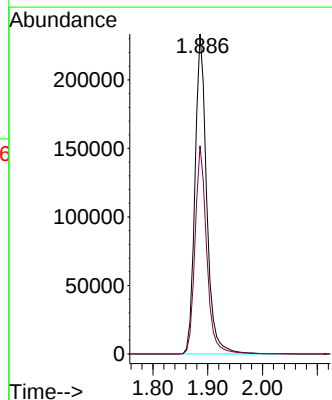
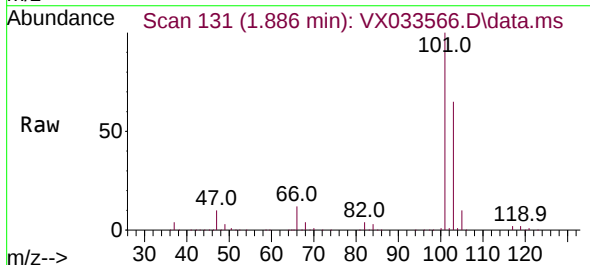
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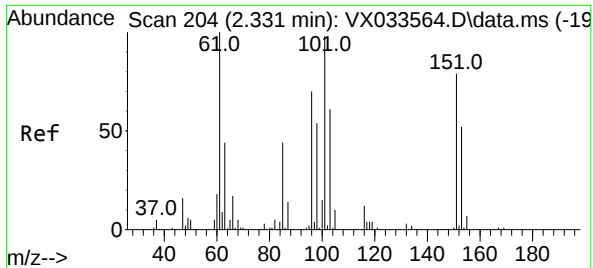
Tgt Ion: 64 Resp: 186329
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 194.124 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion:101 Resp: 347710
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

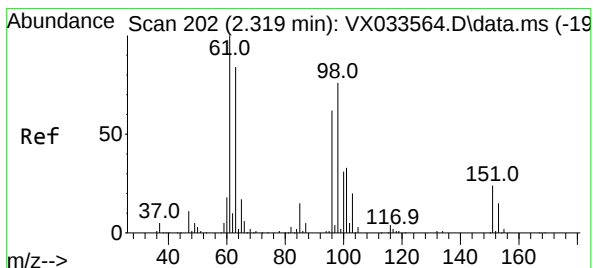
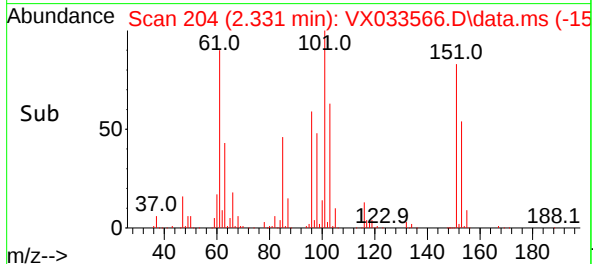
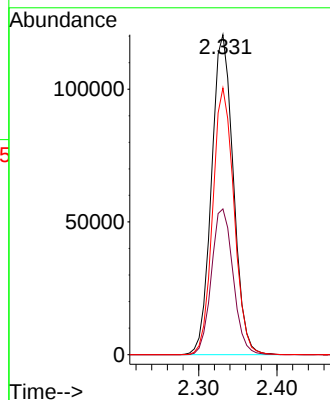
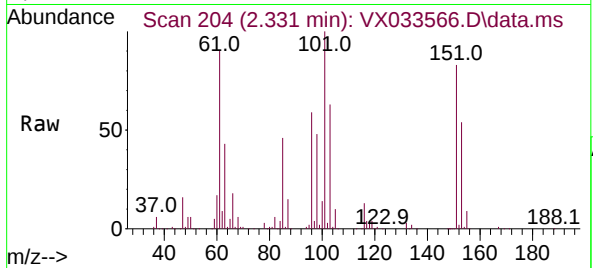




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 200.099 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX033566.D
 Acq: 27 Dec 2022 15:11

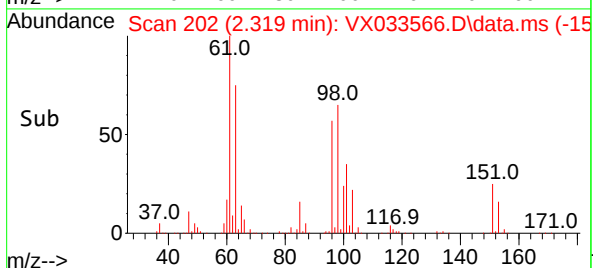
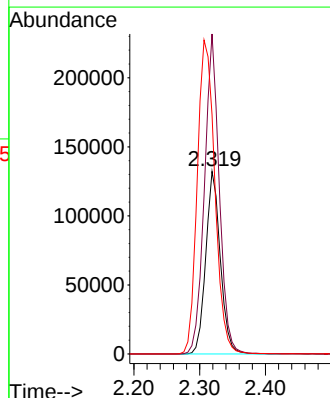
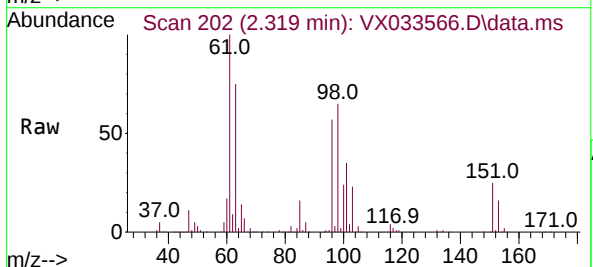
Instrument :
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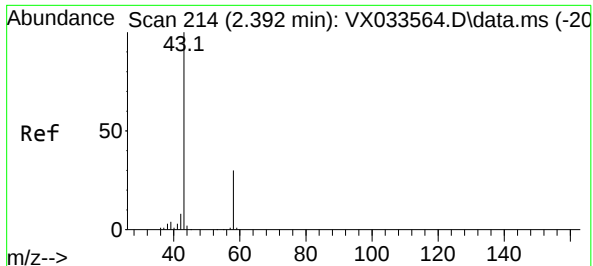
Tgt Ion:101 Resp: 233605
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.0 52.4
 151 81.3 63.3 94.9



#12
 1,1-Dichloroethene
 Concen: 191.737 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX033566.D
 Acq: 27 Dec 2022 15:11

Tgt Ion: 96 Resp: 203893
 Ion Ratio Lower Upper
 96 100
 61 175.3 112.7 209.3
 63 131.0 97.0 180.2





#13

Acetone

Concen: 417.744 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

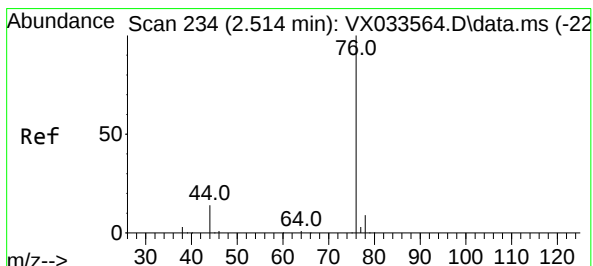
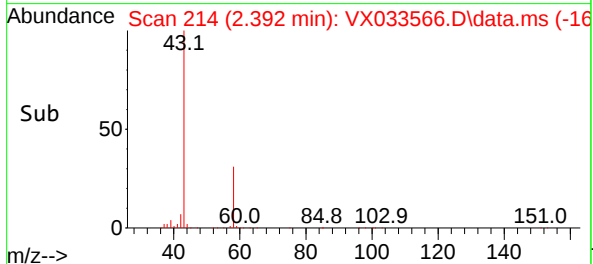
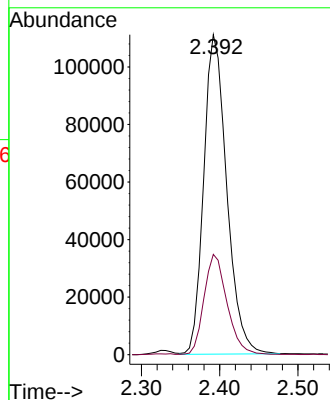
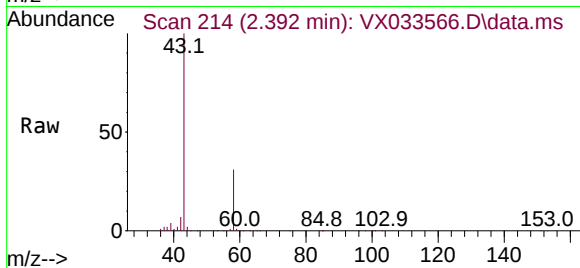
VSTD200611

Tgt Ion: 43 Resp: 226832

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.4



#14

Carbon disulfide

Concen: 209.933 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033566.D

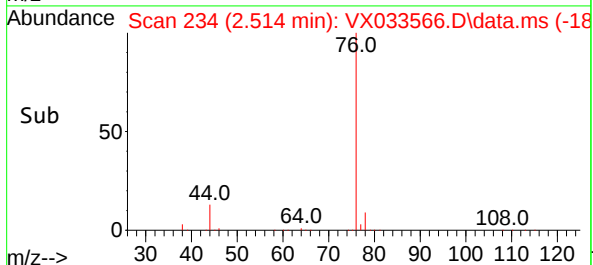
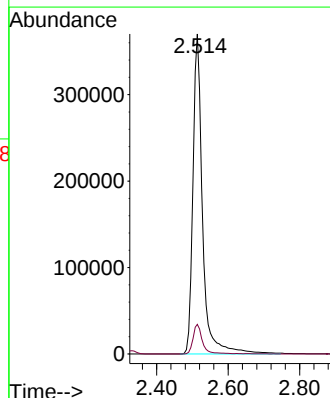
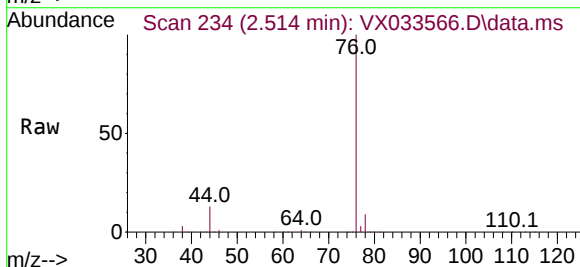
Acq: 27 Dec 2022 15:11

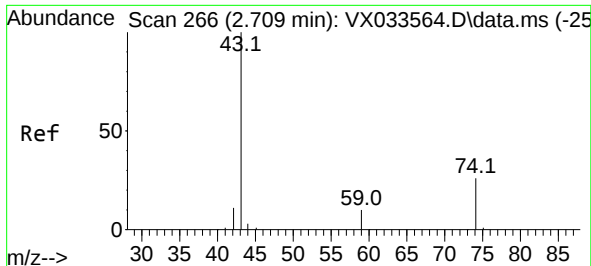
Tgt Ion: 76 Resp: 693123

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

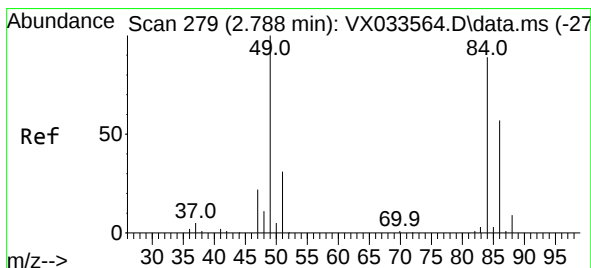
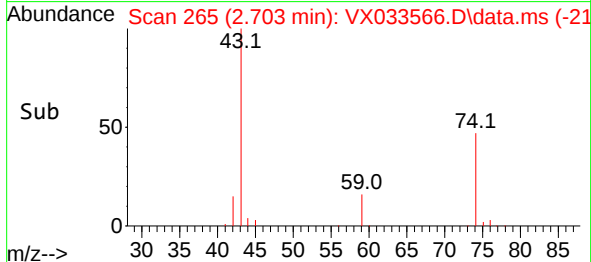
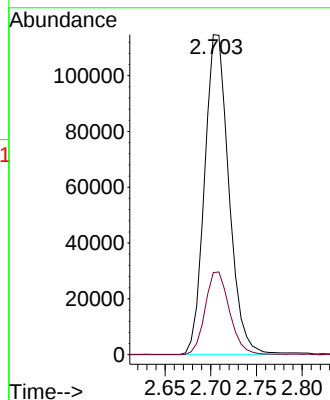
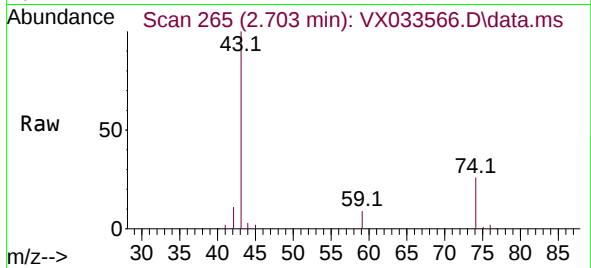




#15
Methyl Acetate
Concen: 212.036 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

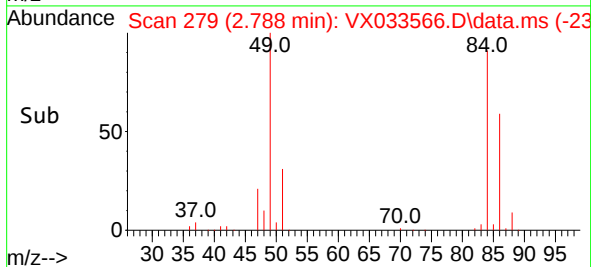
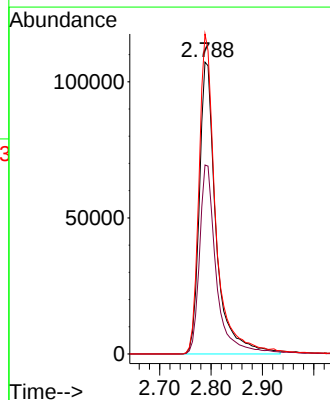
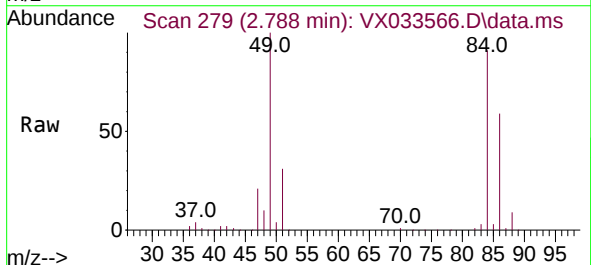
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ClientSampleId :
VSTD200611

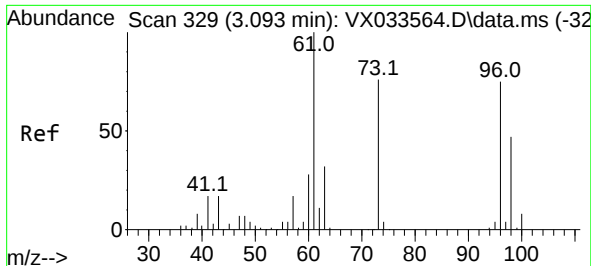
Tgt Ion: 43 Resp: 211084
Ion Ratio Lower Upper
43 100
74 26.2 20.6 30.8



#16
Methylene chloride
Concen: 209.454 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 84 Resp: 243366
Ion Ratio Lower Upper
84 100
86 64.8 44.9 83.5
49 109.7 79.0 146.8

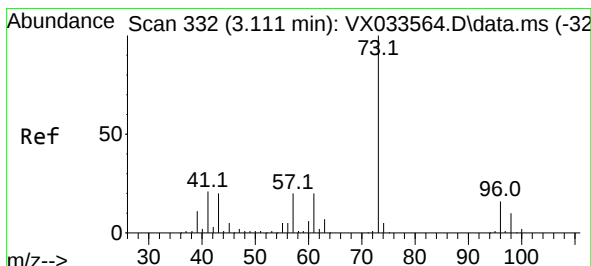
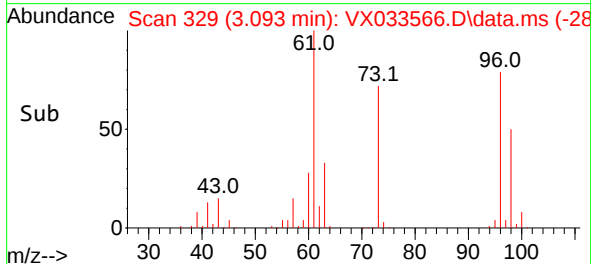
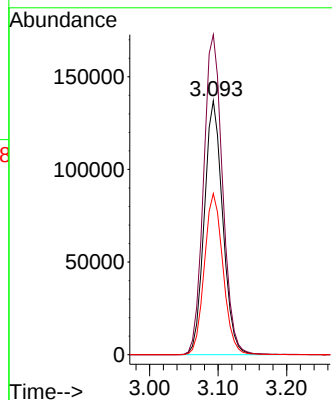
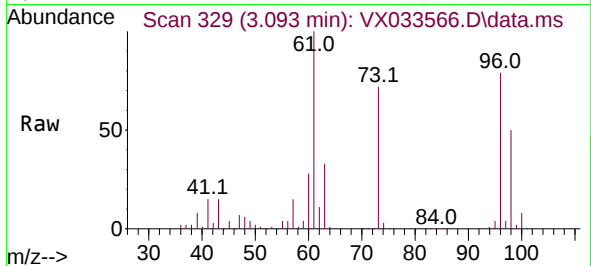




#17
trans-1,2-Dichloroethene
Concen: 214.246 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

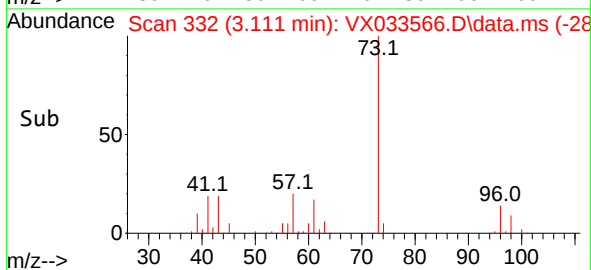
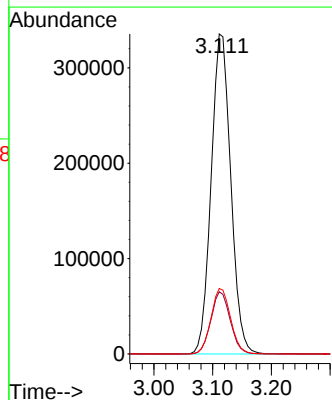
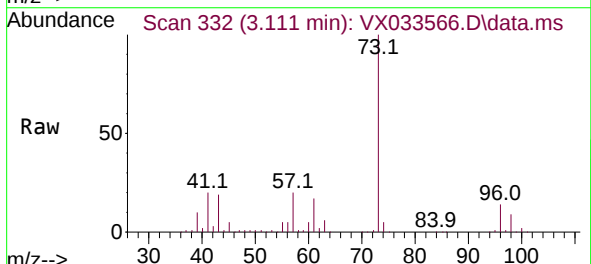
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

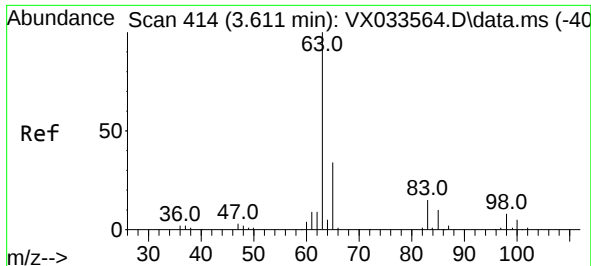
Tgt Ion: 96 Resp: 257421
Ion Ratio Lower Upper
96 100
61 126.0 93.0 172.8
98 63.4 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 218.357 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 73 Resp: 776998
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 20.4 16.2 24.4





#19

1,1-Dichloroethane

Concen: 201.642 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD200611

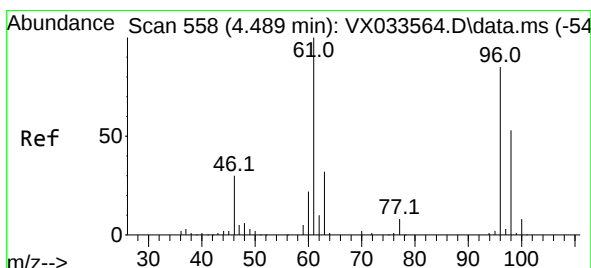
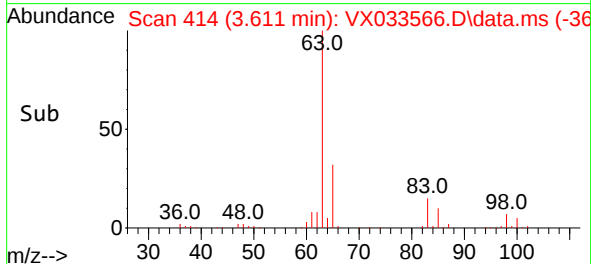
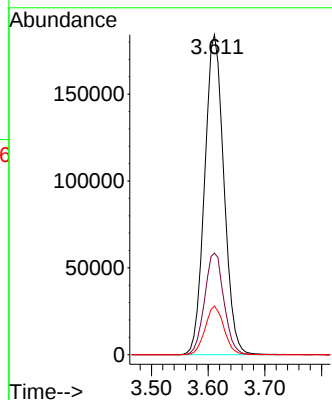
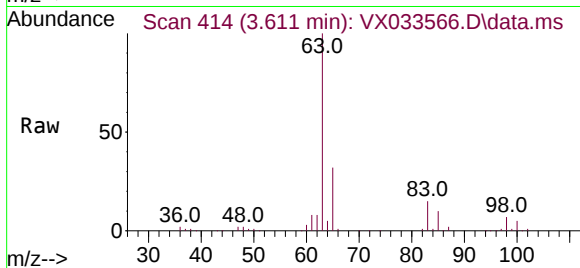
Tgt Ion: 63 Resp: 434044

Ion Ratio Lower Upper

63 100

65 31.7 23.4 43.6

83 15.2 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 205.851 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

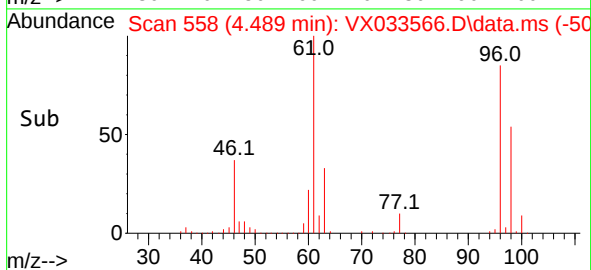
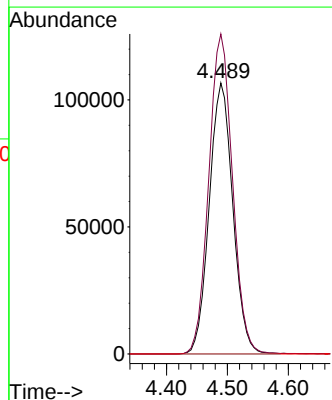
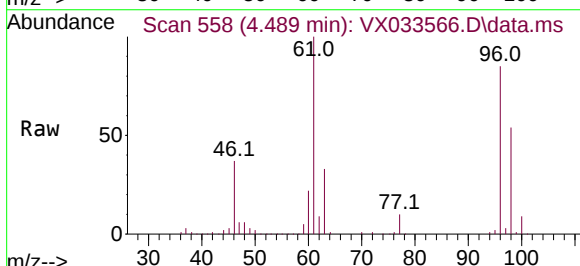
Tgt Ion: 96 Resp: 287602

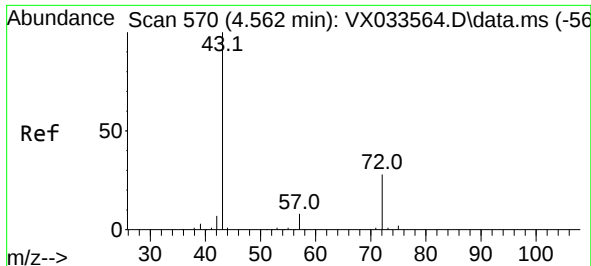
Ion Ratio Lower Upper

96 100

61 118.0 82.9 153.9

68 0.0 0.0 0.0

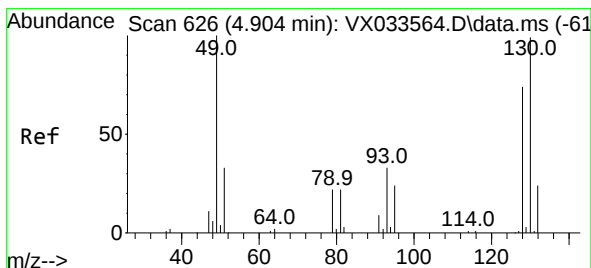
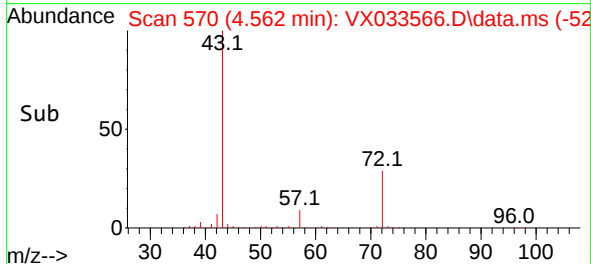
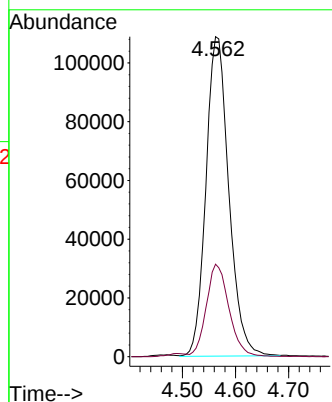
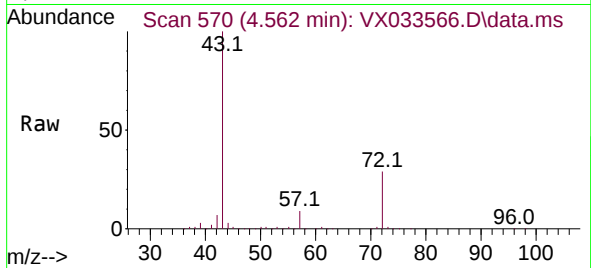




#22
2-Butanone
Concen: 395.317 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

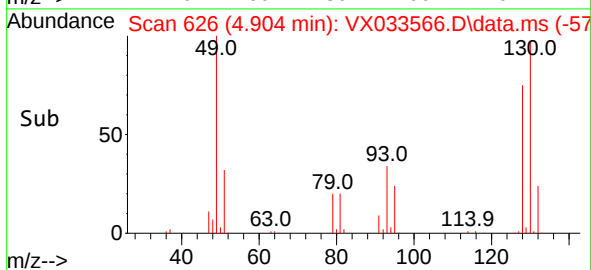
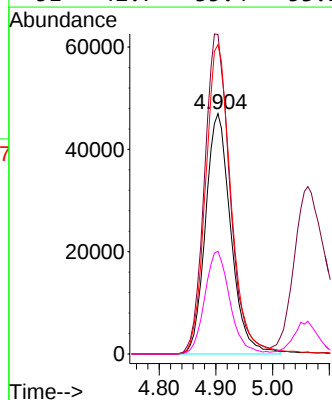
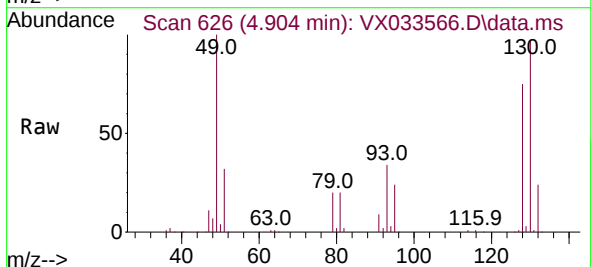
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

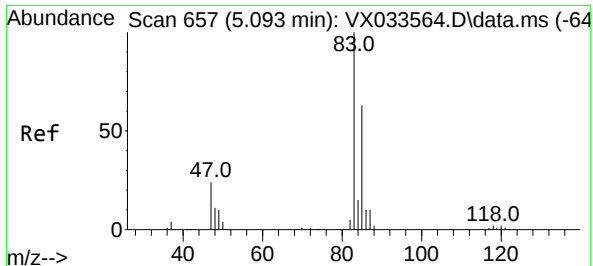
Tgt Ion: 43 Resp: 325348
Ion Ratio Lower Upper
43 100
72 28.4 13.5 40.4



#23
Bromochloromethane
Concen: 197.123 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 128 Resp: 145450
Ion Ratio Lower Upper
128 100
49 133.0 95.2 176.8
130 128.7 94.0 174.6
51 42.7 35.4 53.2





#25

Chloroform

Concen: 199.669 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

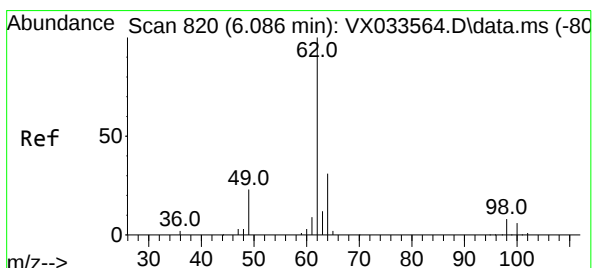
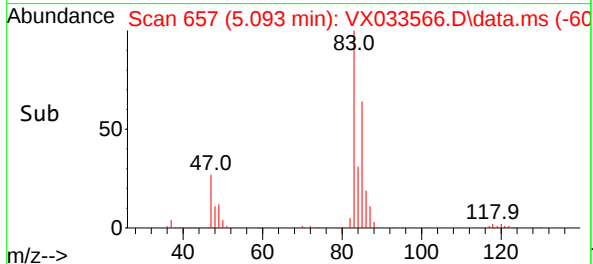
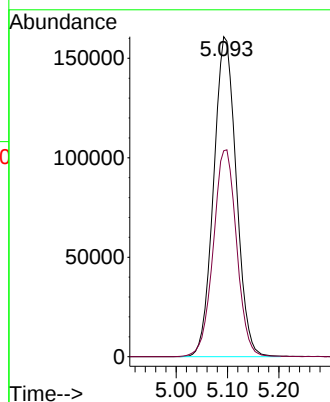
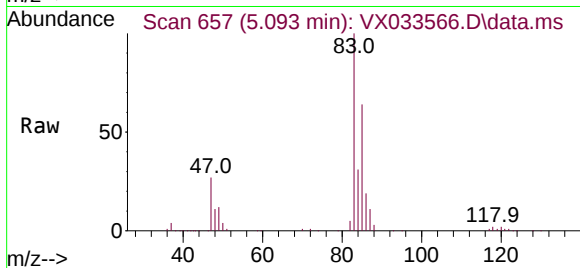
VSTD200611

Tgt Ion: 83 Resp: 492170

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.5



#27

1,2-Dichloroethane

Concen: 197.611 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX033566.D

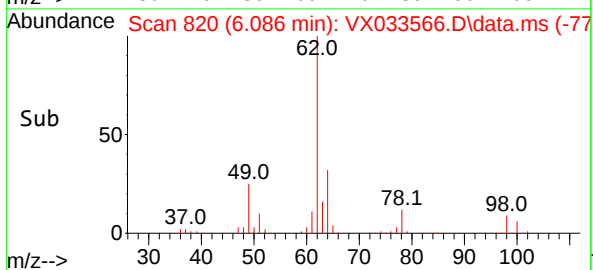
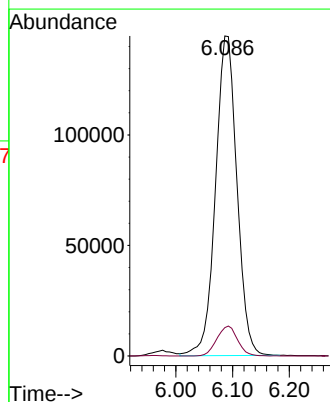
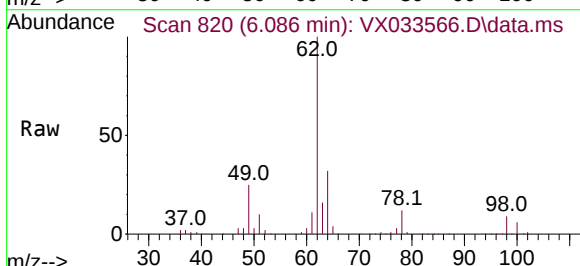
Acq: 27 Dec 2022 15:11

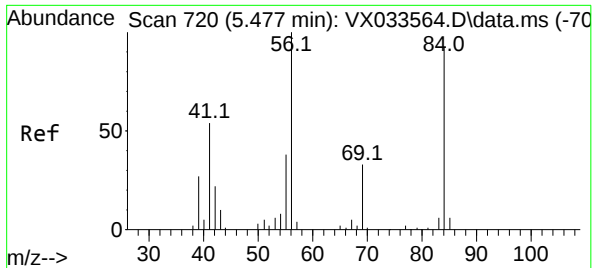
Tgt Ion: 62 Resp: 378902

Ion Ratio Lower Upper

62 100

98 8.9 6.7 10.1

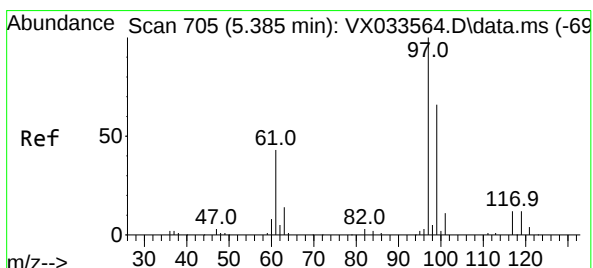
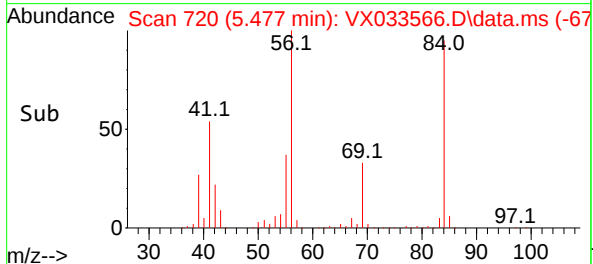
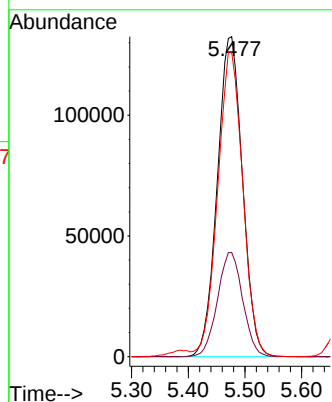
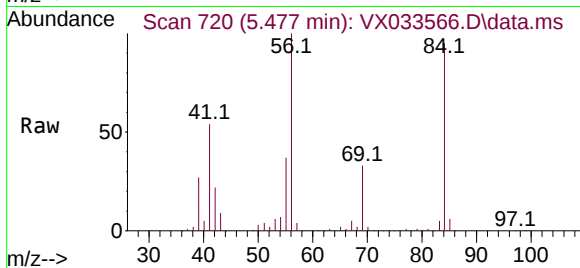




#29
Cyclohexane
Concen: 199.662 ug/L
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

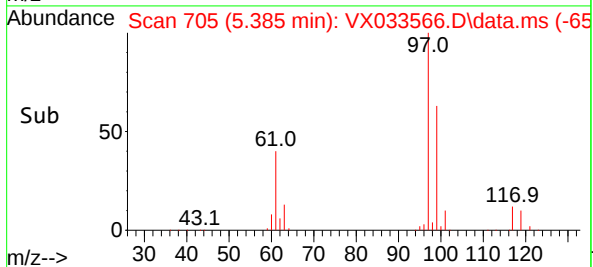
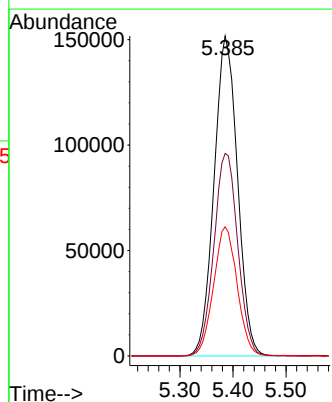
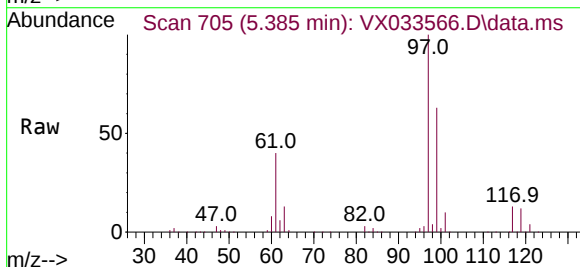
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

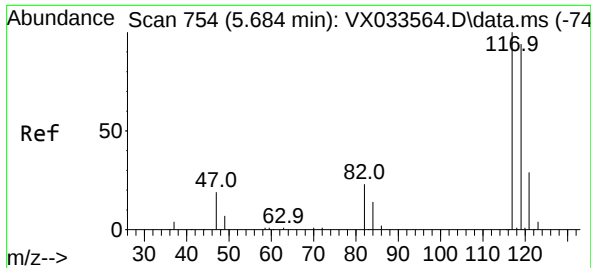
Tgt Ion:	56	Resp:	408757
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.9	38.9
84	95.0	75.7	113.5



#30
1,1,1-Trichloroethane
Concen: 197.929 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion:	97	Resp:	466294
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	40.7	33.4	50.0

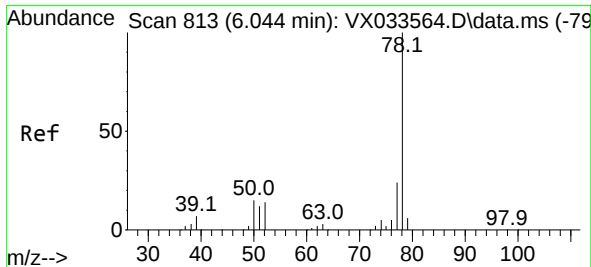
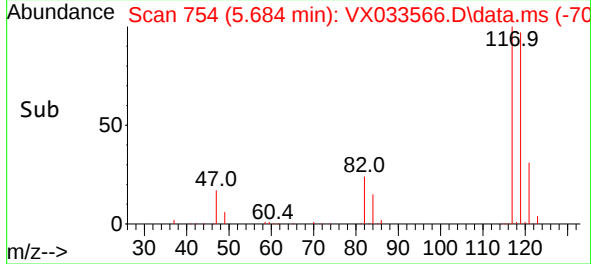
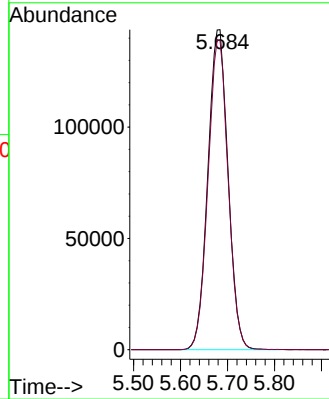
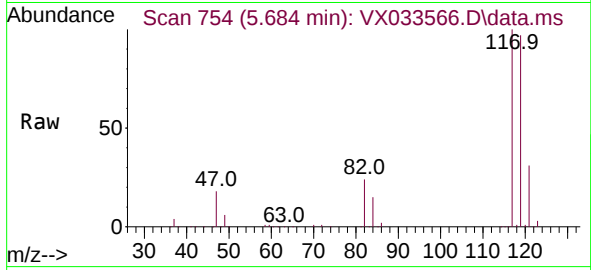




#31
Carbon tetrachloride
Concen: 197.064 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

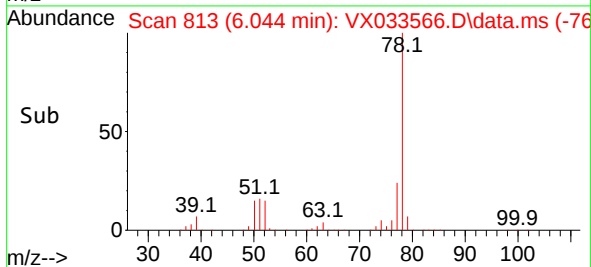
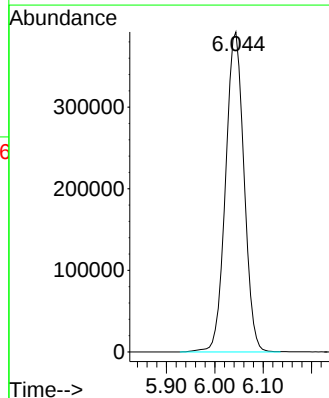
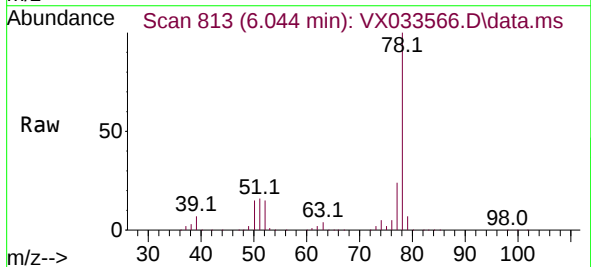
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

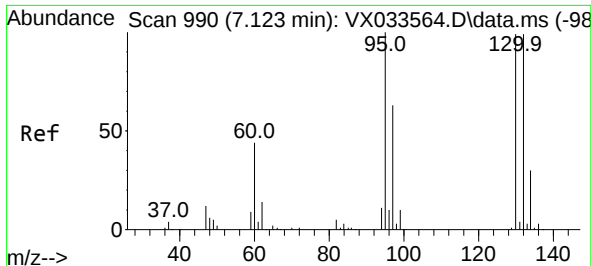
Tgt Ion:117 Resp: 428295
Ion Ratio Lower Upper
117 100
119 96.4 75.9 113.9



#33
Benzene
Concen: 197.174 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 78 Resp: 1038903



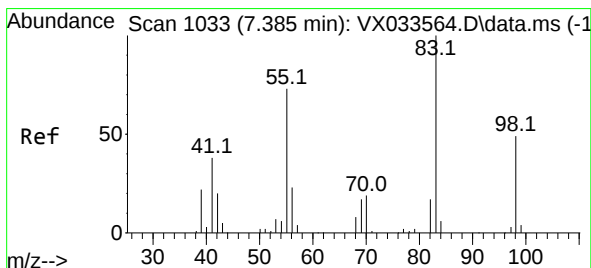
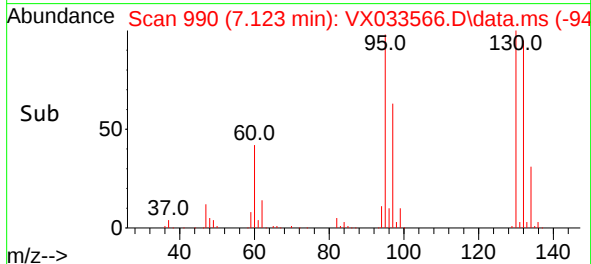
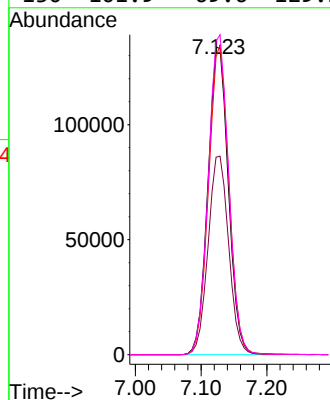
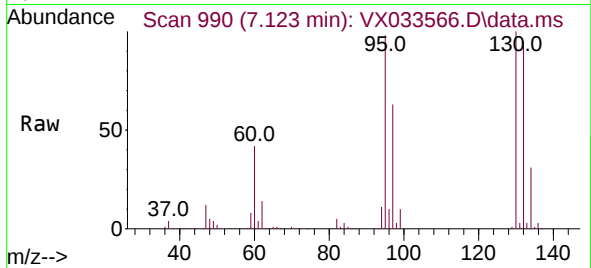


#34
Trichloroethene
Concen: 199.806 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

Tgt Ion: 95 Resp: 290099

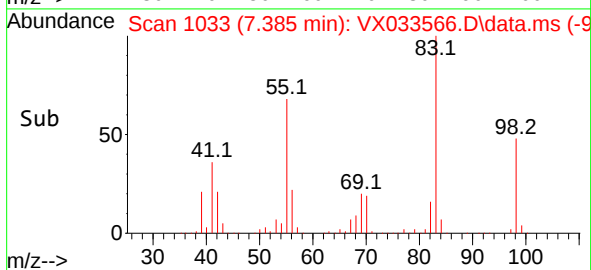
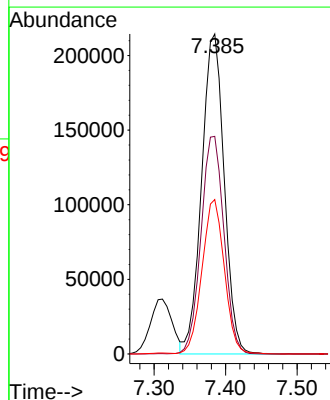
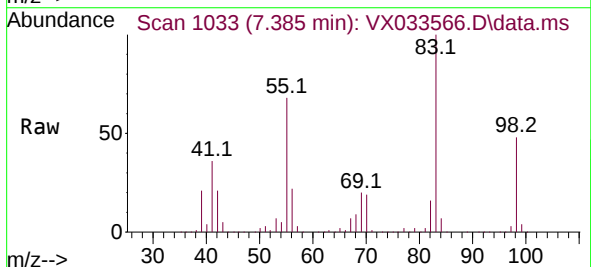
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.2	82.2
132	96.7	69.2	128.4
130	101.9	69.6	129.2

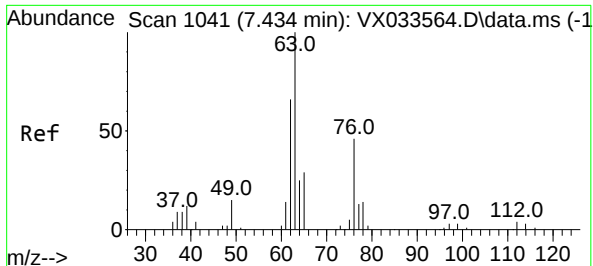


#35
Methylcyclohexane
Concen: 203.149 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 83 Resp: 469975

Ion	Ratio	Lower	Upper
83	100		
55	69.1	56.2	84.2
98	47.9	37.9	56.9





#37

1,2-Dichloropropane

Concen: 197.277 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

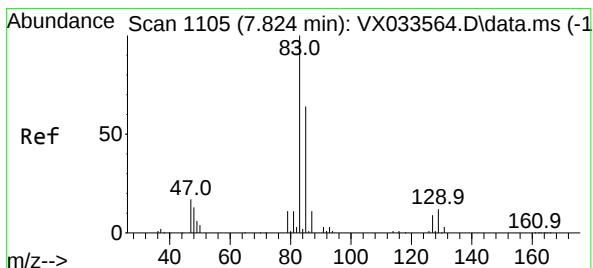
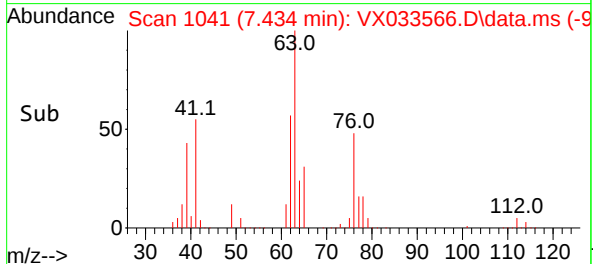
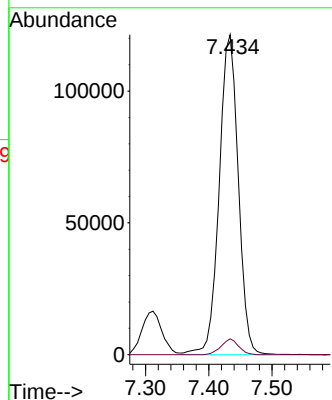
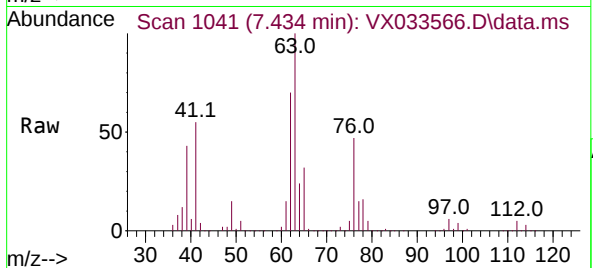
VSTD200611

Tgt Ion: 63 Resp: 253635

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 198.482 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

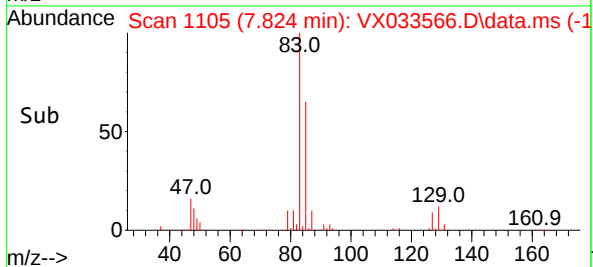
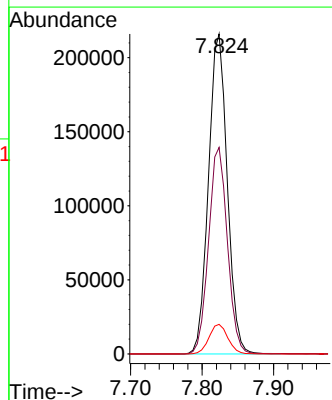
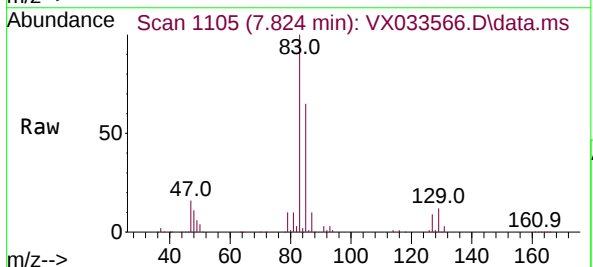
Tgt Ion: 83 Resp: 393697

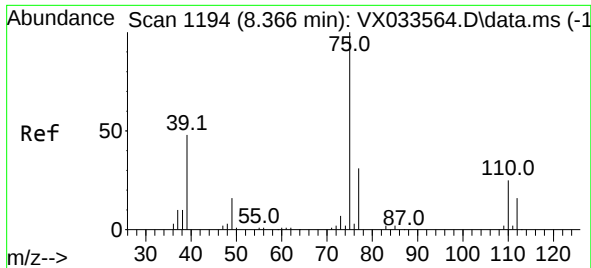
Ion Ratio Lower Upper

83 100

85 64.6 44.7 83.1

127 9.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 211.252 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

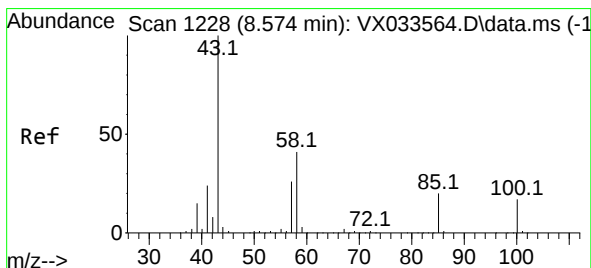
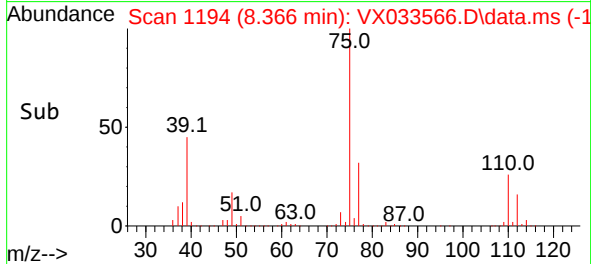
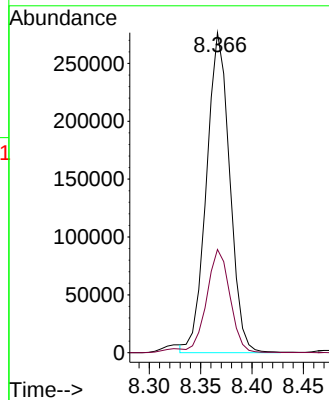
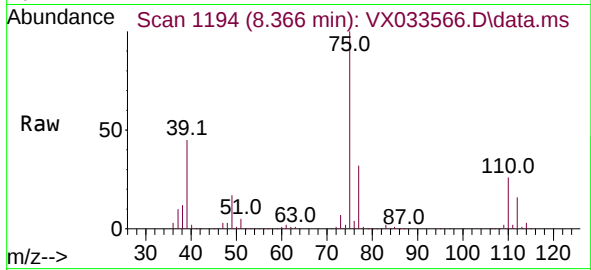
VSTD200611

Tgt Ion: 75 Resp: 435745

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 404.799 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

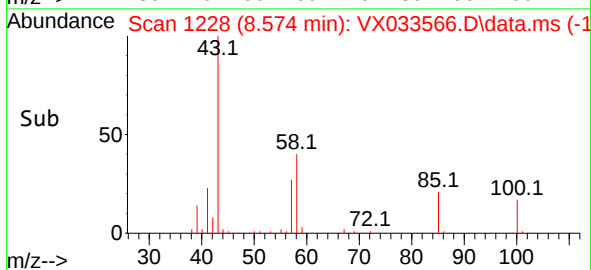
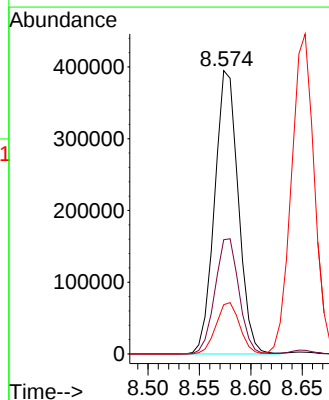
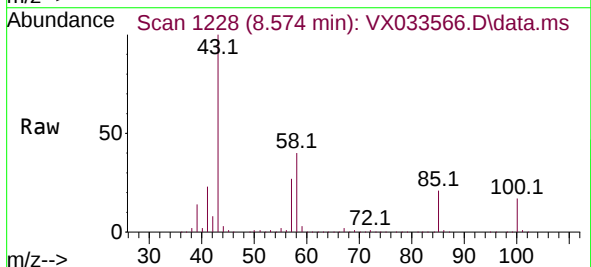
Tgt Ion: 43 Resp: 632659

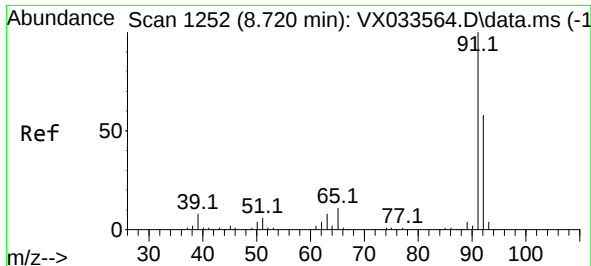
Ion Ratio Lower Upper

43 100

58 41.2 32.6 49.0

100 18.1 13.8 20.8

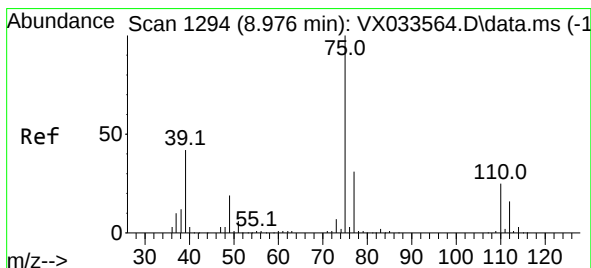
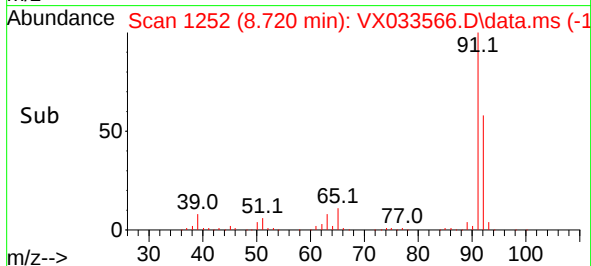
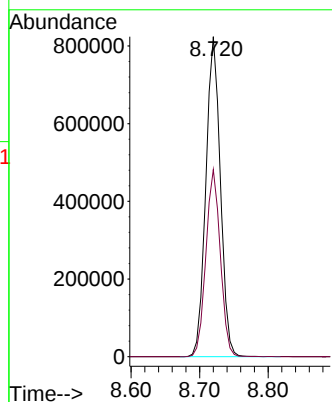
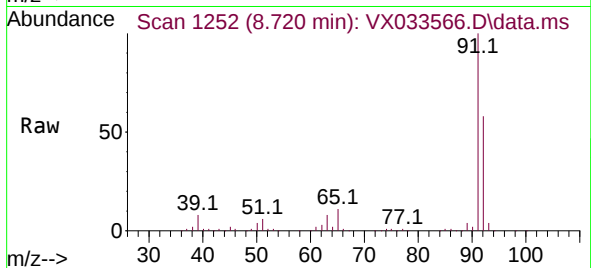




#42
Toluene
Concen: 205.173 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

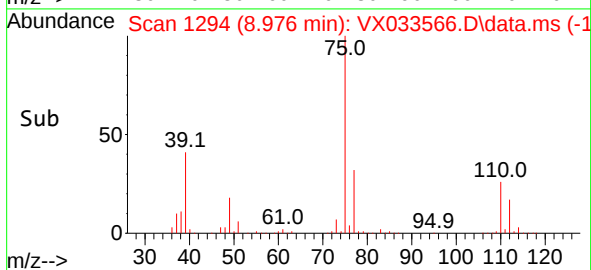
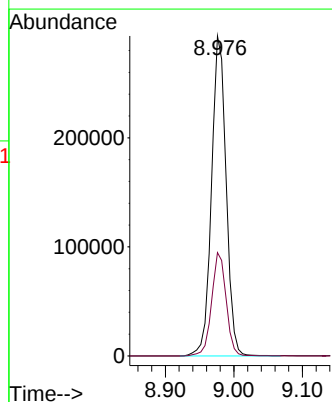
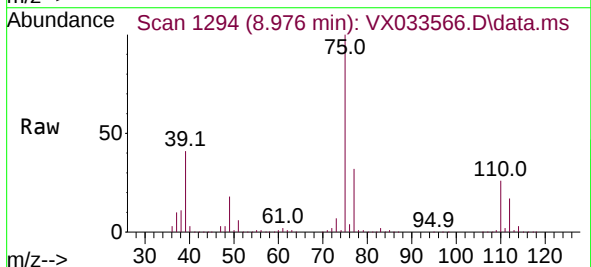
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

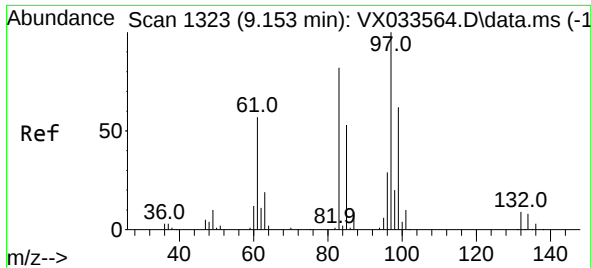
Tgt Ion: 91 Resp: 1215330
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 218.531 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 75 Resp: 435503
Ion Ratio Lower Upper
75 100
77 32.3 21.3 39.6



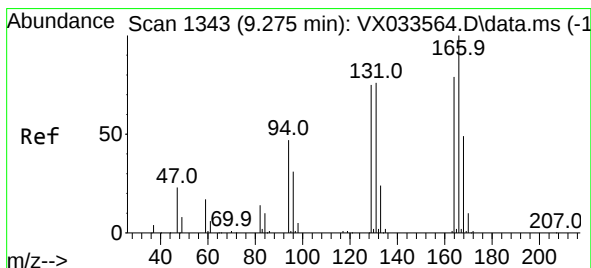
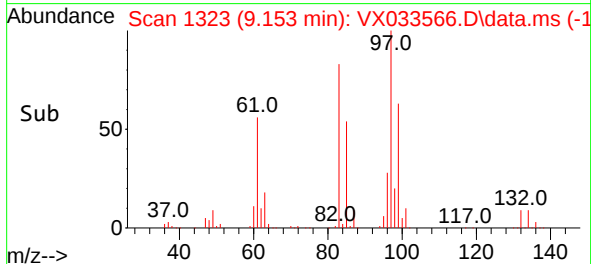
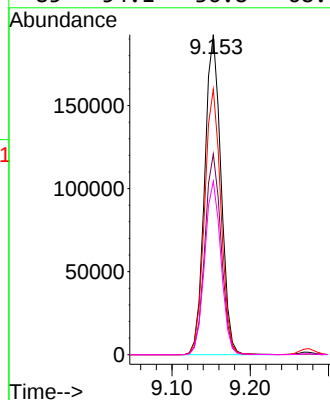
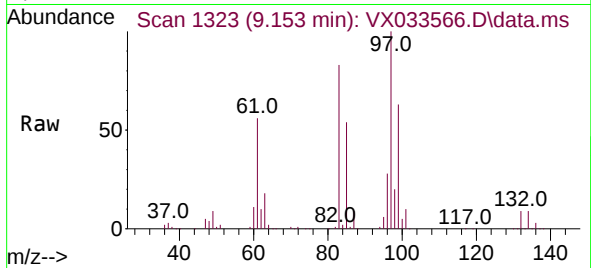


#45
1,1,2-Trichloroethane
Concen: 202.470 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

Tgt Ion: 97 Resp: 278396

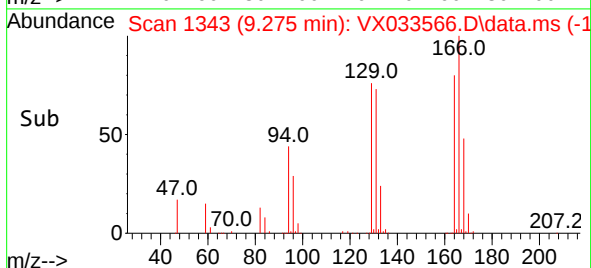
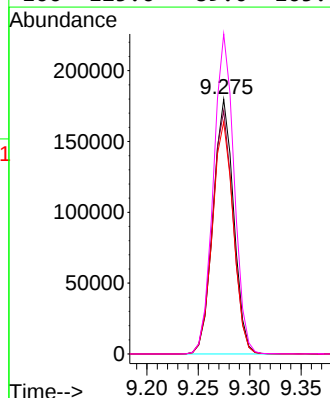
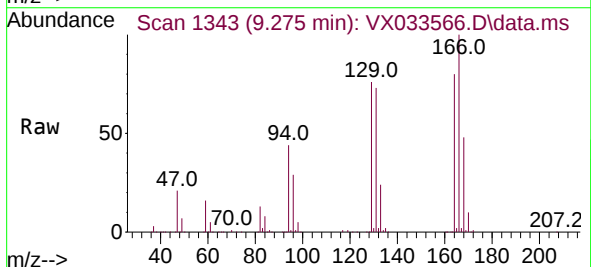
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.6	81.0
83	83.0	57.4	106.6
85	54.1	36.8	68.4

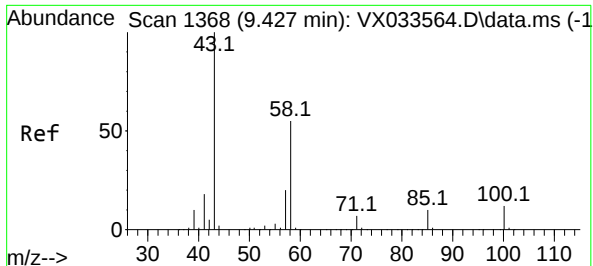


#46
Tetrachloroethene
Concen: 205.508 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 164 Resp: 249172

Ion	Ratio	Lower	Upper
164	100		
129	95.5	66.4	123.2
131	91.1	67.8	125.8
166	125.6	89.0	165.4





#48

2-Hexanone

Concen: 398.118 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD200611

Tgt Ion: 43 Resp: 480136

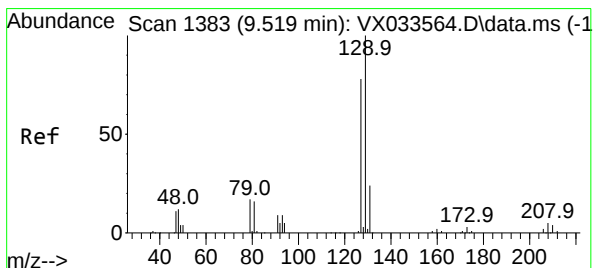
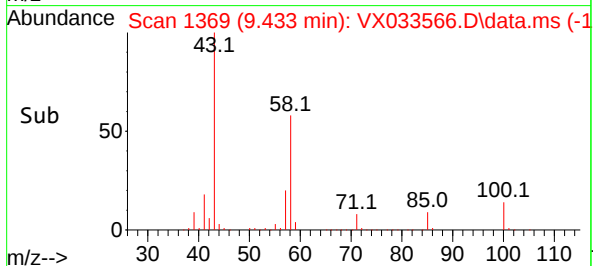
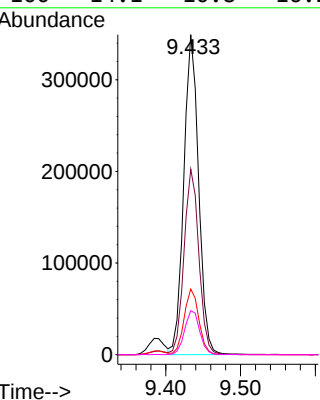
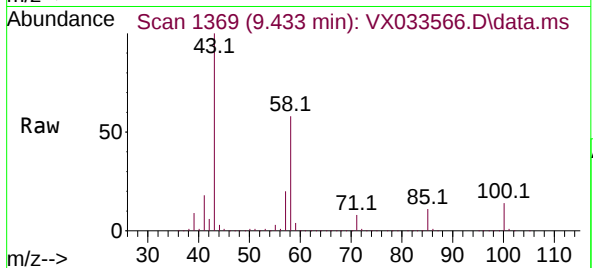
Ion Ratio Lower Upper

43 100

58 58.2 43.7 65.5

57 20.4 15.9 23.9

100 14.1 10.8 16.2



#49

Dibromochloromethane

Concen: 206.167 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX033566.D

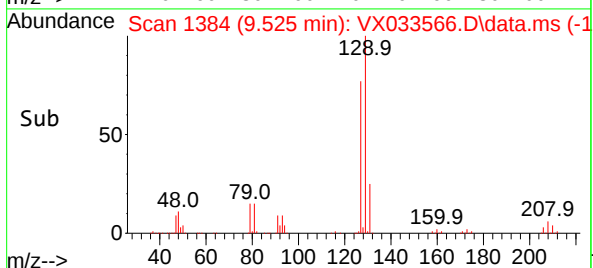
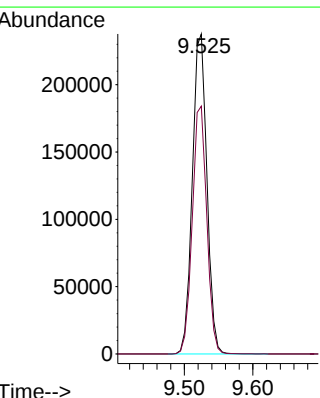
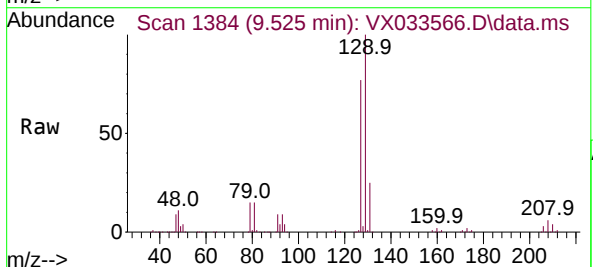
Acq: 27 Dec 2022 15:11

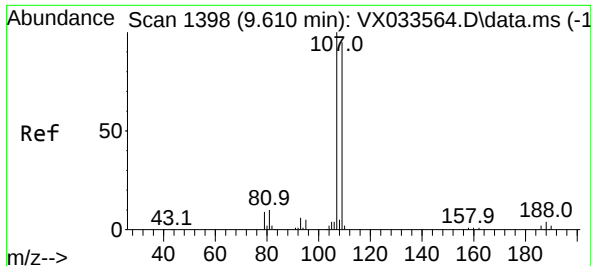
Tgt Ion:129 Resp: 351303

Ion Ratio Lower Upper

129 100

127 77.5 54.5 101.3





#50

1,2-Dibromoethane

Concen: 205.735 ug/L

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD200611

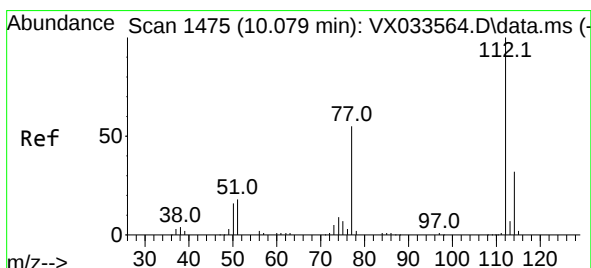
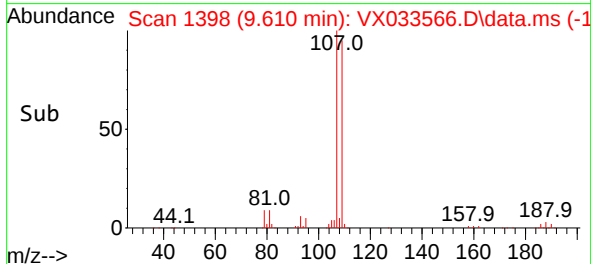
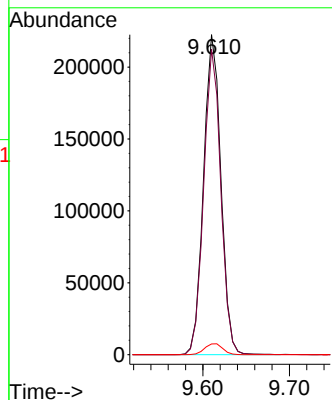
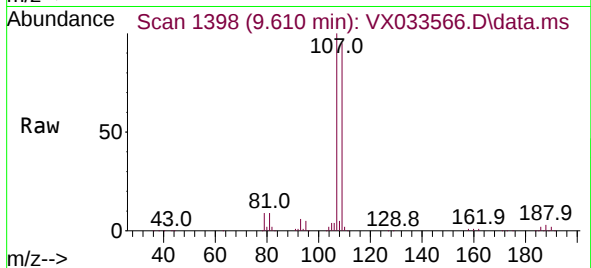
Tgt Ion:107 Resp: 309004

Ion Ratio Lower Upper

107 100

109 95.5 66.4 123.2

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 204.889 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

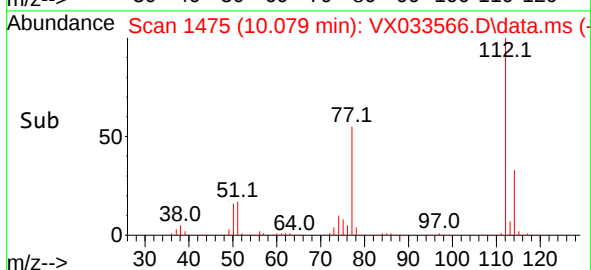
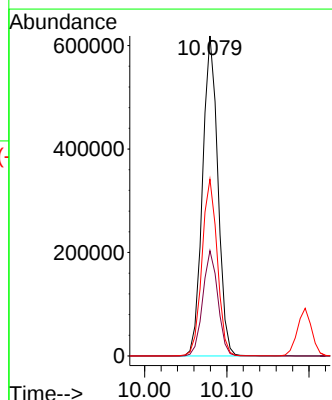
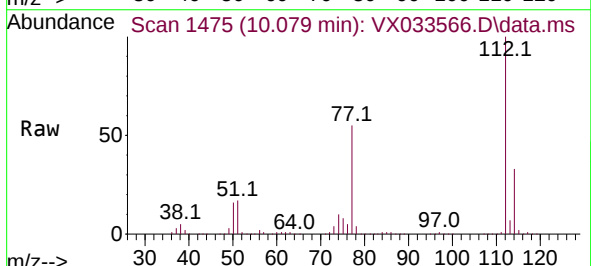
Tgt Ion:112 Resp: 799476

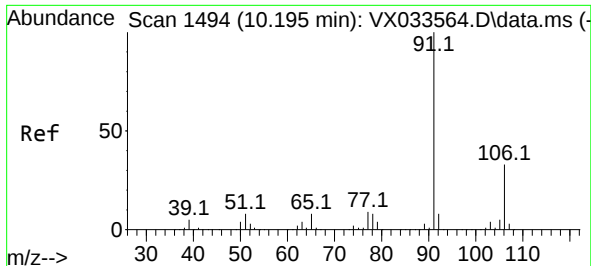
Ion Ratio Lower Upper

112 100

114 32.9 22.7 42.1

77 55.3 44.7 67.1





#52

Ethylbenzene

Concen: 208.498 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

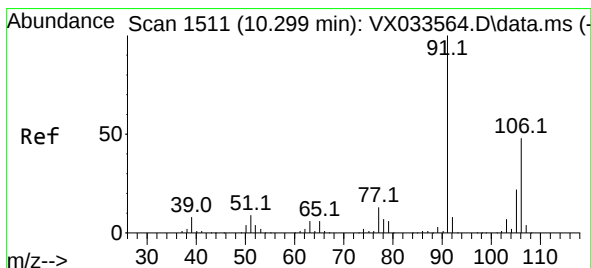
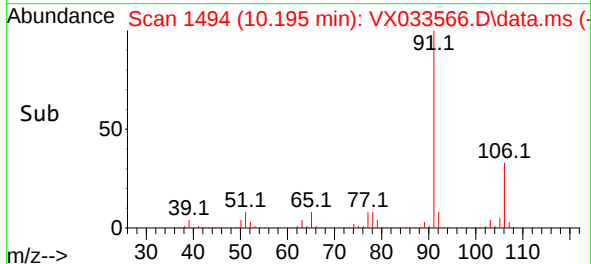
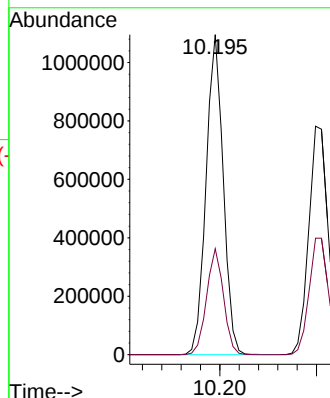
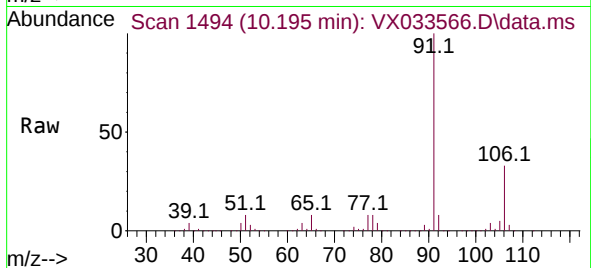
VSTD200611

Tgt Ion: 91 Resp: 1349843

Ion Ratio Lower Upper

91 100

106 33.1 23.1 42.9



#53

m,p-Xylene

Concen: 213.354 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX033566.D

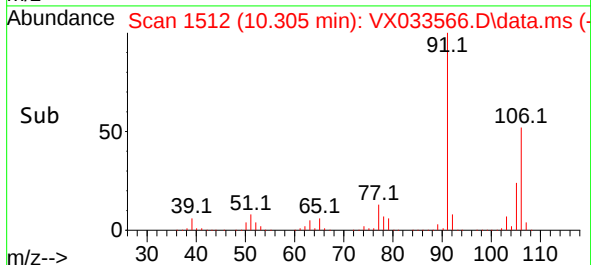
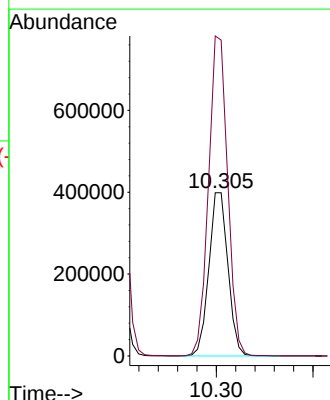
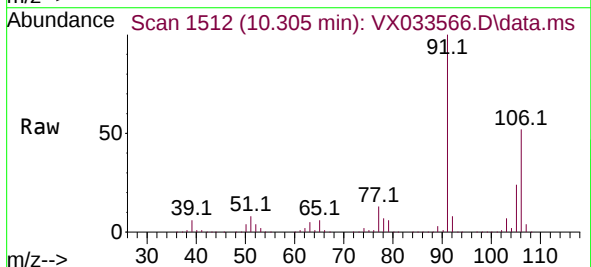
Acq: 27 Dec 2022 15:11

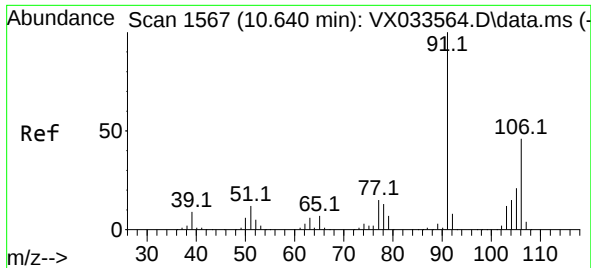
Tgt Ion:106 Resp: 547197

Ion Ratio Lower Upper

106 100

91 193.5 145.9 271.1

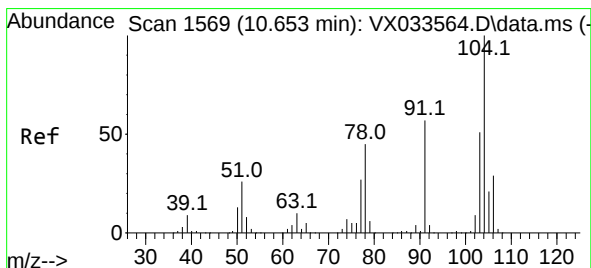
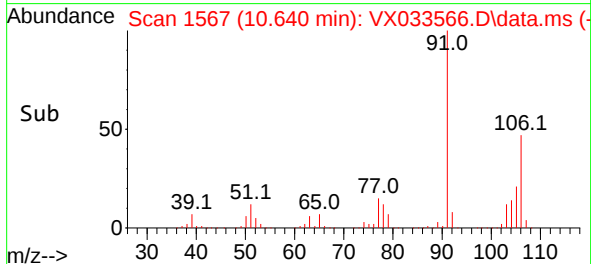
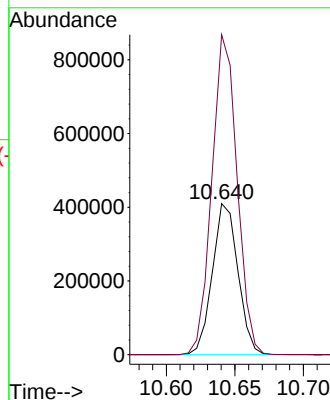
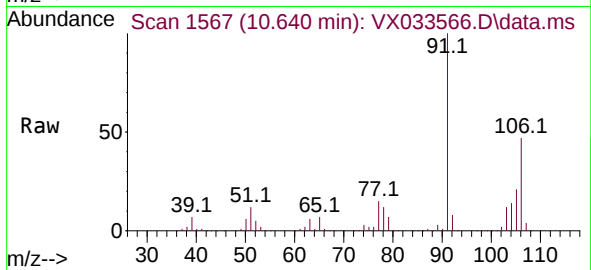




#54
o-Xylene
Concen: 210.089 ug/L
RT: 10.640 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

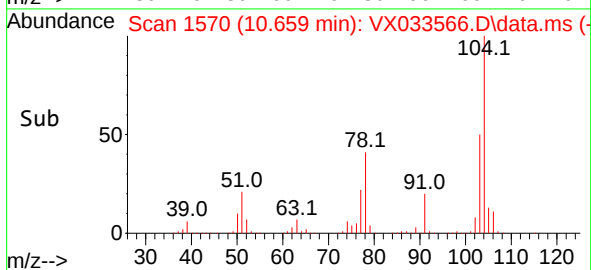
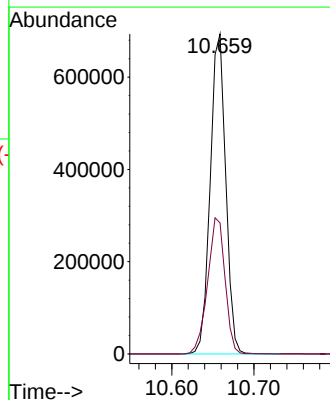
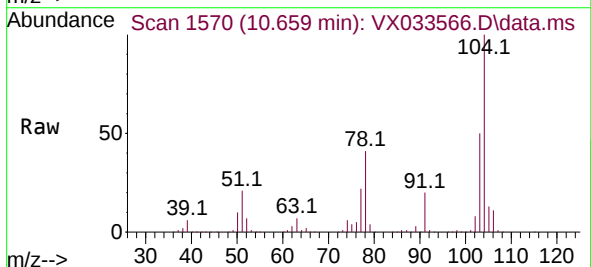
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

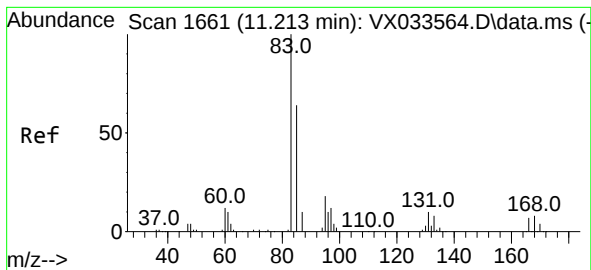
Tgt Ion:106 Resp: 531512
Ion Ratio Lower Upper
106 100
91 211.8 152.3 282.9



#55
Styrene
Concen: 214.837 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion:104 Resp: 909006
Ion Ratio Lower Upper
104 100
78 40.9 31.8 59.0

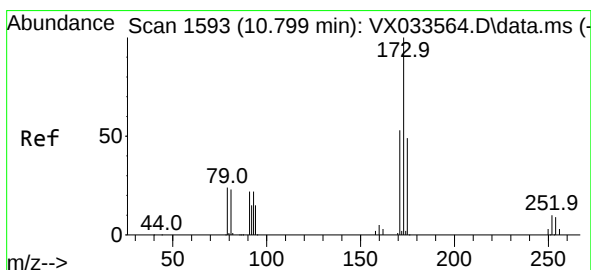
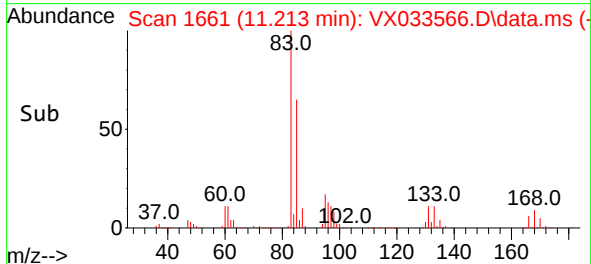
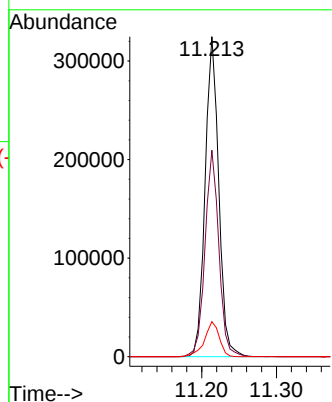
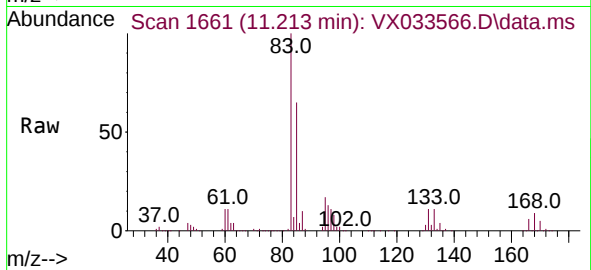




#57
1,1,2-Tetrachloroethane
Concen: 199.072 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

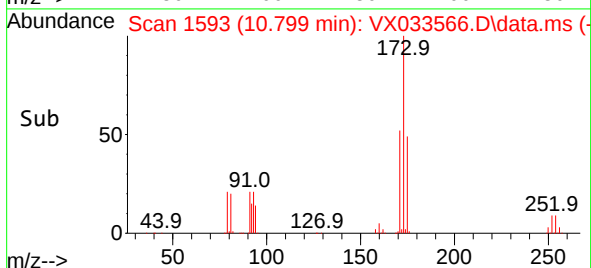
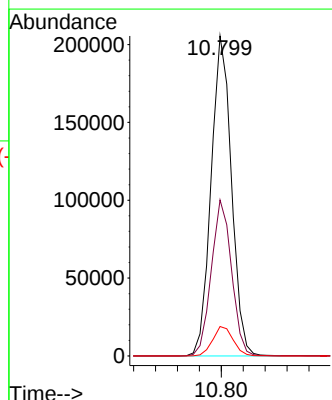
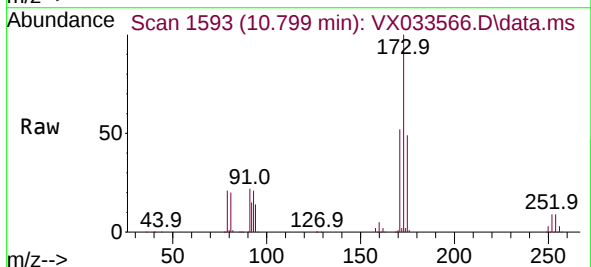
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

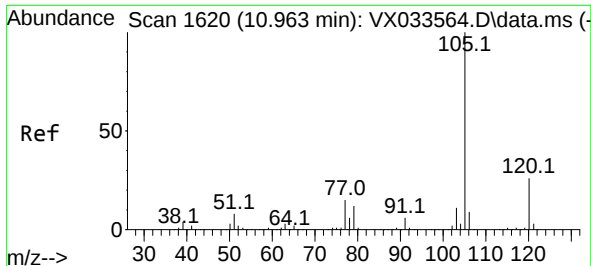
Tgt Ion: 83 Resp: 410164
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
131 11.0 8.4 12.6



#59
Bromoform
Concen: 207.121 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion:173 Resp: 265007
Ion Ratio Lower Upper
173 100
175 48.6 39.7 59.5
254 9.3 7.4 11.0

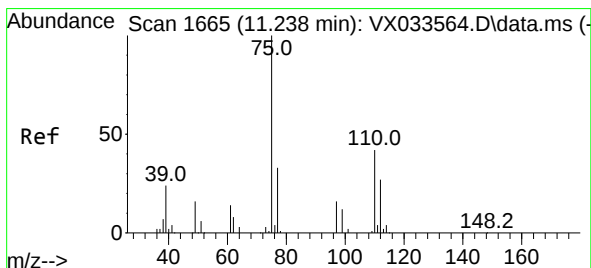
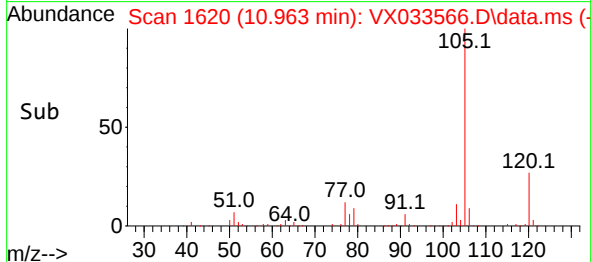
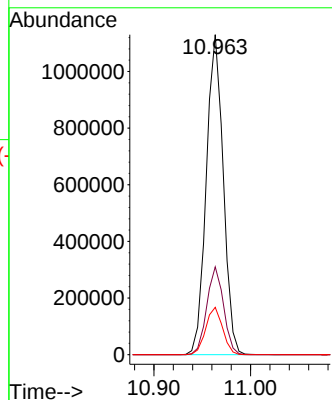
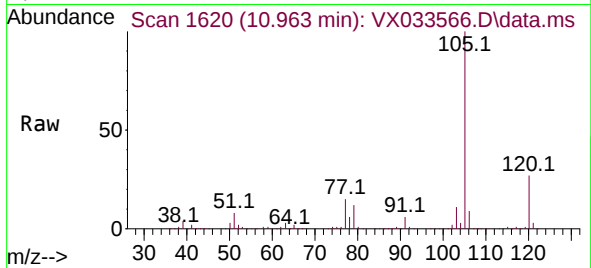




#60
Isopropylbenzene
Concen: 204.349 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

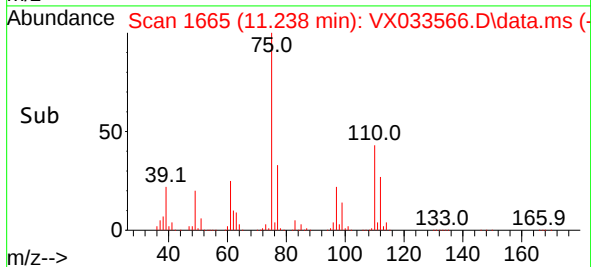
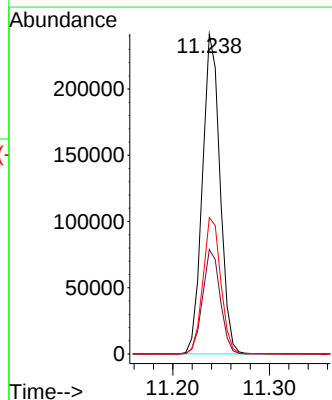
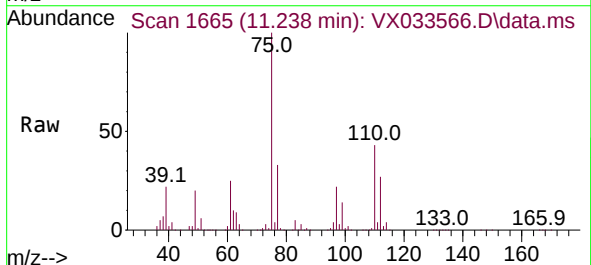
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

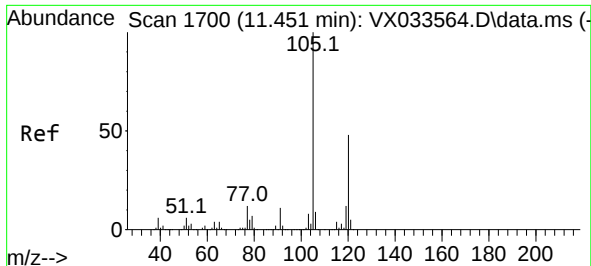
Tgt Ion:105 Resp: 1382598
Ion Ratio Lower Upper
105 100
120 27.1 21.2 31.8
77 14.7 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 190.846 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion: 75 Resp: 305526
Ion Ratio Lower Upper
75 100
77 32.6 25.9 38.9
110 43.1 33.8 50.6

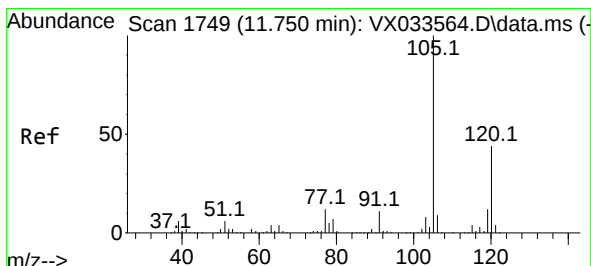
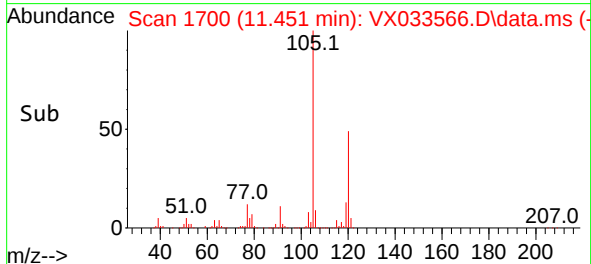
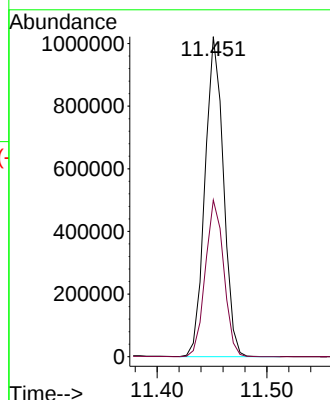
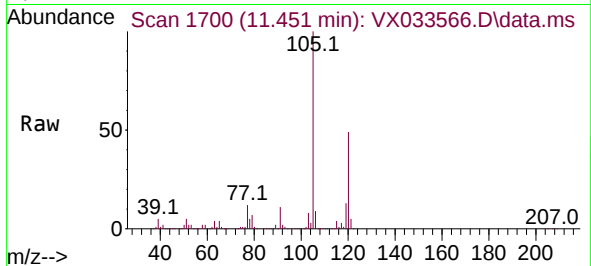




#62
1,3,5-Trimethylbenzene
Concen: 210.490 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

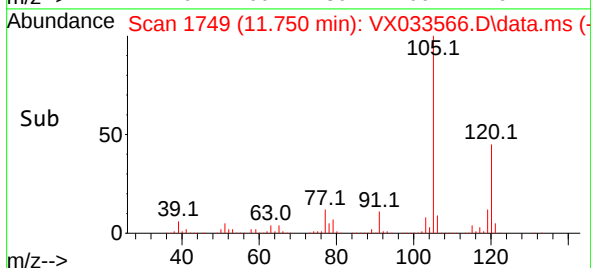
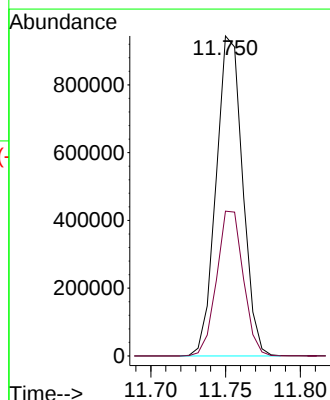
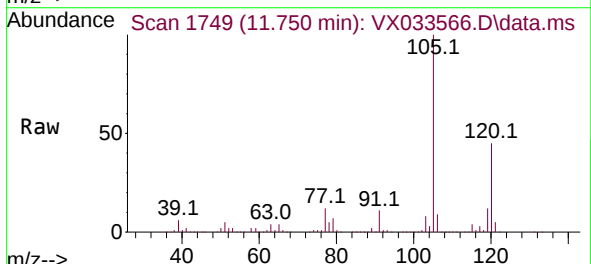
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

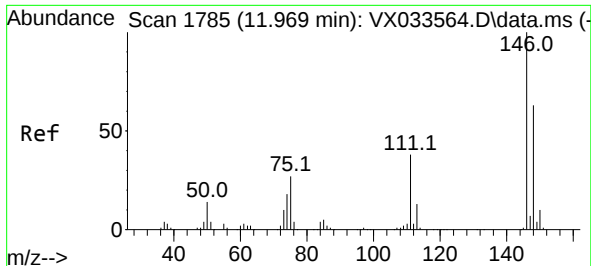
Tgt Ion:105 Resp: 1193318
Ion Ratio Lower Upper
105 100
120 48.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 208.448 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion:105 Resp: 1162835
Ion Ratio Lower Upper
105 100
120 45.5 35.8 53.6

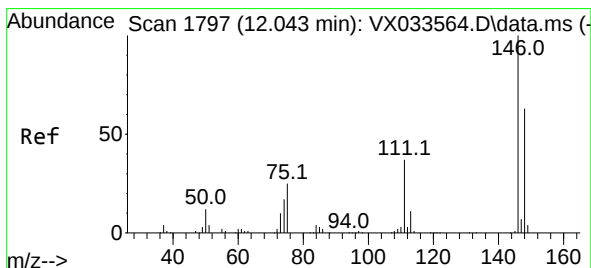
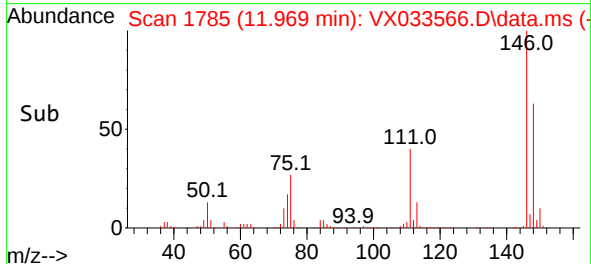
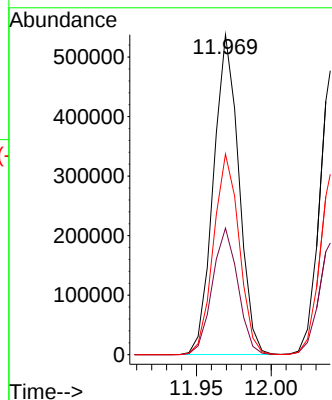
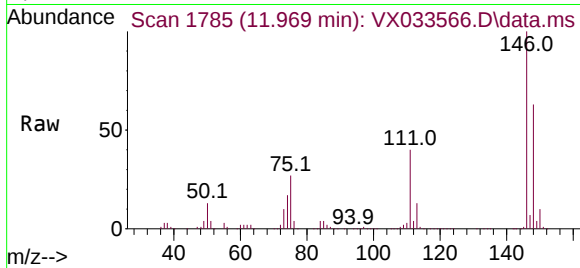




#64
1,3-Dichlorobenzene
Concen: 208.464 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

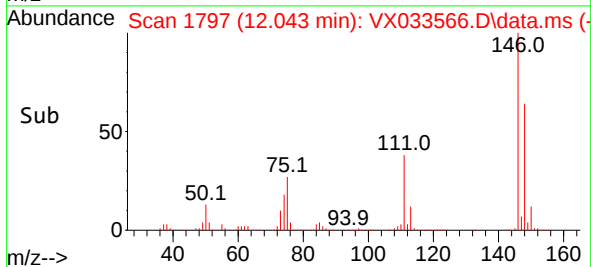
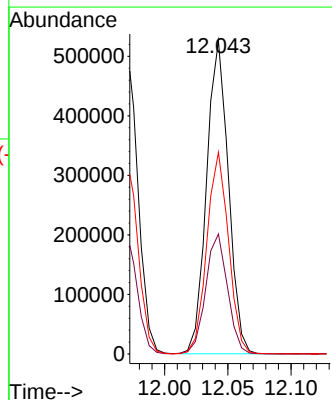
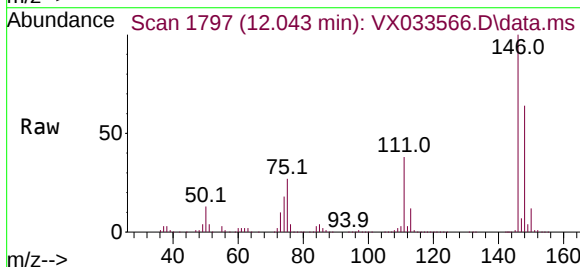
Instrument :
MSVOA_X
ClientSampleId :
VSTD200611

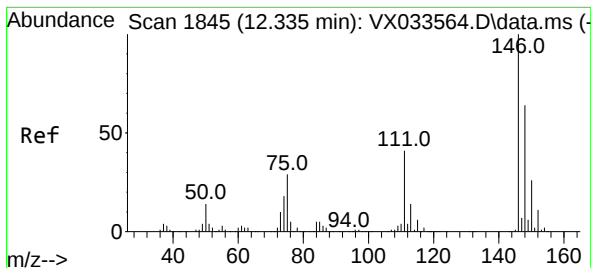
Tgt Ion:146 Resp: 633359
Ion Ratio Lower Upper
146 100
111 39.6 26.8 49.8
148 62.7 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 204.004 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033566.D
Acq: 27 Dec 2022 15:11

Tgt Ion:146 Resp: 630964
Ion Ratio Lower Upper
146 100
111 38.3 25.9 48.1
148 64.4 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 200.650 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD200611

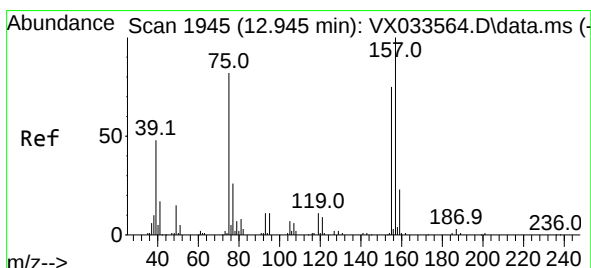
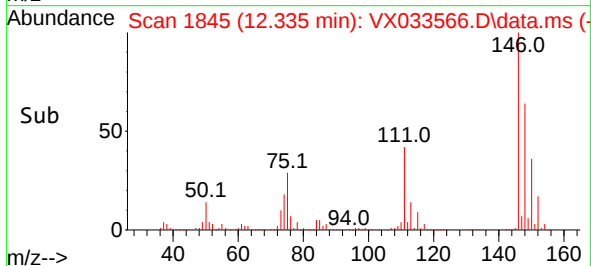
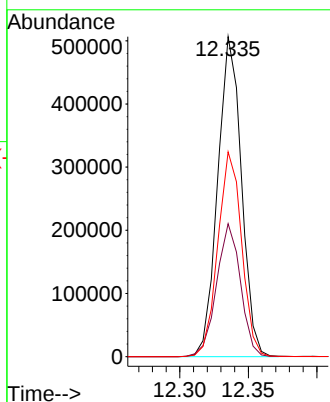
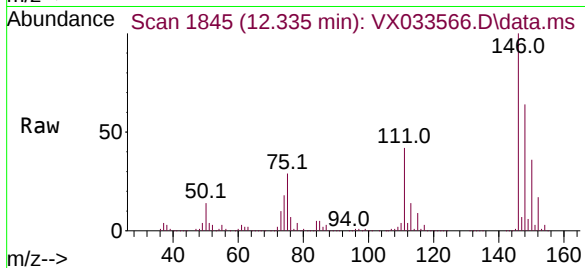
Tgt Ion:146 Resp: 609375

Ion Ratio Lower Upper

146 100

111 41.6 33.0 49.4

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 199.506 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

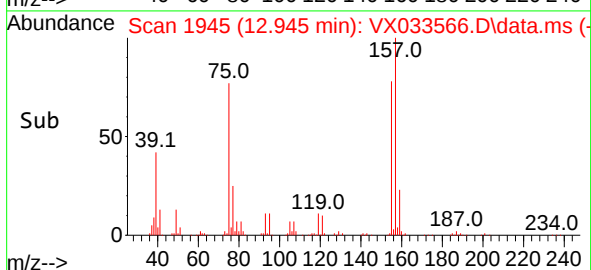
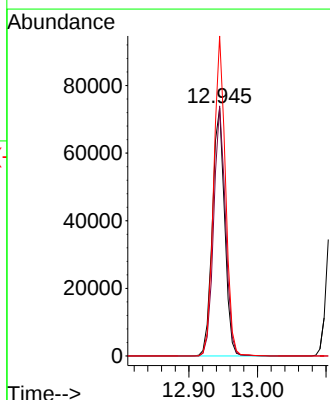
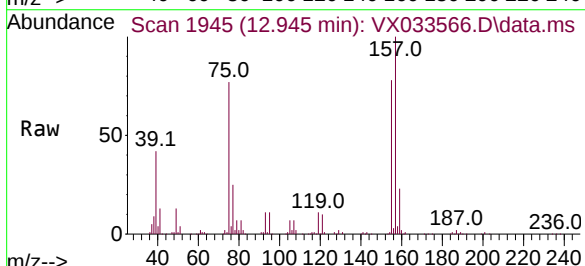
Tgt Ion: 75 Resp: 91163

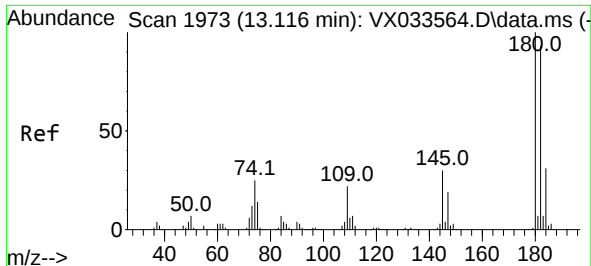
Ion Ratio Lower Upper

75 100

155 100.9 72.9 109.3

157 129.0 97.7 146.5





#69

1,3,5-Trichlorobenzene

Concen: 213.630 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD200611

Tgt Ion:180 Resp: 455239

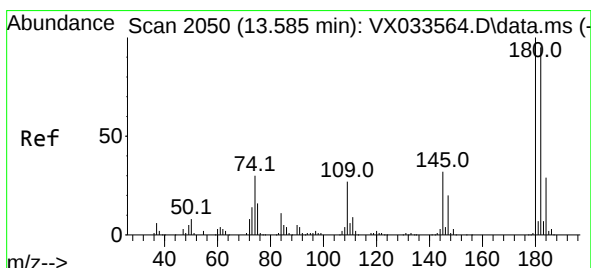
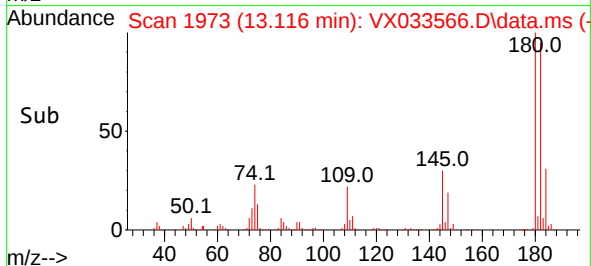
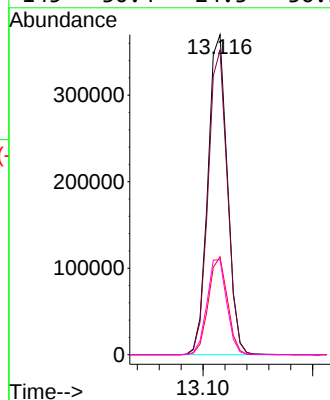
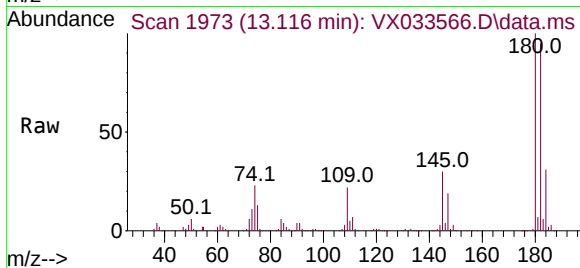
Ion Ratio Lower Upper

180 100

182 94.4 74.5 111.7

184 30.0 24.3 36.5

145 30.4 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 221.895 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

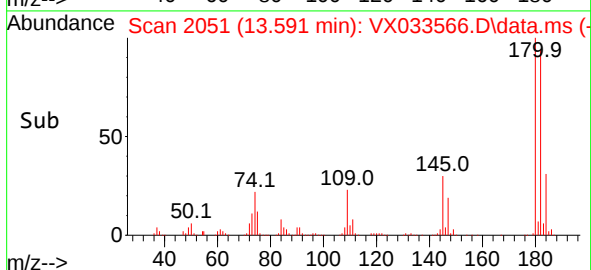
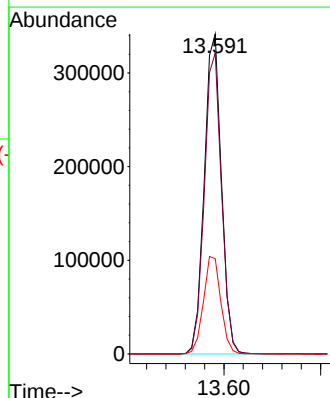
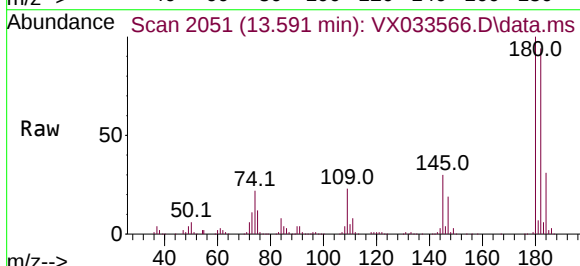
Tgt Ion:180 Resp: 421438

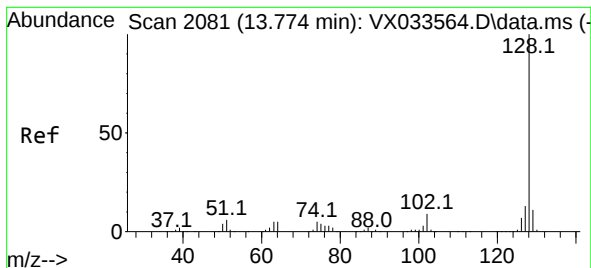
Ion Ratio Lower Upper

180 100

182 94.2 76.7 115.1

145 31.0 25.4 38.0





#71

Naphthalene

Concen: 219.878 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

VSTD200611

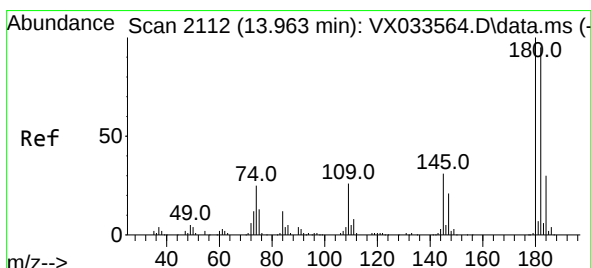
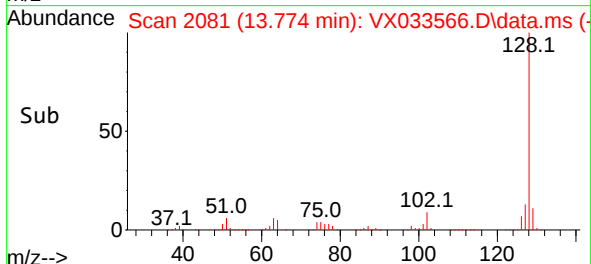
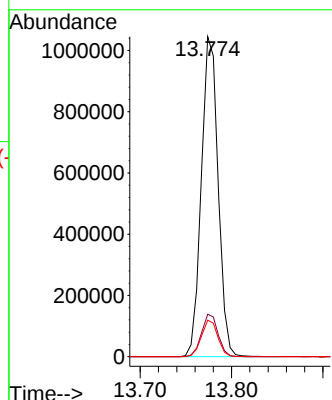
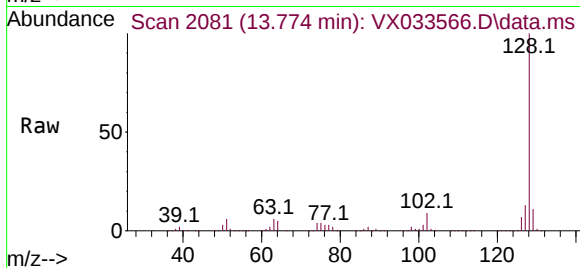
Tgt Ion:128 Resp: 1330476

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 216.476 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033566.D

Acq: 27 Dec 2022 15:11

Tgt Ion:180 Resp: 412017

Ion Ratio Lower Upper

180 100

182 95.4 76.1 114.1

145 33.1 25.9 38.9

