

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033564.D
 Acq On : 27 Dec 2022 14:25
 Operator : JC/MD
 Sample : VSTD05009
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050609

Quant Time: Dec 28 01:48:10 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	200821	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	180390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48051	48.872	ug/L	0.00
7) Chloroethane-d5	1.672	69	44495	48.049	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	120776	58.344	ug/L	0.00
21) 2-Butanone-d5	4.465	46	73862	100.689	ug/L	0.00
24) Chloroform-d	5.056	84	130307	49.834	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	81752	49.717	ug/L	0.00
32) Benzene-d6	5.977	84	247488	50.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	72704	50.020	ug/L	0.00
41) Toluene-d8	8.647	98	241562	49.671	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	36797	51.661	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	58467	105.541	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102022	50.728	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	94122	50.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70018	50.004	ug/L	100
3) Chloromethane	1.294	50	52303	49.773	ug/L	100
5) Vinyl chloride	1.374	62	57636	49.837	ug/L	100
6) Bromomethane	1.618	94	35823	49.288	ug/L	100
8) Chloroethane	1.691	64	39367	49.209	ug/L	100
9) Trichlorofluoromethane	1.892	101	88038	50.342	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	67151	58.914	ug/L	100
12) 1,1-Dichloroethene	2.319	96	60299	58.078	ug/L	100
13) Acetone	2.392	43	61925	116.808	ug/L	100
14) Carbon disulfide	2.514	76	163487	50.717	ug/L	100
15) Methyl Acetate	2.709	43	51348	52.830	ug/L	100
16) Methylene chloride	2.788	84	59140	52.133	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	61511	52.435	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	186481	53.676	ug/L	100
19) 1,1-Dichloroethane	3.611	63	106126	50.497	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	69391	50.870	ug/L	100
22) 2-Butanone	4.562	43	82951	103.233	ug/L	100
23) Bromochloromethane	4.904	128	37112	51.515	ug/L	100
25) Chloroform	5.093	83	121551	50.507	ug/L	100
27) 1,2-Dichloroethane	6.086	62	95005	50.749	ug/L	100
29) Cyclohexane	5.477	56	100081	51.891	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	114871	51.757	ug/L	100
31) Carbon tetrachloride	5.684	117	106029	51.784	ug/L	100
33) Benzene	6.044	78	254733	51.318	ug/L	100
34) Trichloroethene	7.123	95	70464	51.516	ug/L	100
35) Methylcyclohexane	7.385	83	112148	51.457	ug/L	100
37) 1,2-Dichloropropane	7.434	63	61231	50.553	ug/L	100
38) Bromodichloromethane	7.824	83	95351	51.026	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	101898	52.438	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	156299	106.154	ug/L	100
42) Toluene	8.720	91	288342	51.671	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	99696	53.102	ug/L	100

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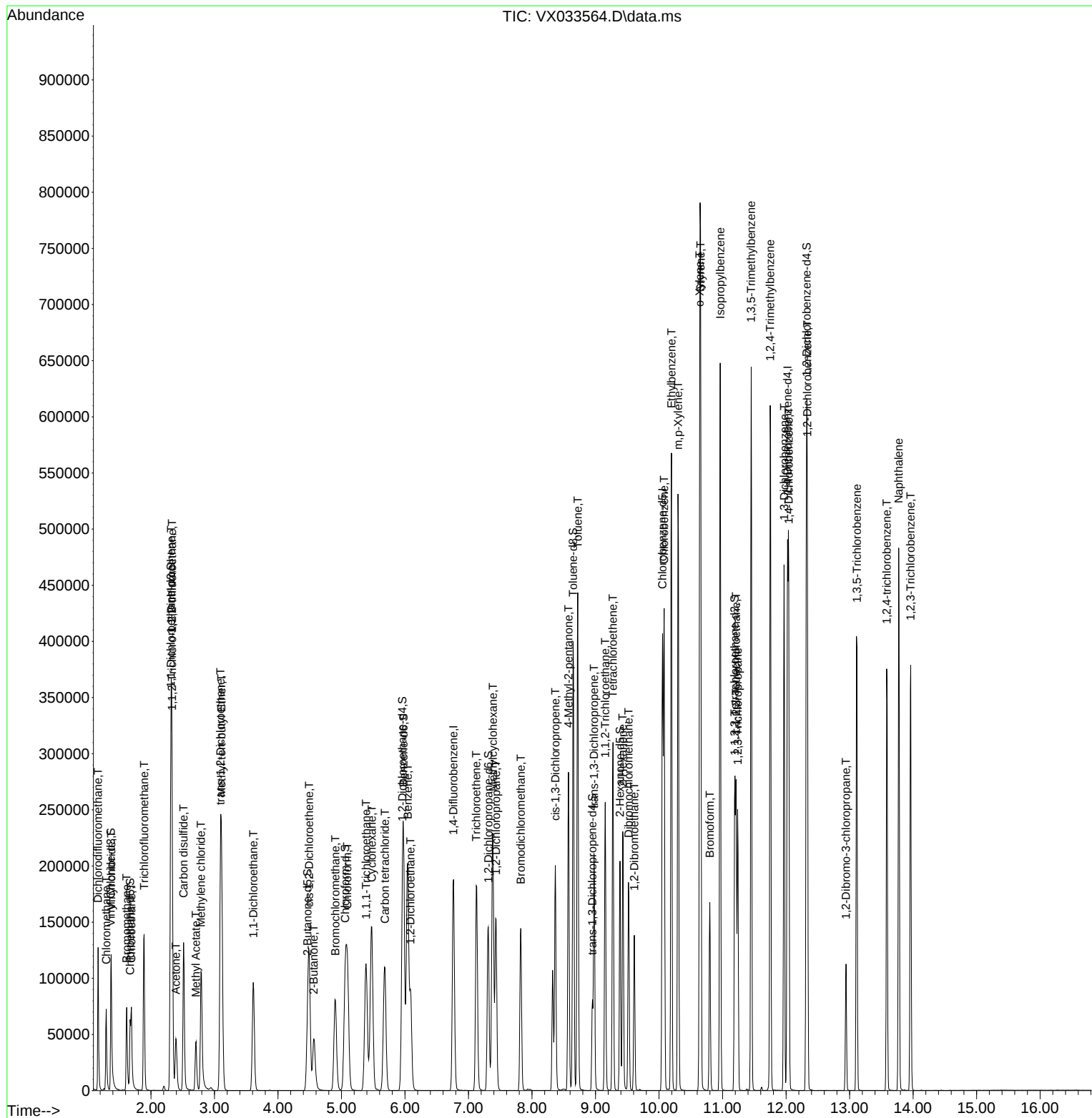
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	66704	51.494	ug/L	100
46) Tetrachloroethene	9.275	164	58756	51.439	ug/L	100
48) 2-Hexanone	9.427	43	122150	107.511	ug/L	100
49) Dibromochloromethane	9.519	129	83564	52.056	ug/L	100
50) 1,2-Dibromoethane	9.610	107	72555	51.277	ug/L	100
51) Chlorobenzene	10.079	112	188536	51.288	ug/L	100
52) Ethylbenzene	10.195	91	320388	52.530	ug/L	100
53) m,p-Xylene	10.299	106	126278	52.263	ug/L	100
54) o-Xylene	10.640	106	125490	52.651	ug/L	100
55) Styrene	10.653	104	213996	53.686	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	100406	51.728	ug/L	100
59) Bromoform	10.799	173	61674	50.767	ug/L	100
60) Isopropylbenzene	10.963	105	333041	51.842	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	77745	51.146	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	280987	52.200	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	279030	52.679	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	147675	51.191	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	148349	50.516	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	145515	50.463	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	21841	50.341	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	103868	51.335	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	90825	50.365	ug/L	100
71) Naphthalene	13.774	128	303177	52.769	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	92413	51.137	ug/L	100

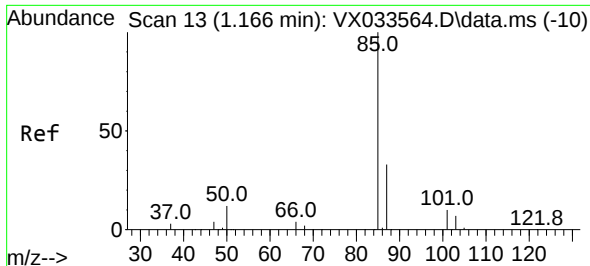
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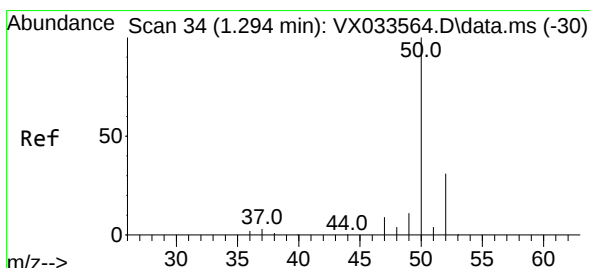
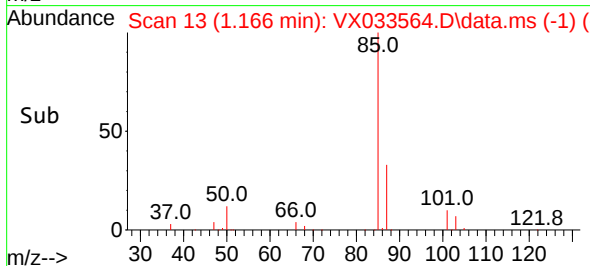
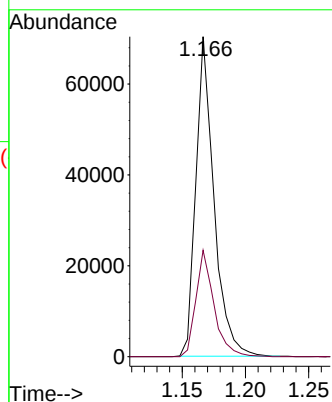
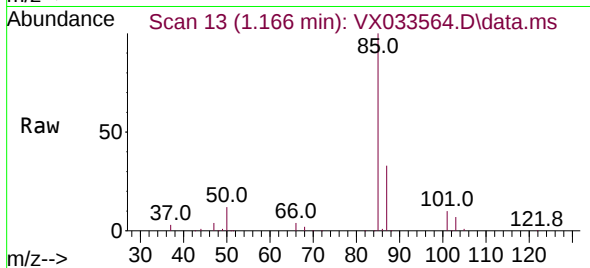




#2
 Dichlorodifluoromethane
 Concen: 50.004 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033564.D
 Acq: 27 Dec 2022 14:25

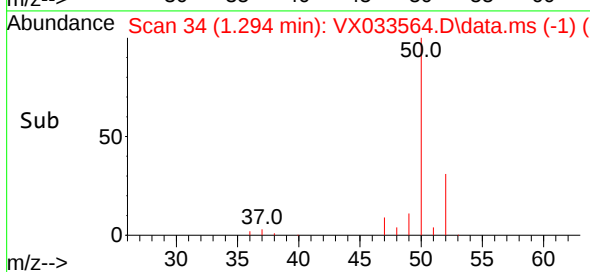
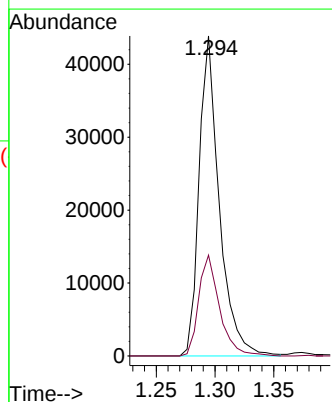
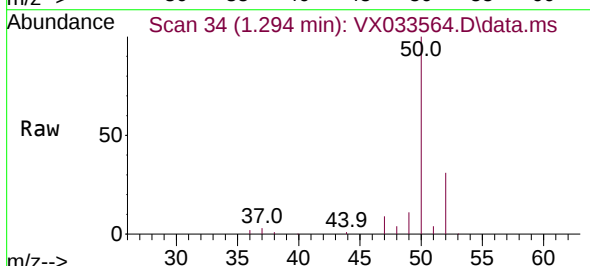
Instrument :
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 ClientSampleId :
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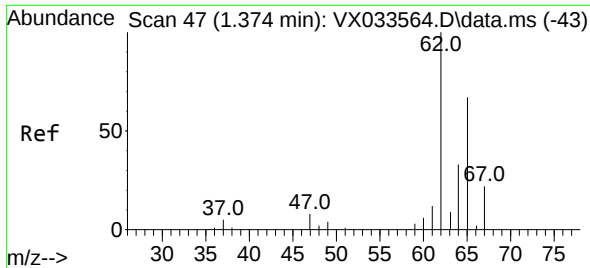
Tgt Ion: 85 Resp: 70018
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.7 40.1



#3
 Chloromethane
 Concen: 49.773 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033564.D
 Acq: 27 Dec 2022 14:25

Tgt Ion: 50 Resp: 52303
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.0 41.0

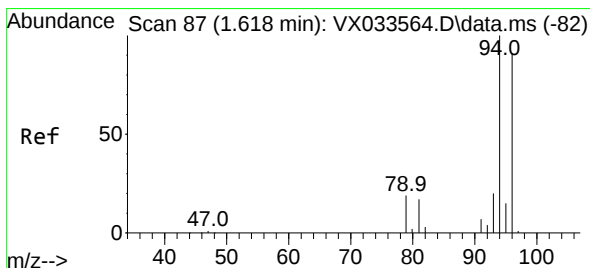
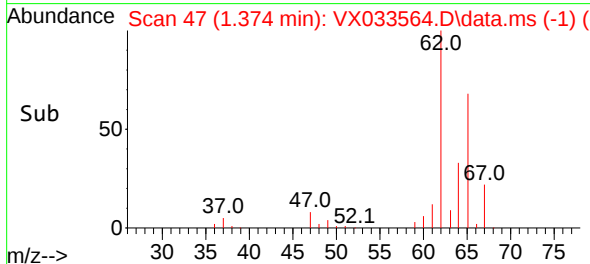
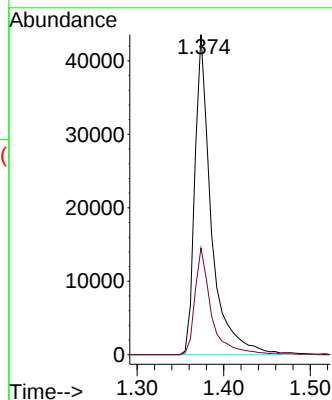
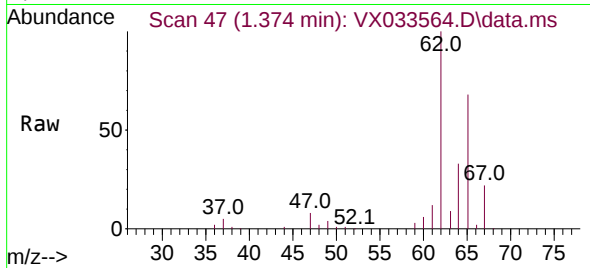




#5
 Vinyl chloride
 Concen: 49.837 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033564.D
 Acq: 27 Dec 2022 14:25

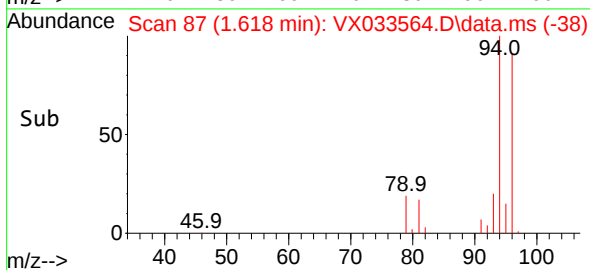
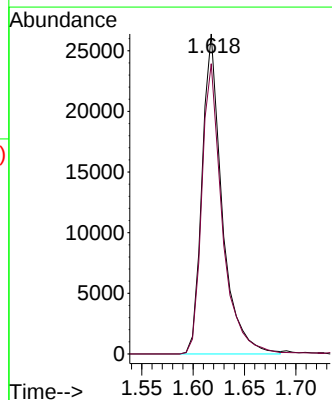
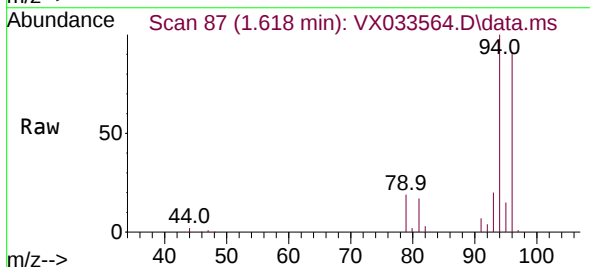
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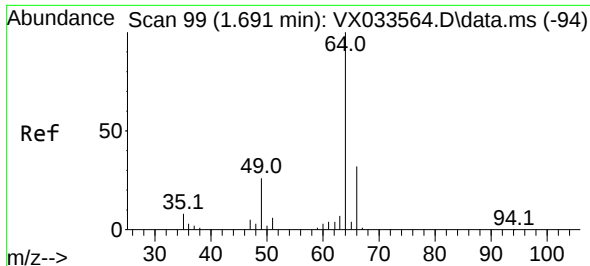
Tgt Ion: 62 Resp: 57636
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 49.288 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033564.D
 Acq: 27 Dec 2022 14:25

Tgt Ion: 94 Resp: 35823
 Ion Ratio Lower Upper
 94 100
 96 90.7 63.5 117.9

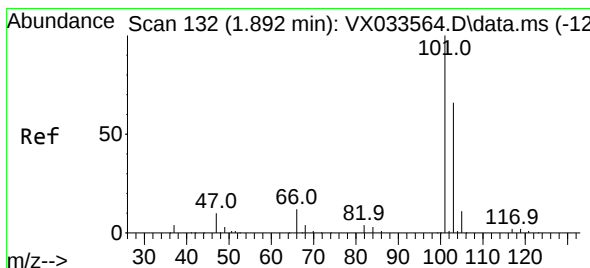
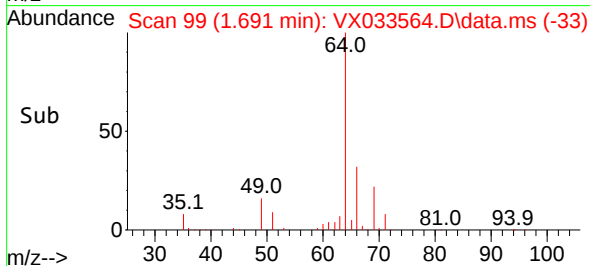
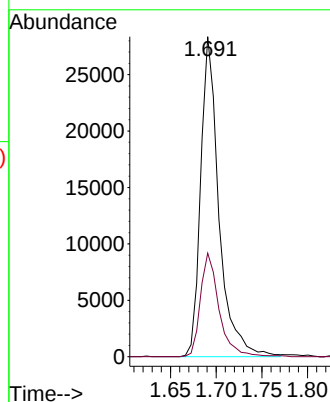
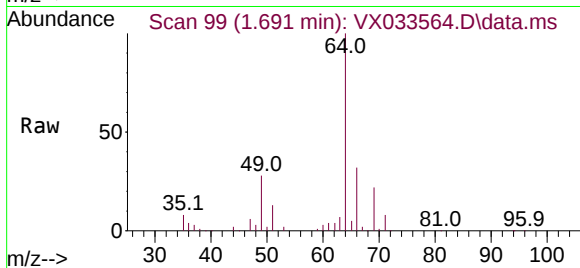




#8
Chloroethane
Concen: 49.209 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

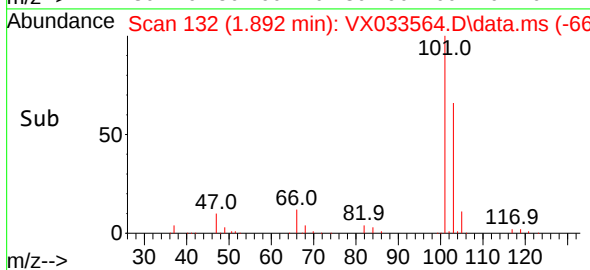
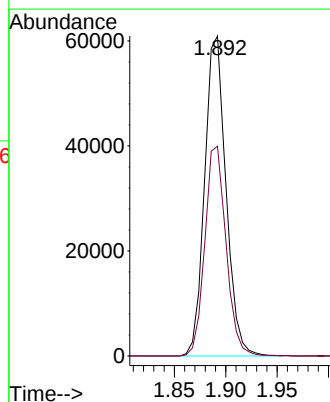
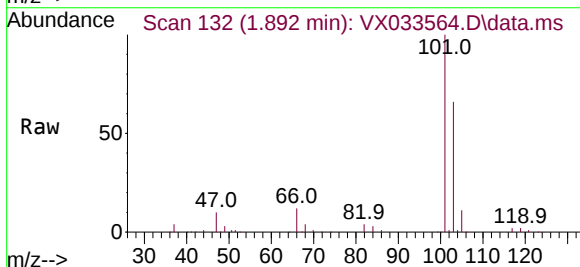
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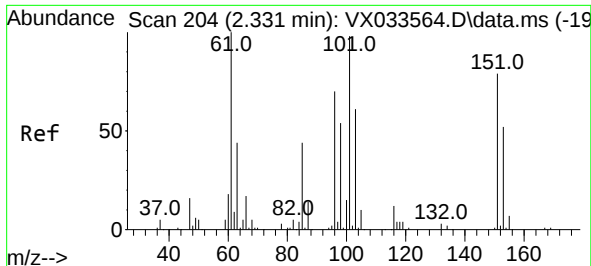
Tgt Ion: 64 Resp: 39367
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 50.342 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion:101 Resp: 88038
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

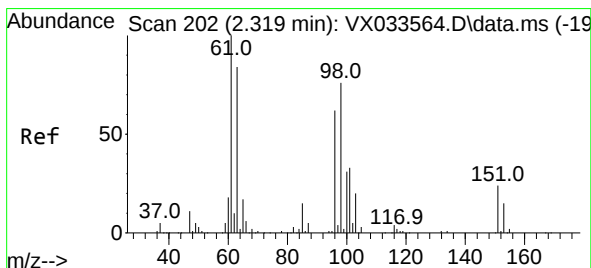
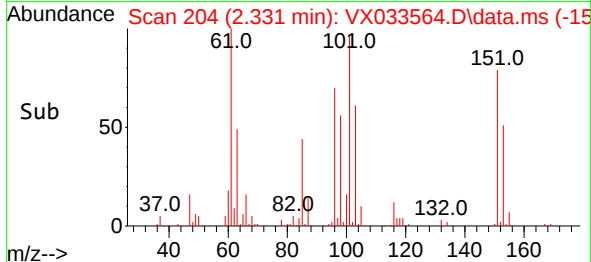
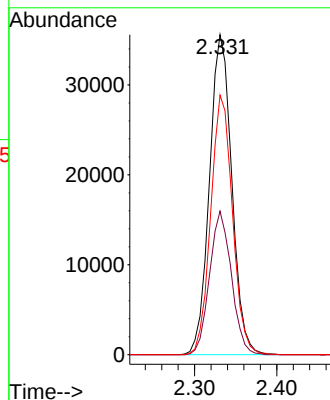
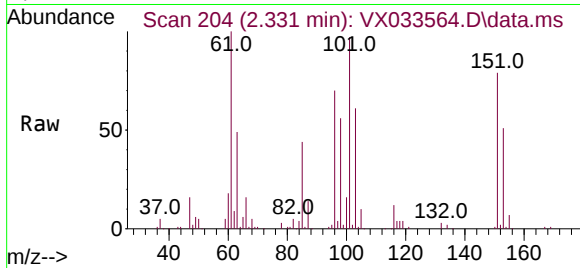




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 58.914 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033564.D
 Acq: 27 Dec 2022 14:25

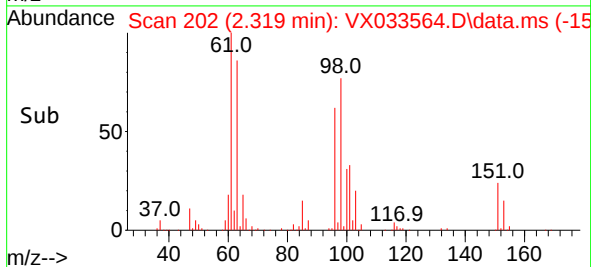
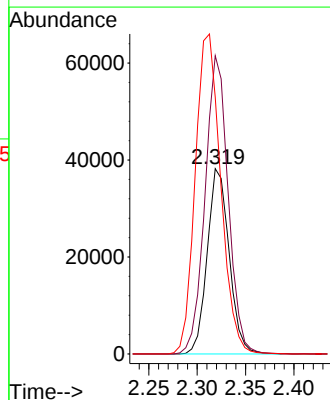
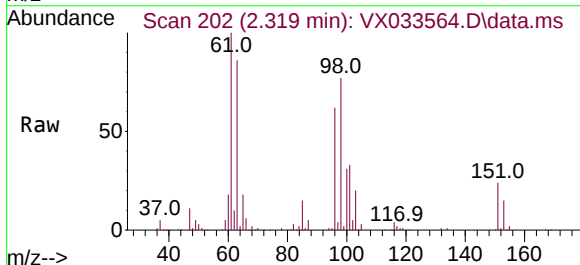
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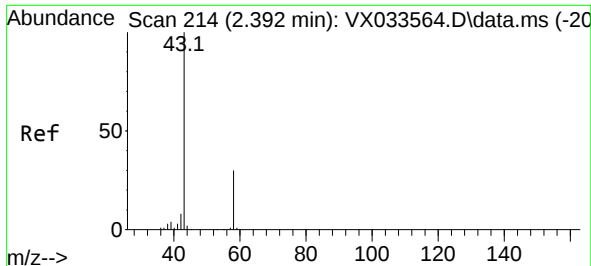
Tgt Ion:101 Resp: 67151
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.0 52.4
 151 79.1 63.3 94.9



#12
 1,1-Dichloroethene
 Concen: 58.078 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033564.D
 Acq: 27 Dec 2022 14:25

Tgt Ion: 96 Resp: 60299
 Ion Ratio Lower Upper
 96 100
 61 161.0 112.7 209.3
 63 138.6 97.0 180.2





#13

Acetone

Concen: 116.808 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX033564.D

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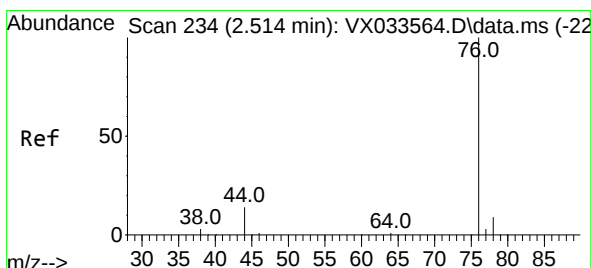
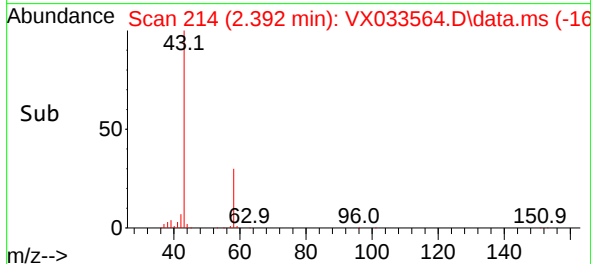
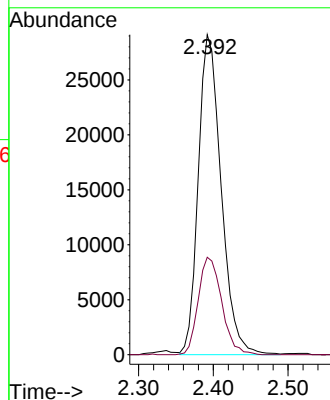
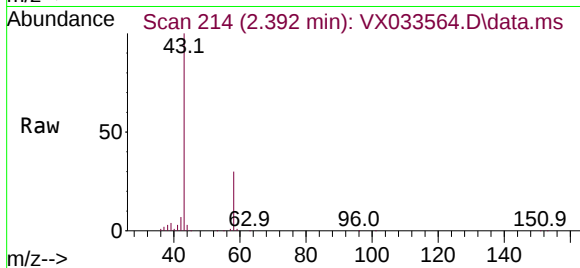
VSTD050609

Tgt Ion: 43 Resp: 61925

Ion Ratio Lower Upper

43 100

58 31.2 0.0 62.4



#14

Carbon disulfide

Concen: 50.717 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033564.D

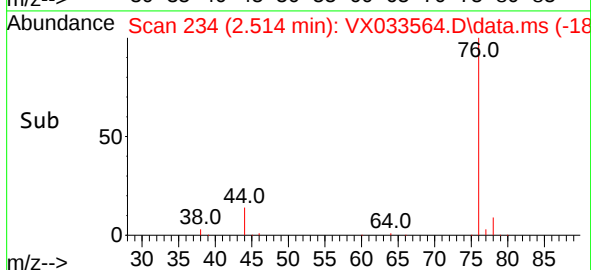
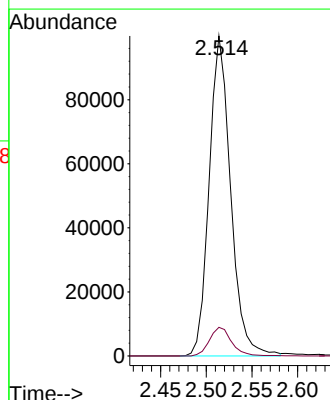
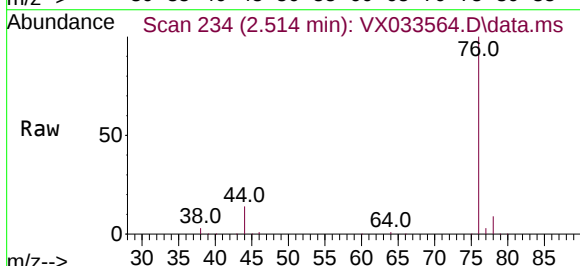
Acq: 27 Dec 2022 14:25

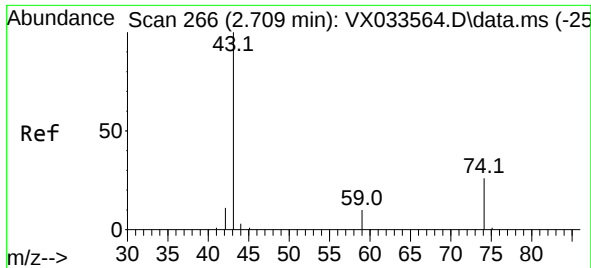
Tgt Ion: 76 Resp: 163487

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

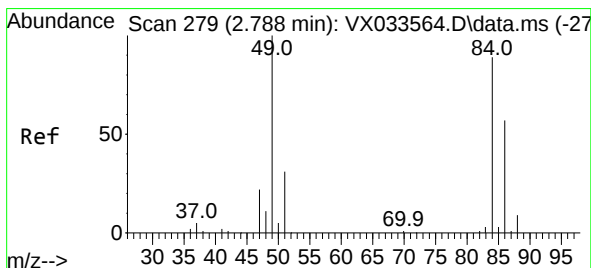
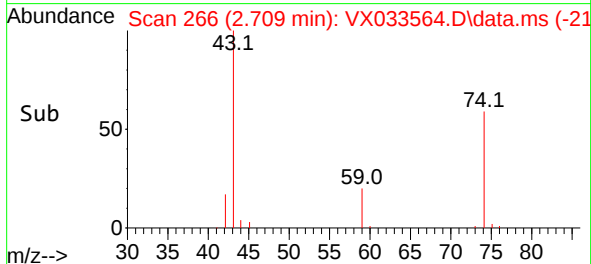
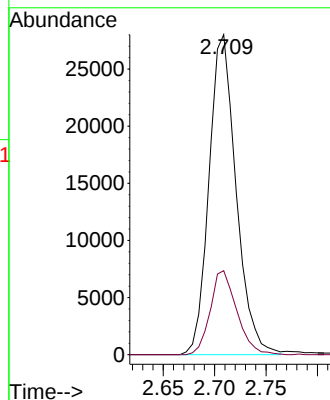
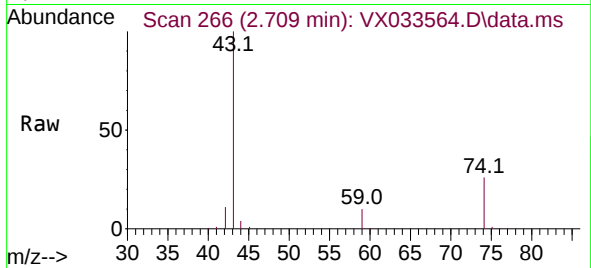




#15
Methyl Acetate
Concen: 52.830 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

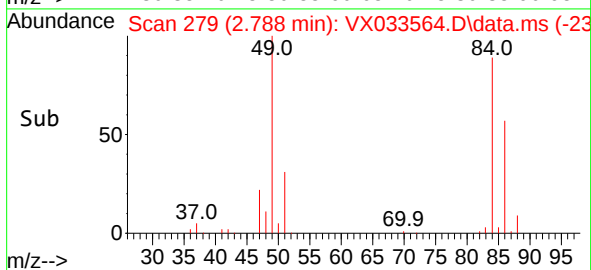
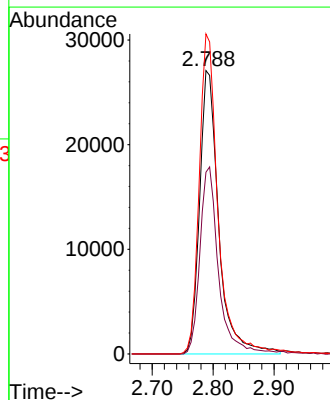
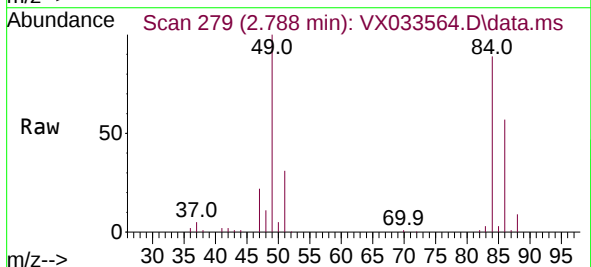
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

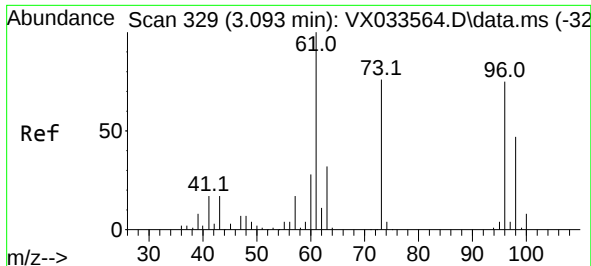
Tgt Ion: 43 Resp: 51348
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8



#16
Methylene chloride
Concen: 52.133 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 84 Resp: 59140
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.5
49 112.9 79.0 146.8

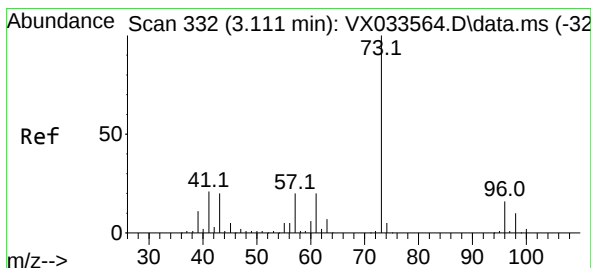
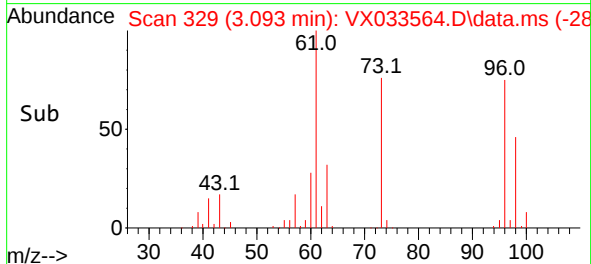
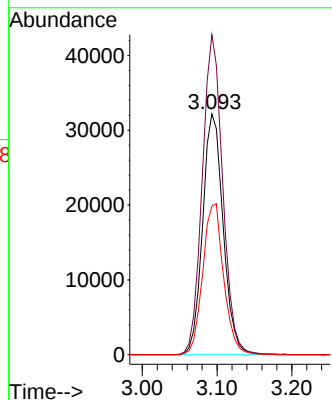
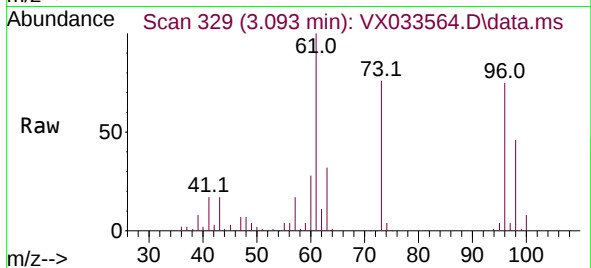




#17
trans-1,2-Dichloroethene
Concen: 52.435 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

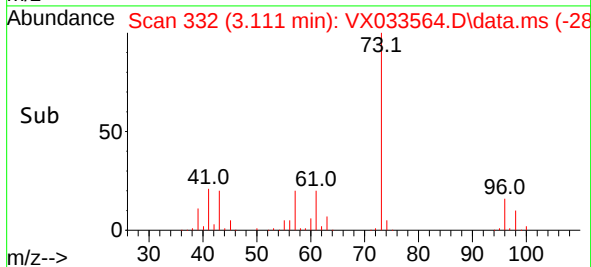
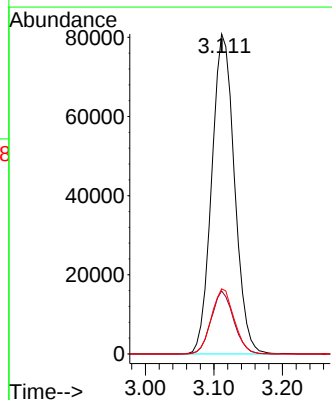
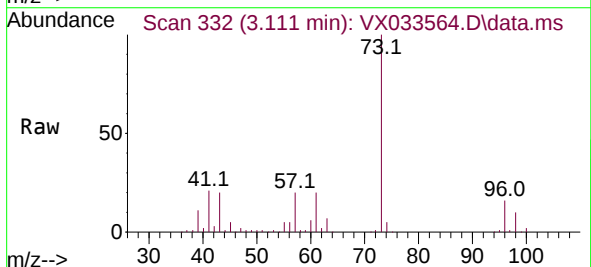
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

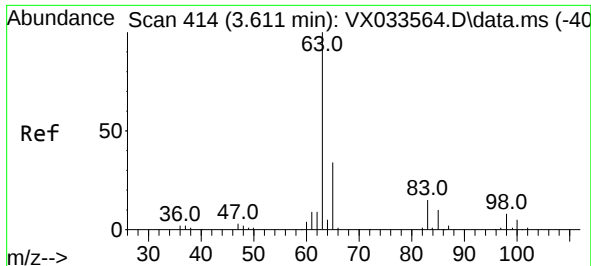
Tgt Ion: 96 Resp: 61511
Ion Ratio Lower Upper
96 100
61 132.9 93.0 172.8
98 61.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 53.676 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 73 Resp: 186481
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 20.3 16.2 24.4





#19

1,1-Dichloroethane

Concen: 50.497 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050609

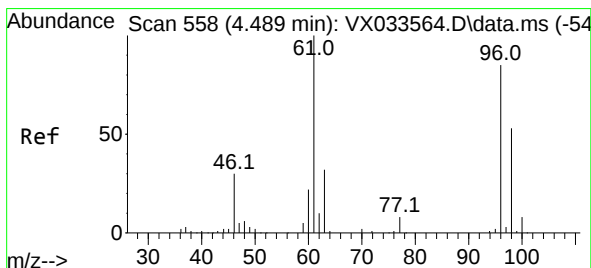
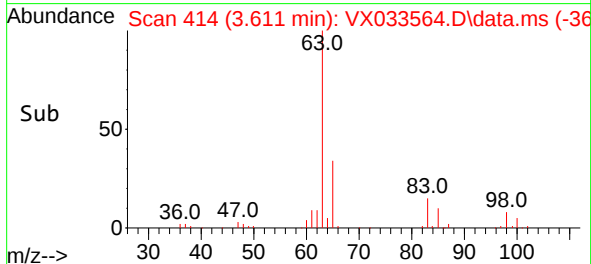
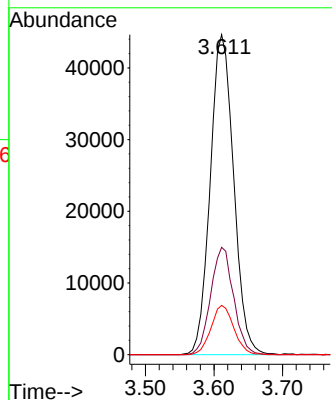
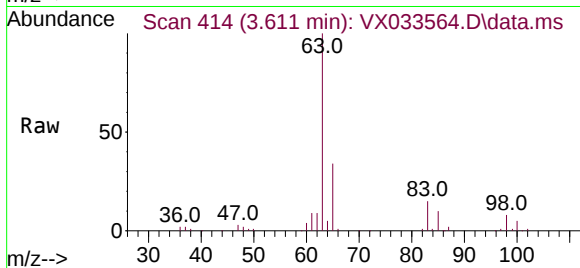
Tgt Ion: 63 Resp: 106126

Ion Ratio Lower Upper

63 100

65 33.5 23.4 43.6

83 15.4 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 50.870 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

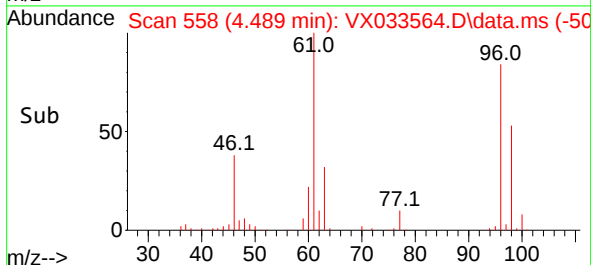
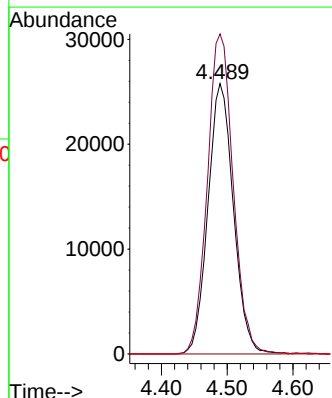
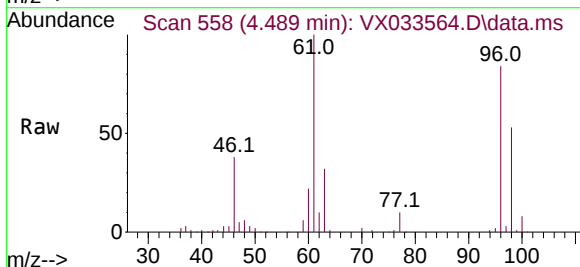
Tgt Ion: 96 Resp: 69391

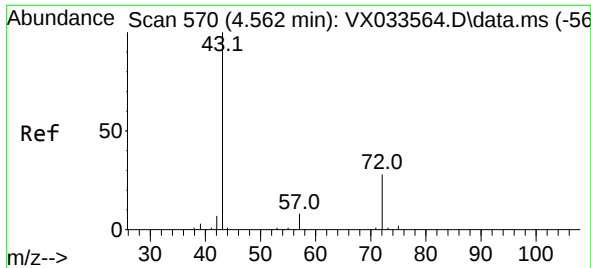
Ion Ratio Lower Upper

96 100

61 118.4 82.9 153.9

68 0.0 0.0 0.0

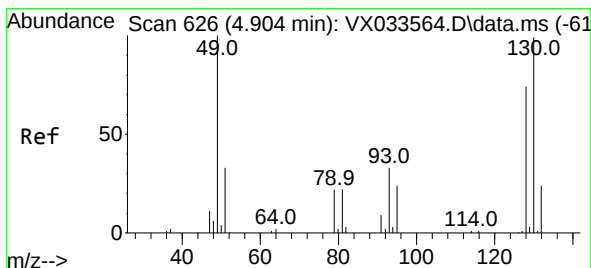
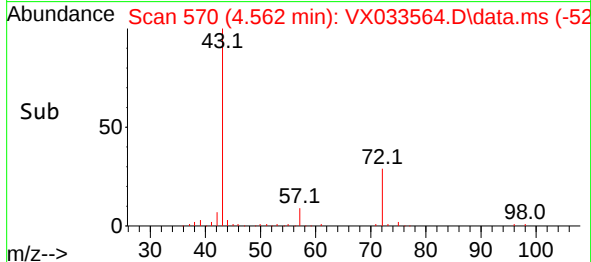
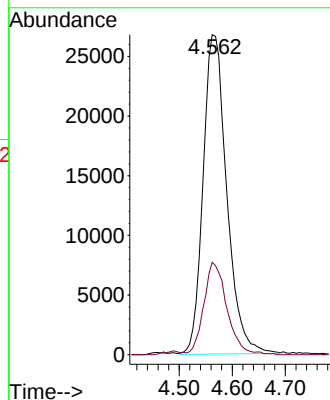
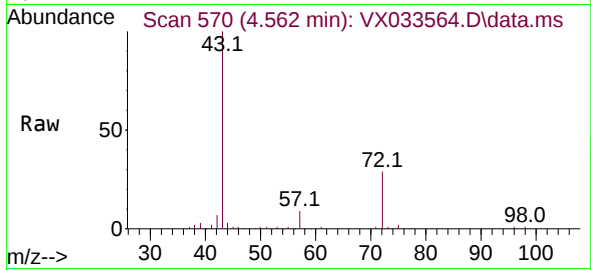




#22
2-Butanone
Concen: 103.233 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

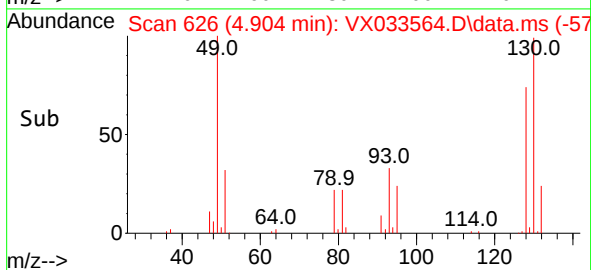
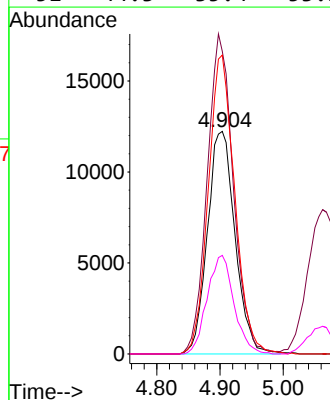
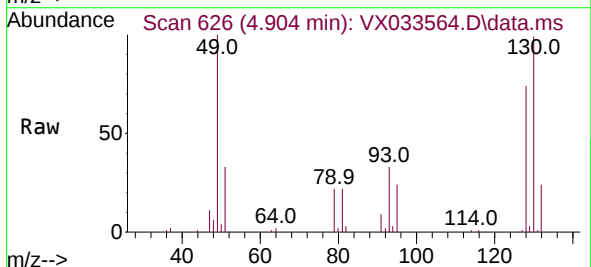
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

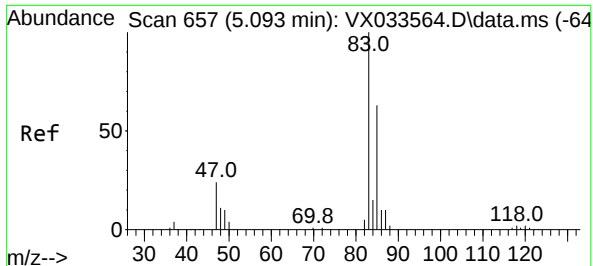
Tgt Ion: 43 Resp: 82951
Ion Ratio Lower Upper
43 100
72 26.9 13.5 40.4



#23
Bromochloromethane
Concen: 51.515 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 128 Resp: 37112
Ion Ratio Lower Upper
128 100
49 136.0 95.2 176.8
130 134.3 94.0 174.6
51 44.3 35.4 53.2





#25

Chloroform

Concen: 50.507 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

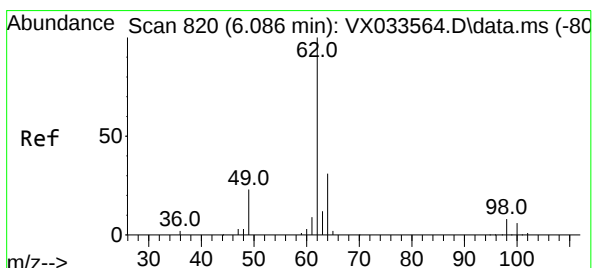
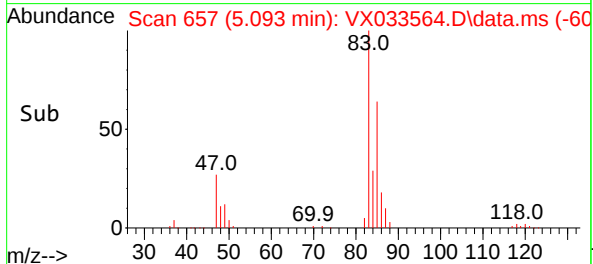
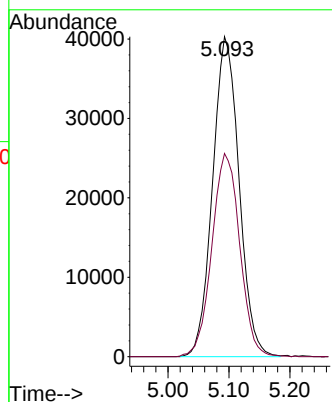
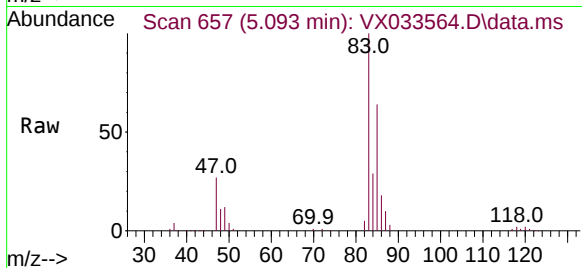
VSTD050609

Tgt Ion: 83 Resp: 121551

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 50.749 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033564.D

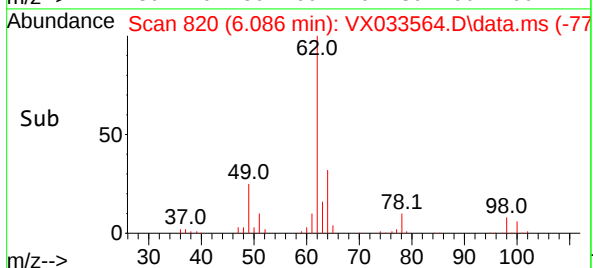
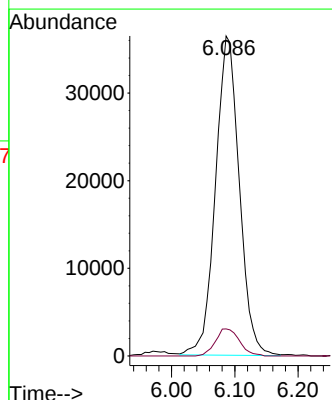
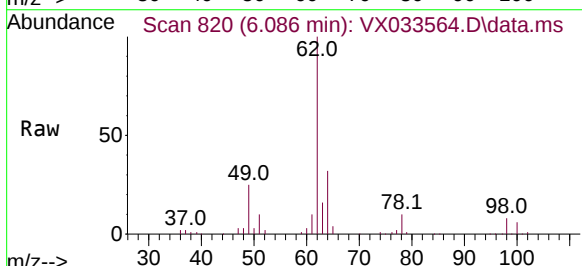
Acq: 27 Dec 2022 14:25

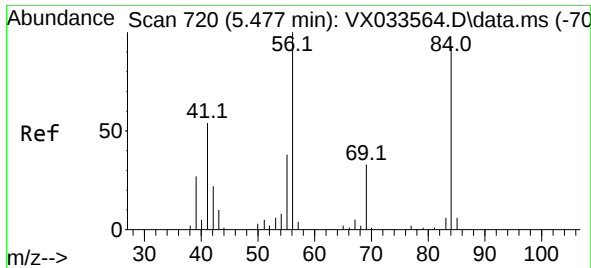
Tgt Ion: 62 Resp: 95005

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1

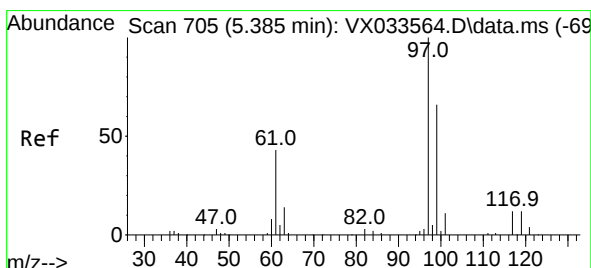
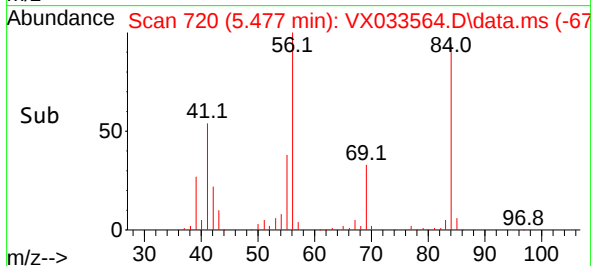
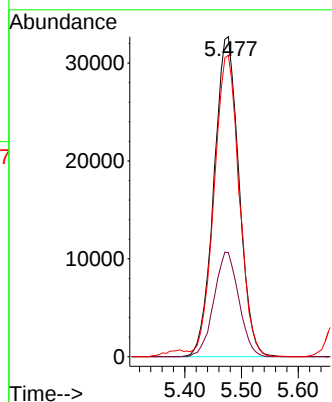
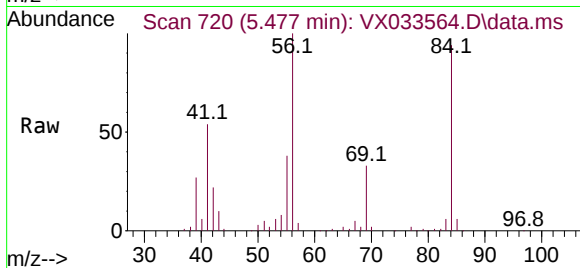




#29
Cyclohexane
Concen: 51.891 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

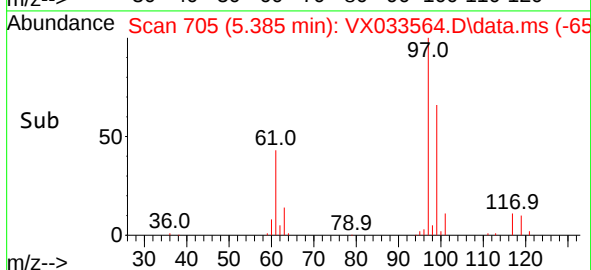
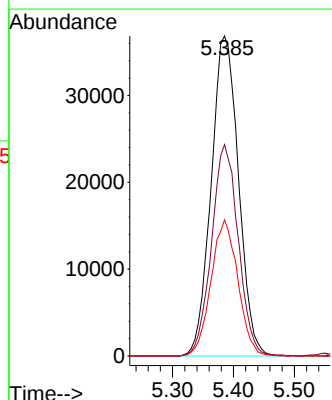
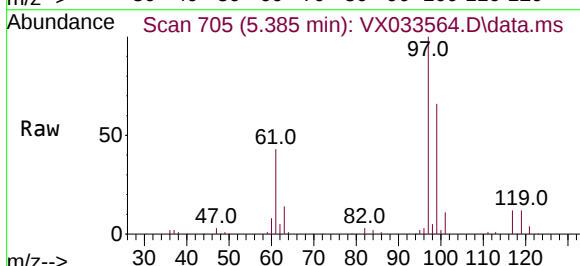
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

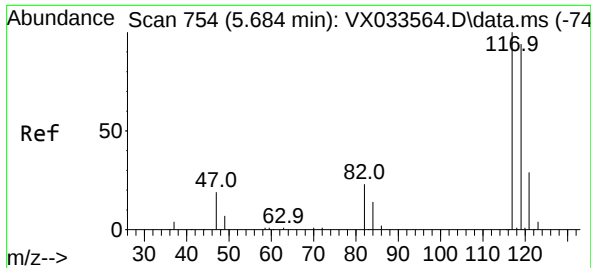
Tgt Ion:	56	Resp:	100081
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.9	38.9
84	94.6	75.7	113.5



#30
1,1,1-Trichloroethane
Concen: 51.757 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion:	97	Resp:	114871
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	41.7	33.4	50.0

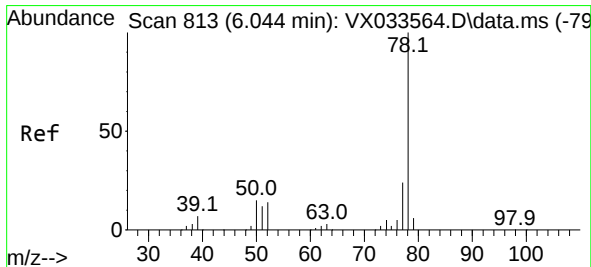
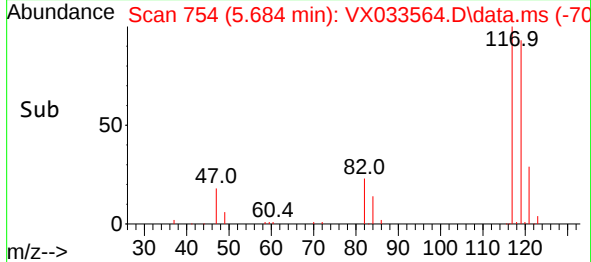
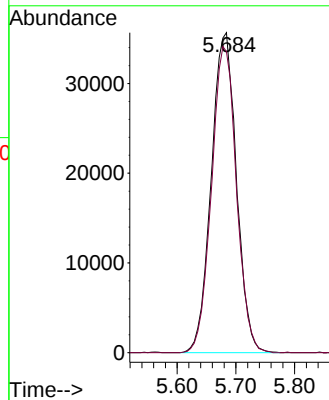
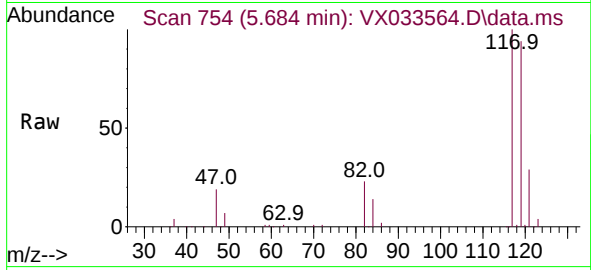




#31
Carbon tetrachloride
Concen: 51.784 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

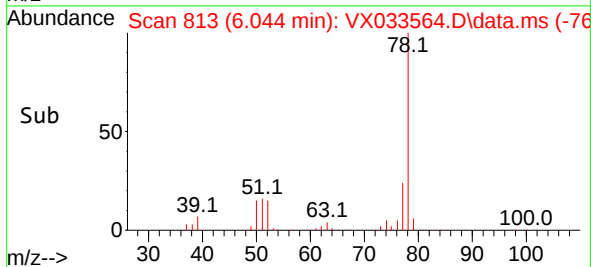
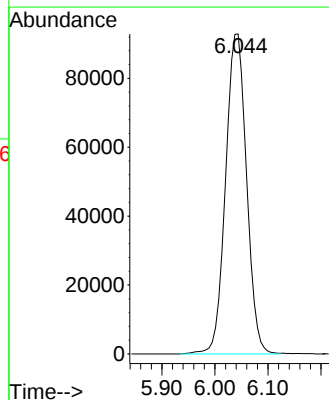
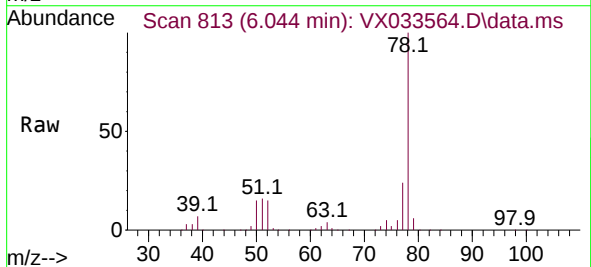
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

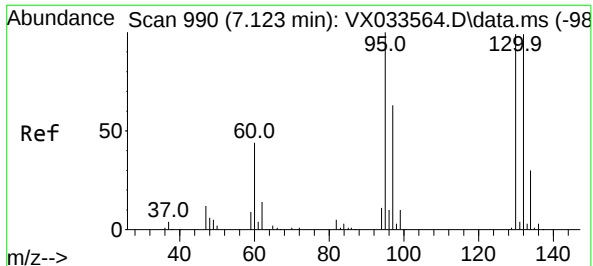
Tgt Ion:117 Resp: 106029
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9



#33
Benzene
Concen: 51.318 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 78 Resp: 254733



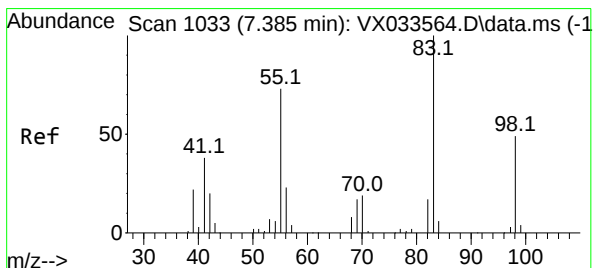
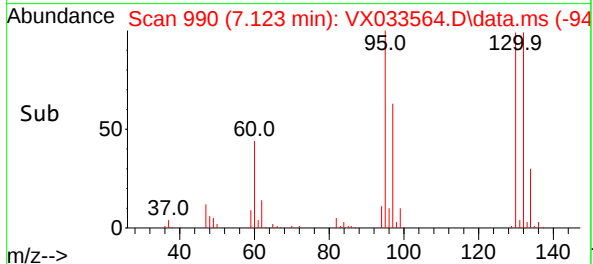
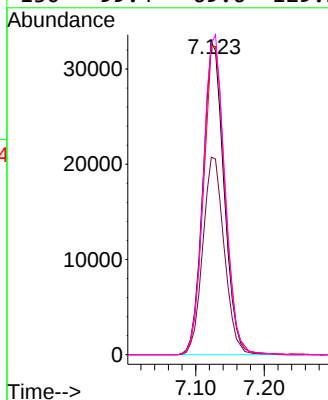
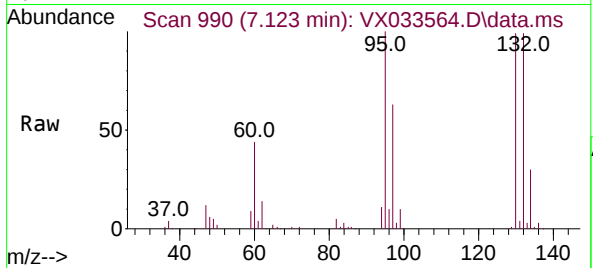


#34
Trichloroethene
Concen: 51.516 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

Tgt Ion: 95 Resp: 70464

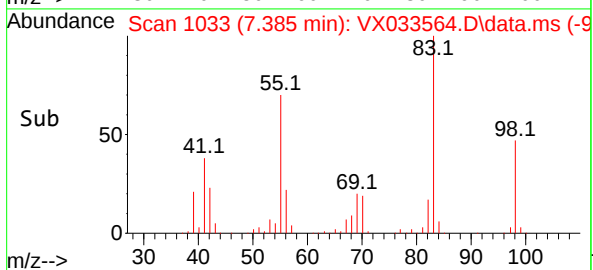
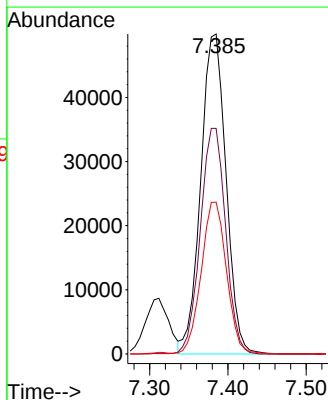
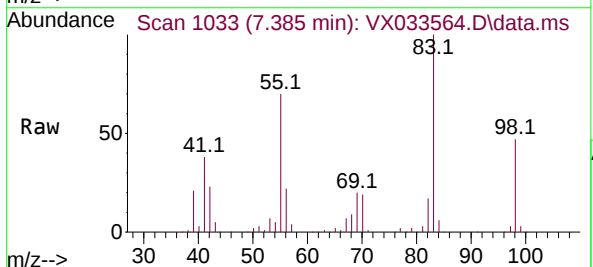
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.2	82.2
132	98.8	69.2	128.4
130	99.4	69.6	129.2

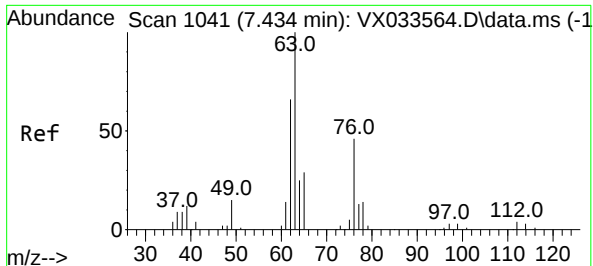


#35
Methylcyclohexane
Concen: 51.457 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 83 Resp: 112148

Ion	Ratio	Lower	Upper
83	100		
55	70.2	56.2	84.2
98	47.4	37.9	56.9





#37

1,2-Dichloropropane

Concen: 50.553 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

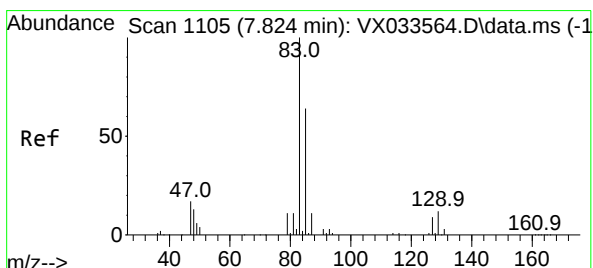
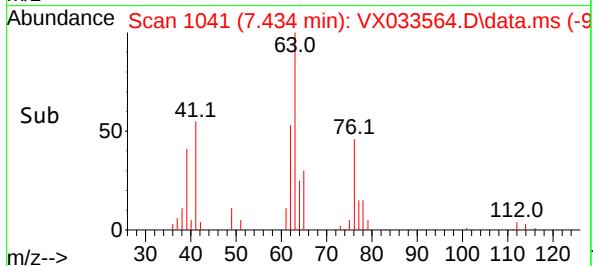
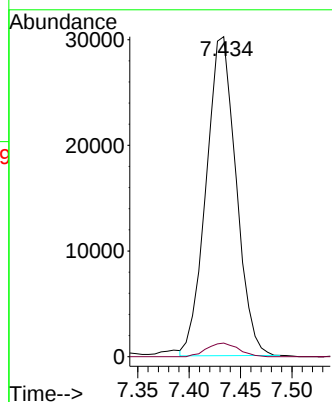
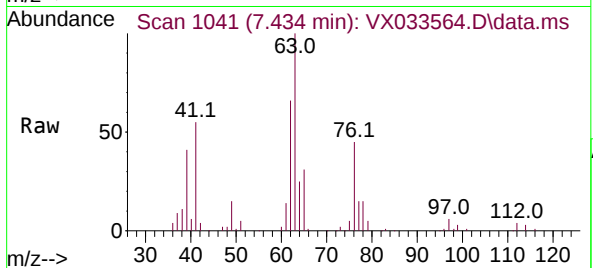
VSTD050609

Tgt Ion: 63 Resp: 61231

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 51.026 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

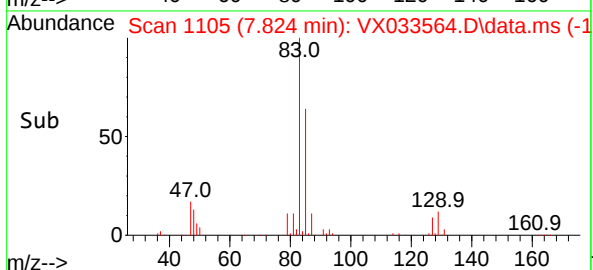
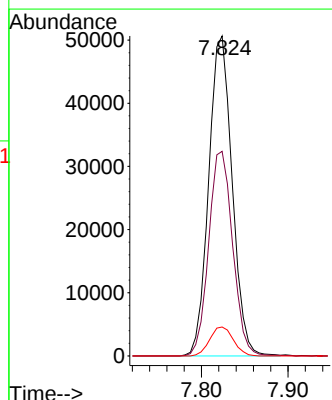
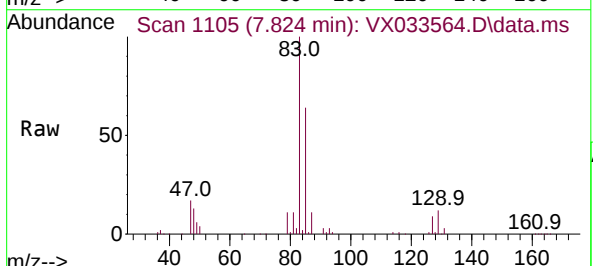
Tgt Ion: 83 Resp: 95351

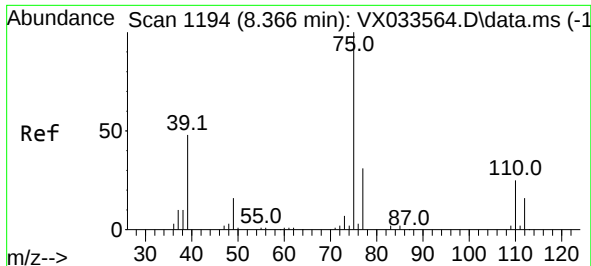
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 52.438 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

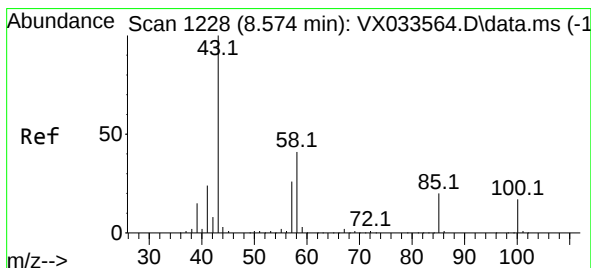
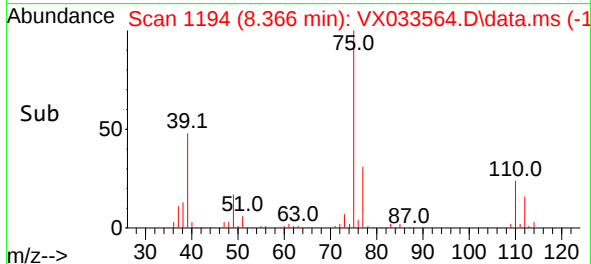
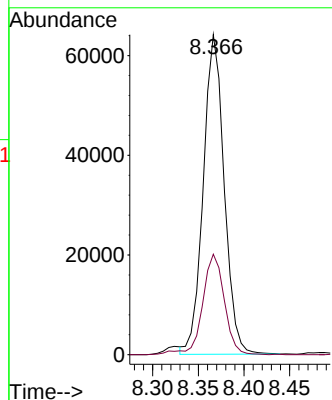
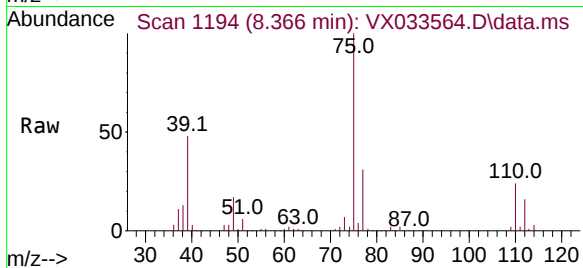
VSTD050609

Tgt Ion: 75 Resp: 101898

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 106.154 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

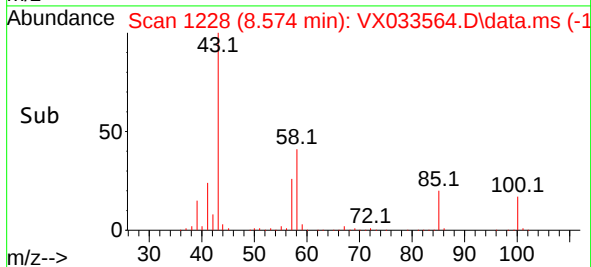
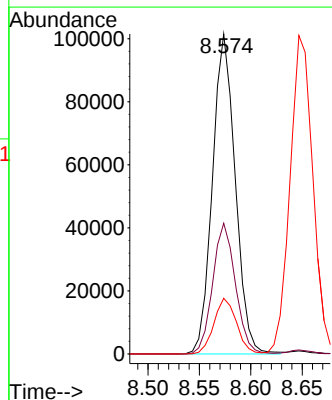
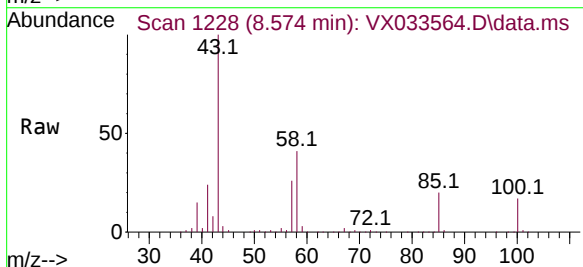
Tgt Ion: 43 Resp: 156299

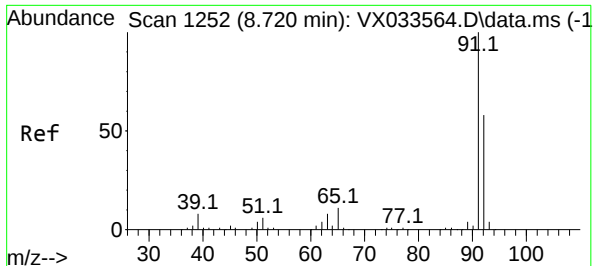
Ion Ratio Lower Upper

43 100

58 40.8 32.6 49.0

100 17.3 13.8 20.8





#42

Toluene

Concen: 51.671 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

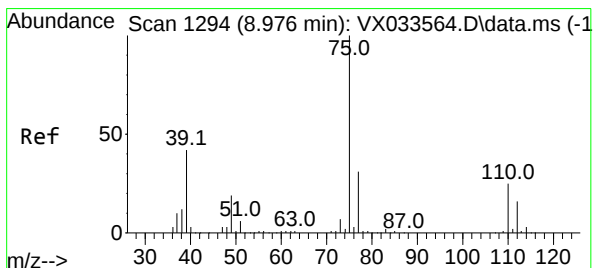
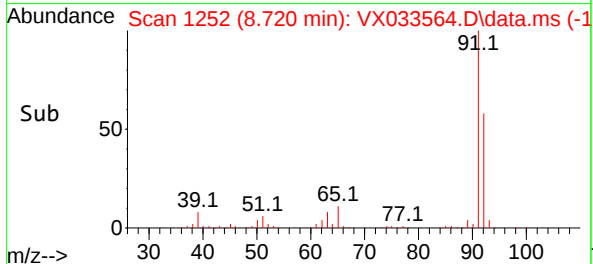
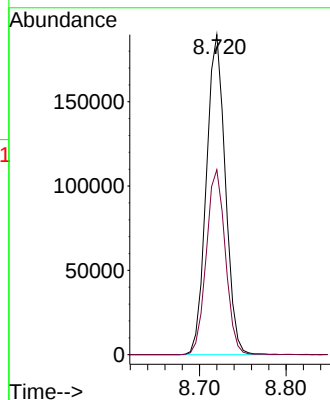
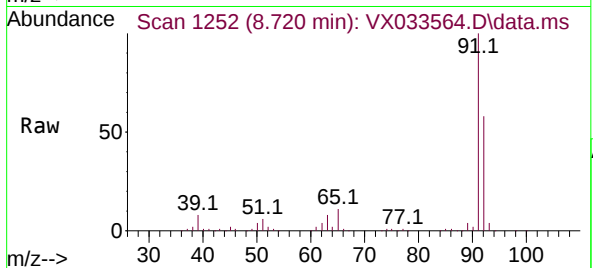
VSTD050609

Tgt Ion: 91 Resp: 288342

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 53.102 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033564.D

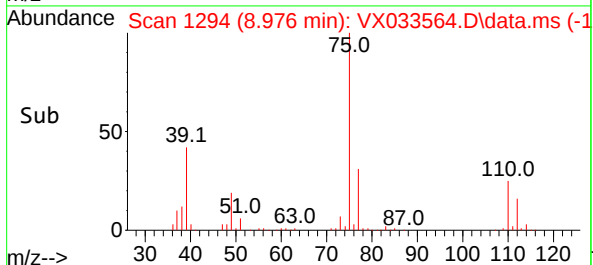
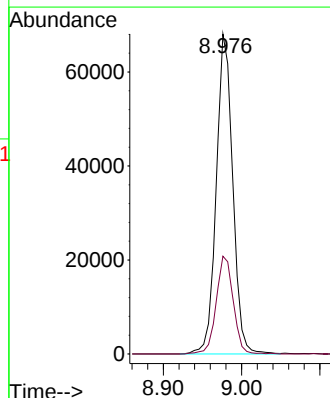
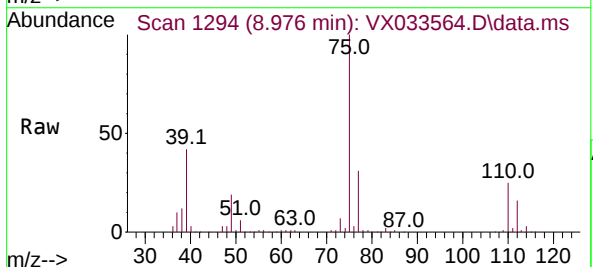
Acq: 27 Dec 2022 14:25

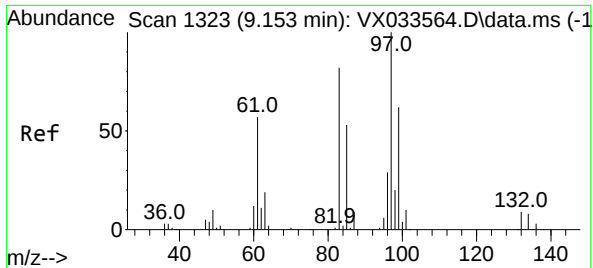
Tgt Ion: 75 Resp: 99696

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 51.494 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050609

Tgt Ion: 97 Resp: 66704

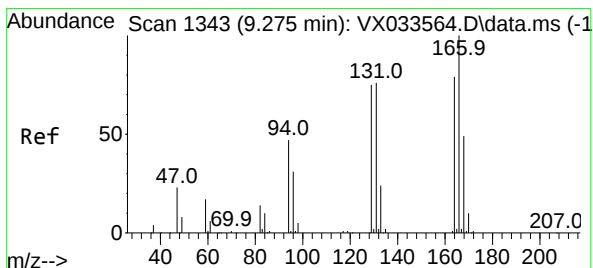
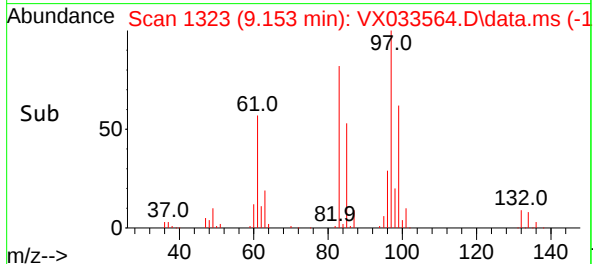
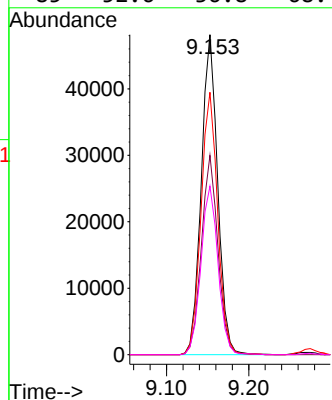
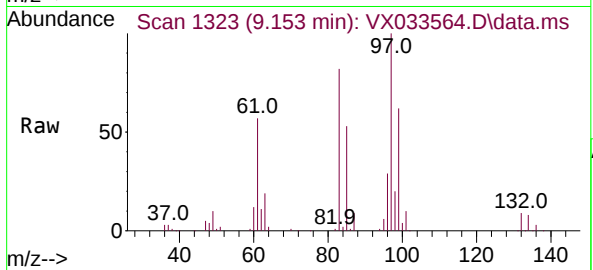
Ion Ratio Lower Upper

97 100

99 62.3 43.6 81.0

83 82.0 57.4 106.6

85 52.6 36.8 68.4



#46

Tetrachloroethene

Concen: 51.439 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Tgt Ion:164 Resp: 58756

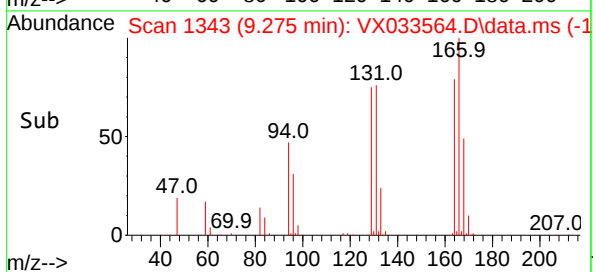
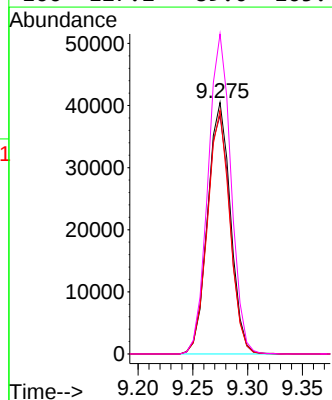
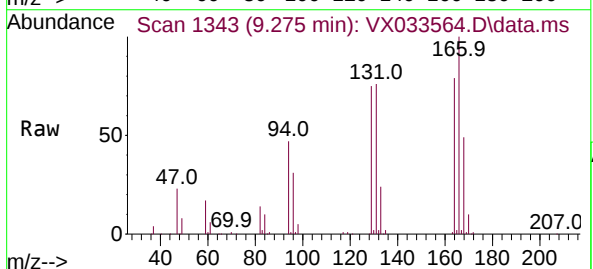
Ion Ratio Lower Upper

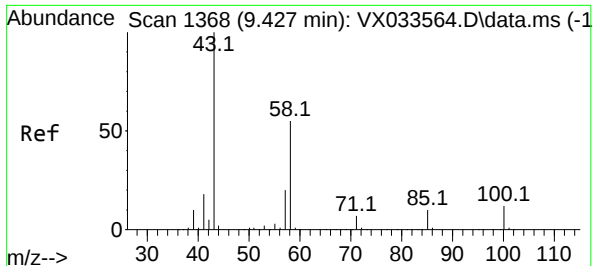
164 100

129 94.8 66.4 123.2

131 96.8 67.8 125.8

166 127.2 89.0 165.4



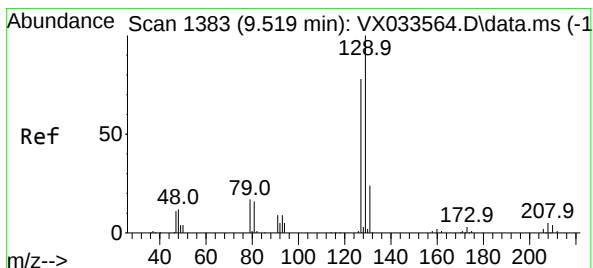
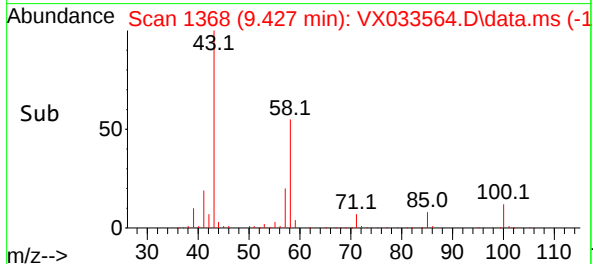
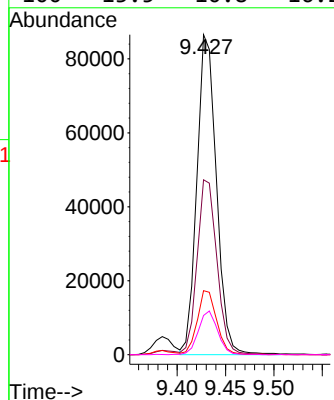
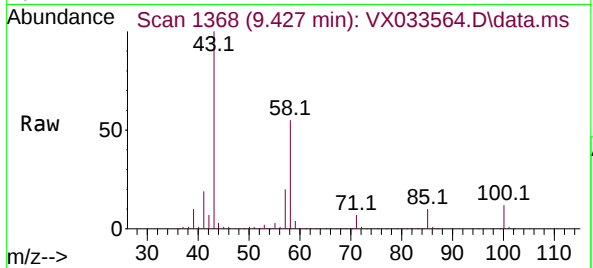


#48
2-Hexanone
Concen: 107.511 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

Tgt Ion: 43 Resp: 122150

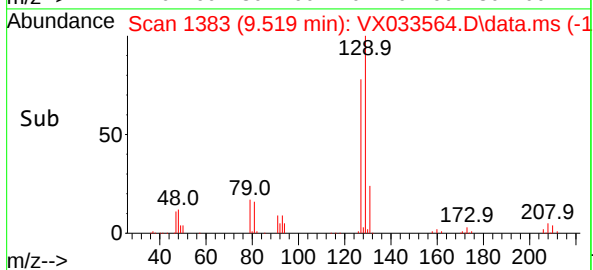
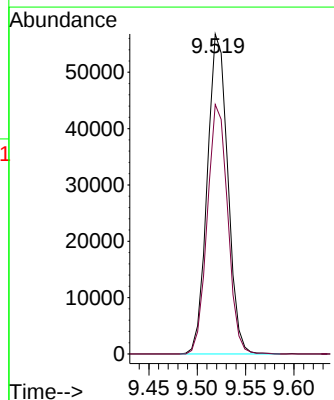
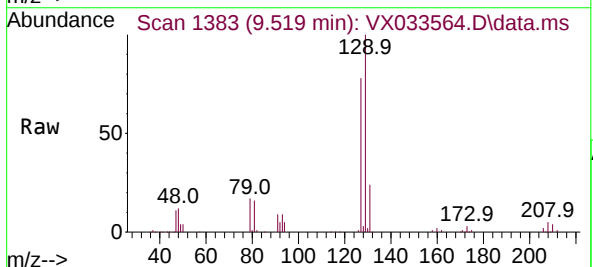
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.7	65.5
57	19.9	15.9	23.9
100	13.5	10.8	16.2

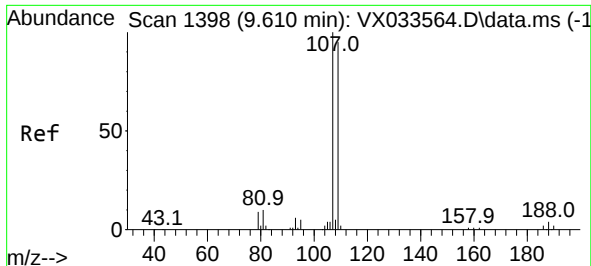


#49
Dibromochloromethane
Concen: 52.056 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 129 Resp: 83564

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.3





#50

1,2-Dibromoethane

Concen: 51.277 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050609

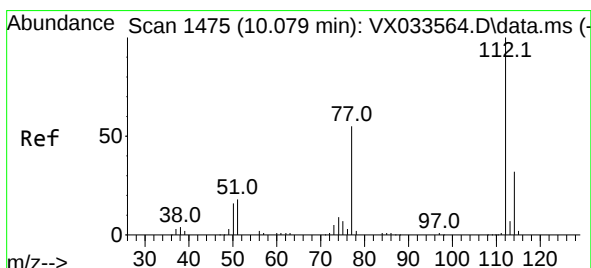
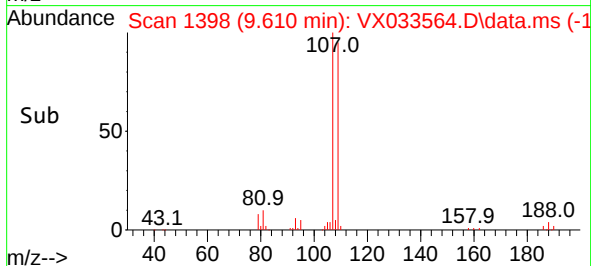
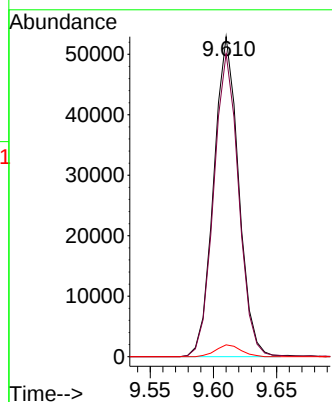
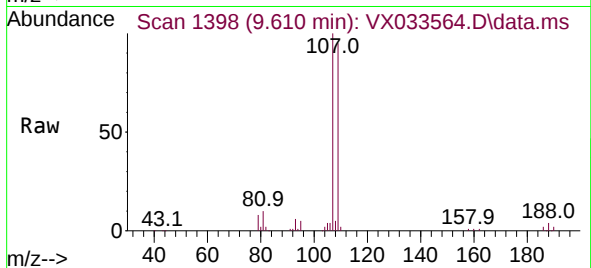
Tgt Ion:107 Resp: 72555

Ion Ratio Lower Upper

107 100

109 94.8 66.4 123.2

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 51.288 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

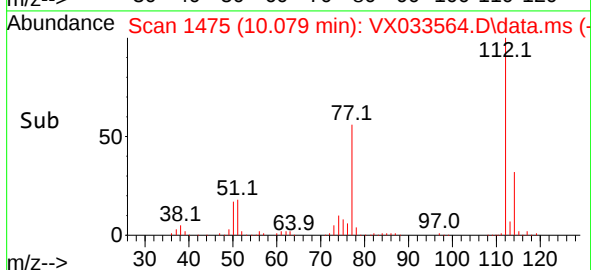
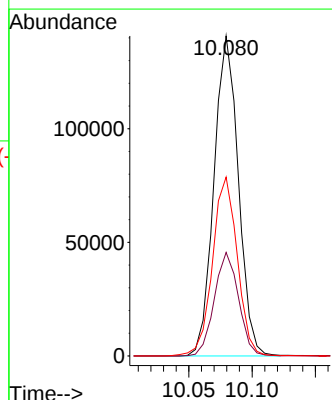
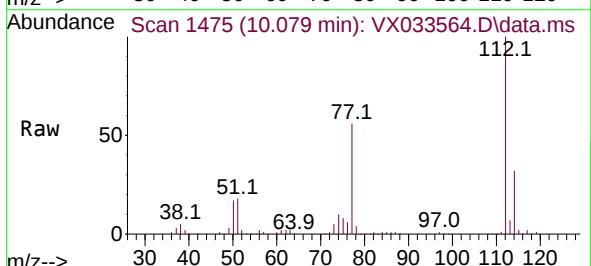
Tgt Ion:112 Resp: 188536

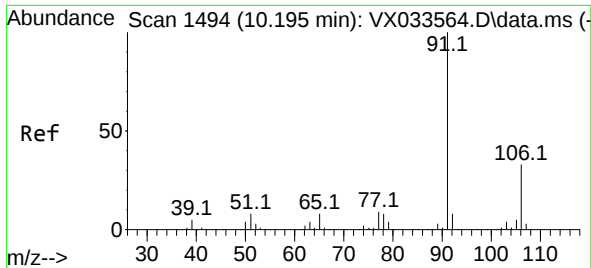
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 55.9 44.7 67.1

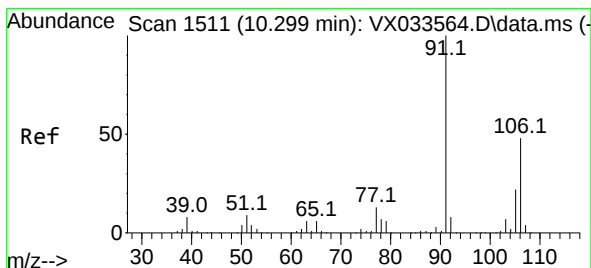
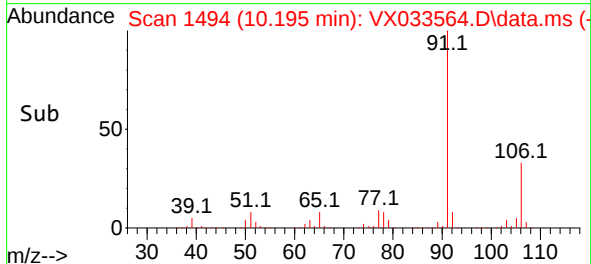
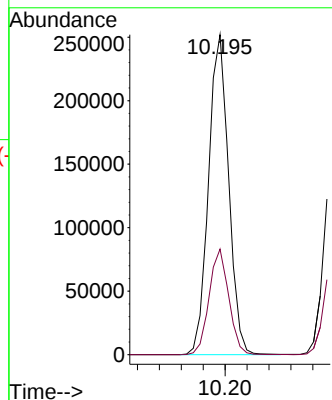
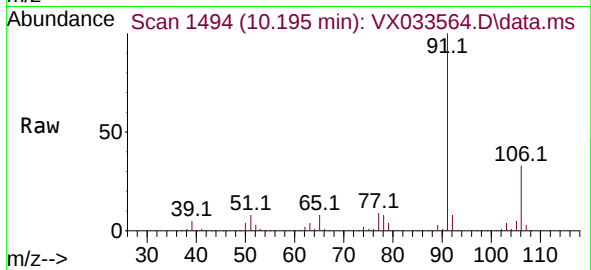




#52
Ethylbenzene
Concen: 52.530 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

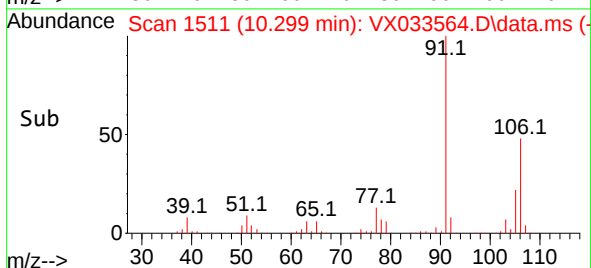
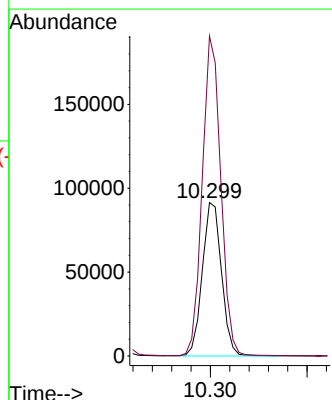
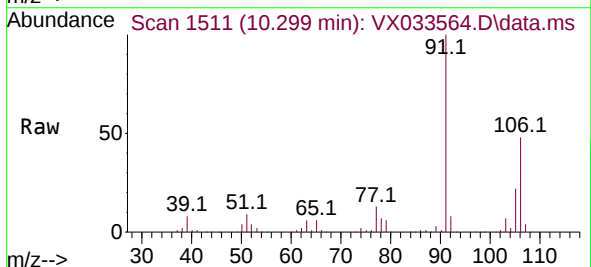
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

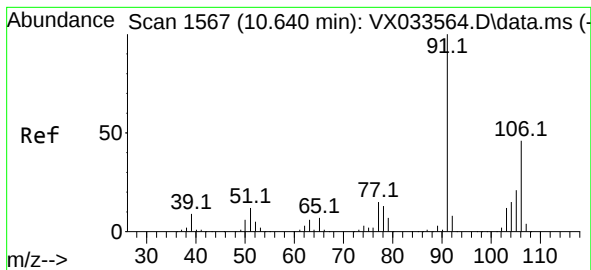
Tgt Ion: 91 Resp: 320388
Ion Ratio Lower Upper
91 100
106 33.0 23.1 42.9



#53
m,p-Xylene
Concen: 52.263 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion:106 Resp: 126278
Ion Ratio Lower Upper
106 100
91 208.5 145.9 271.1





#54

o-Xylene

Concen: 52.651 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

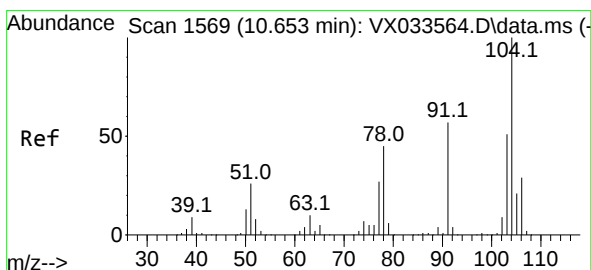
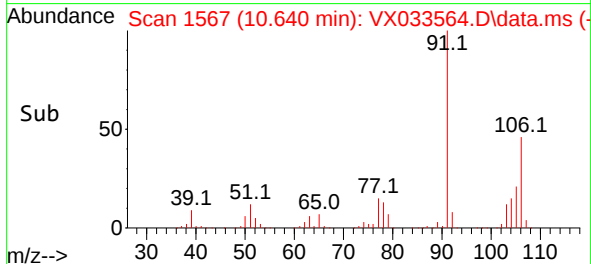
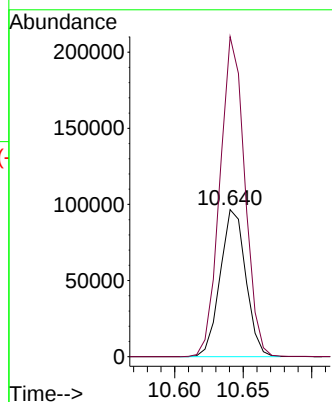
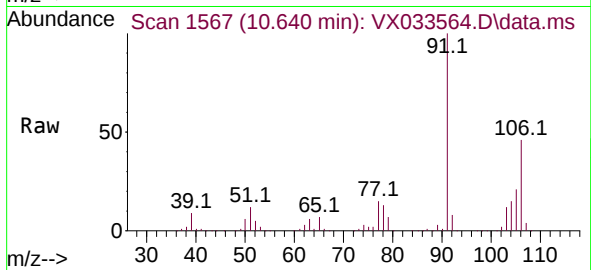
VSTD050609

Tgt Ion:106 Resp: 125490

Ion Ratio Lower Upper

106 100

91 217.6 152.3 282.9



#55

Styrene

Concen: 53.686 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033564.D

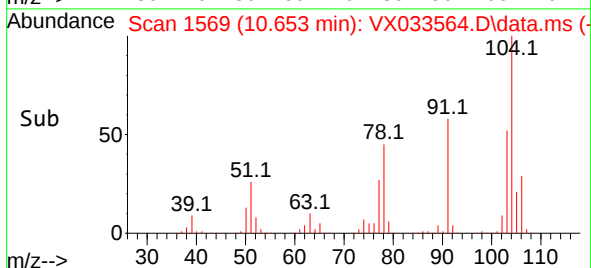
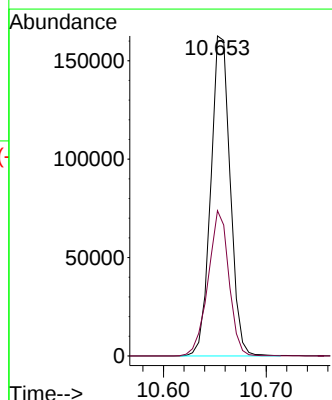
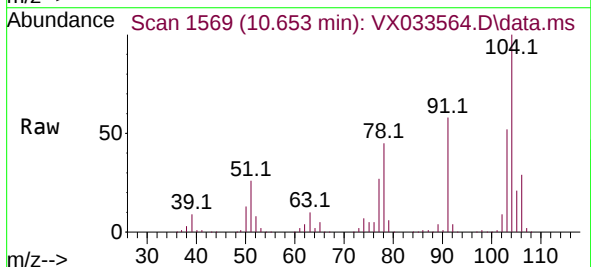
Acq: 27 Dec 2022 14:25

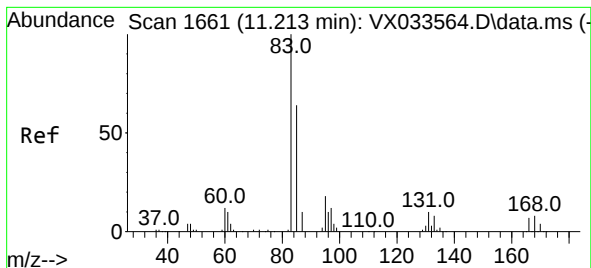
Tgt Ion:104 Resp: 213996

Ion Ratio Lower Upper

104 100

78 45.4 31.8 59.0

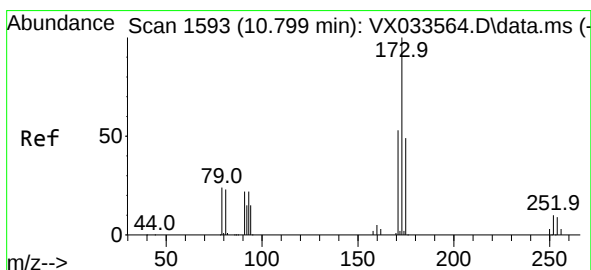
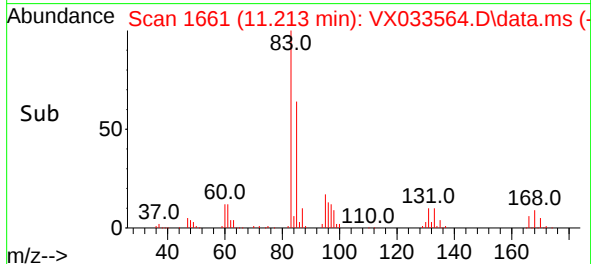
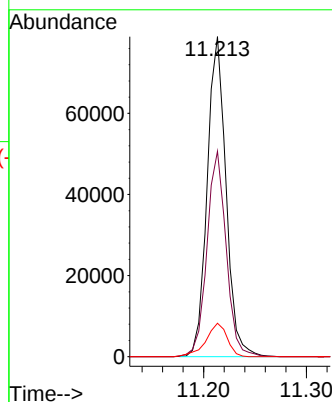
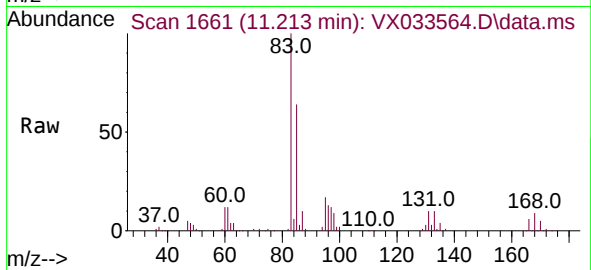




#57
1,1,2,2-Tetrachloroethane
Concen: 51.728 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

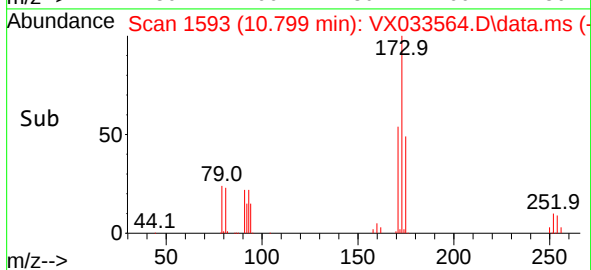
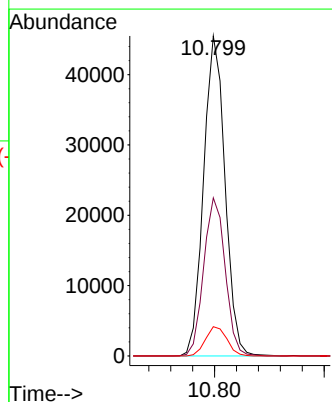
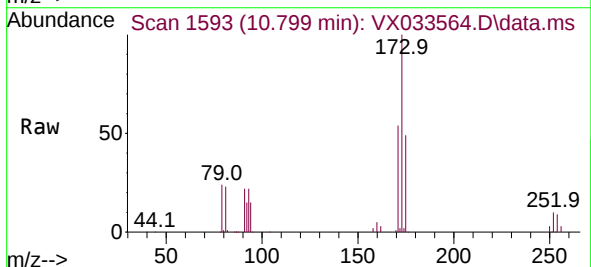
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

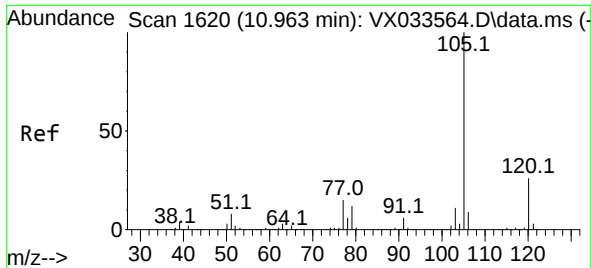
Tgt Ion: 83 Resp: 100406
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 10.5 8.4 12.6



#59
Bromoform
Concen: 50.767 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 173 Resp: 61674
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
254 9.2 7.4 11.0

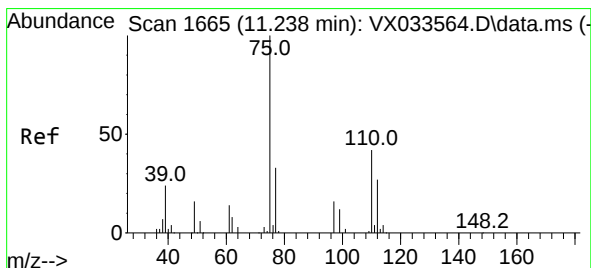
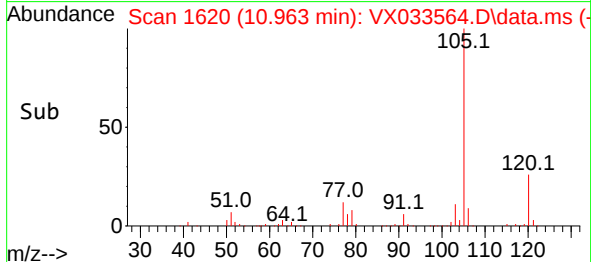
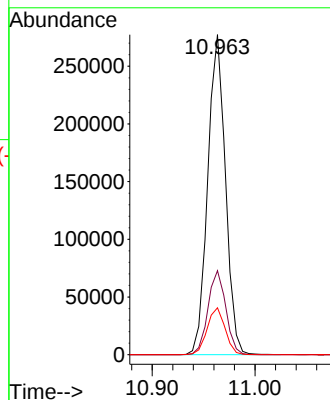
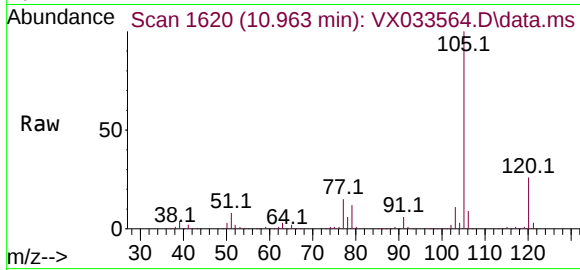




#60
Isopropylbenzene
Concen: 51.842 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

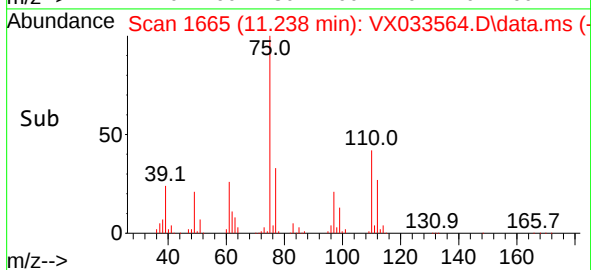
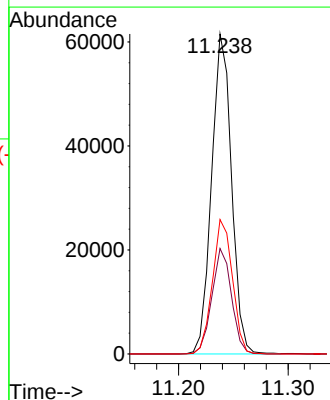
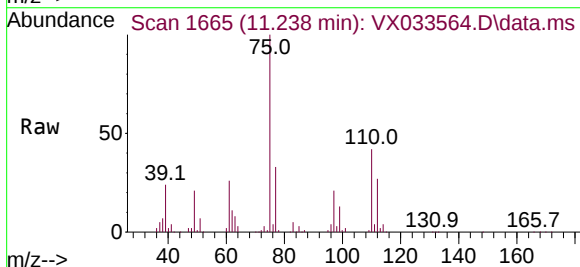
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

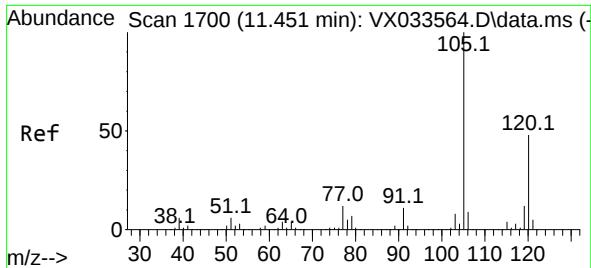
Tgt Ion:105 Resp: 333041
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 14.9 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 51.146 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 75 Resp: 77745
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 42.2 33.8 50.6





#62

1,3,5-Trimethylbenzene

Concen: 52.200 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033564.D

Acq: 27 Dec 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

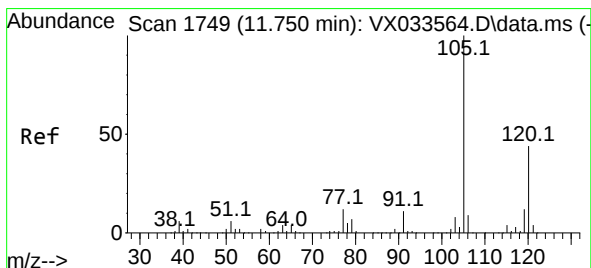
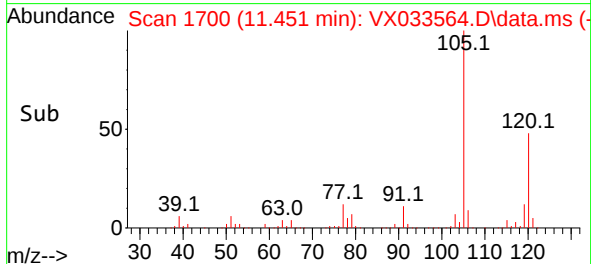
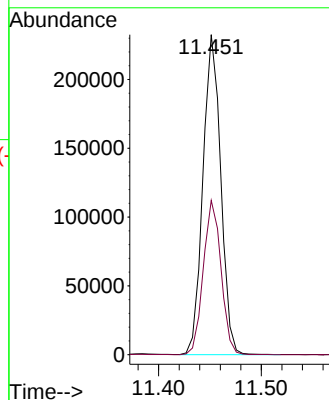
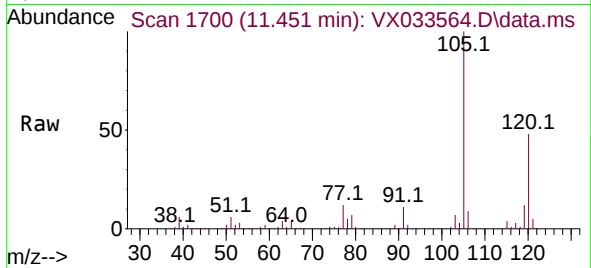
VSTD050609

Tgt Ion:105 Resp: 280987

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 52.679 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033564.D

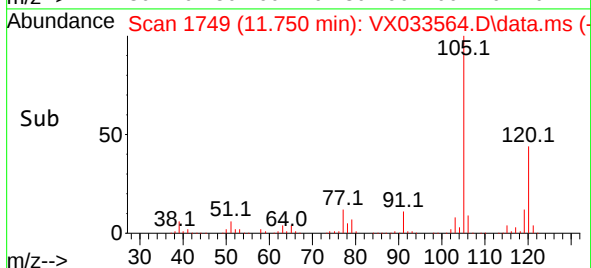
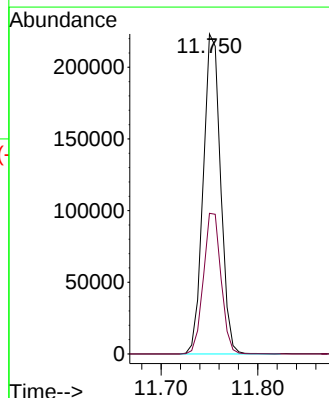
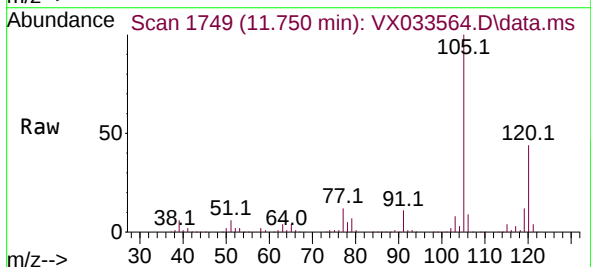
Acq: 27 Dec 2022 14:25

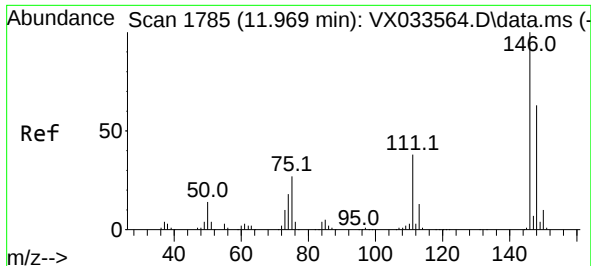
Tgt Ion:105 Resp: 279030

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6

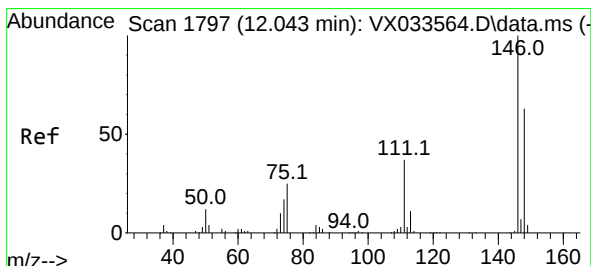
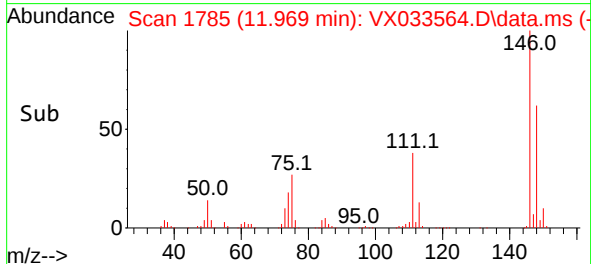
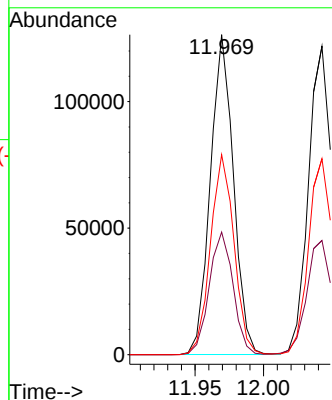
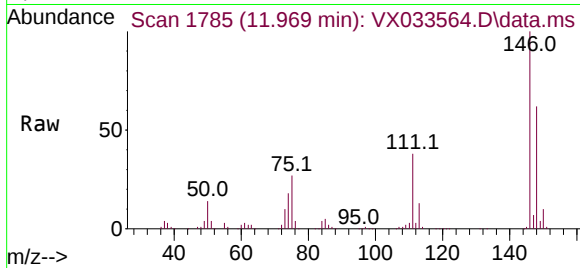




#64
1,3-Dichlorobenzene
Concen: 51.191 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

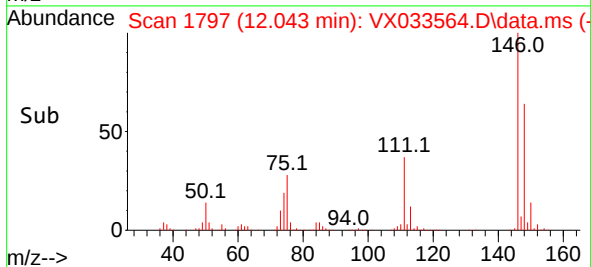
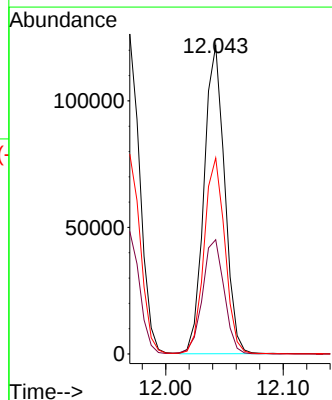
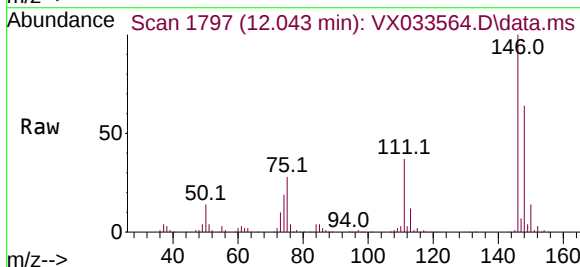
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

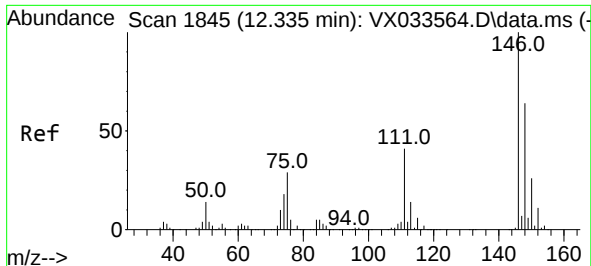
Tgt Ion:146 Resp: 147675
Ion Ratio Lower Upper
146 100
111 38.3 26.8 49.8
148 62.5 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 50.516 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion:146 Resp: 148349
Ion Ratio Lower Upper
146 100
111 37.0 25.9 48.1
148 63.5 44.4 82.5

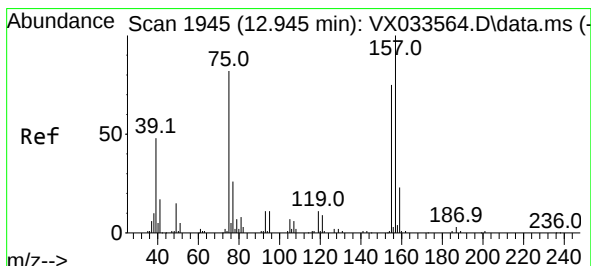
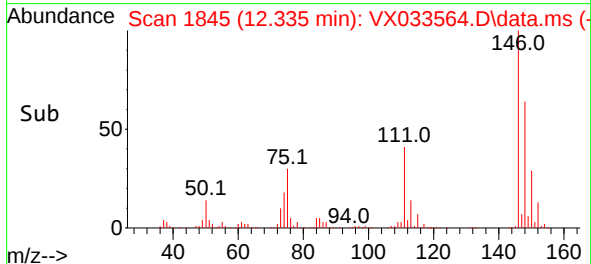
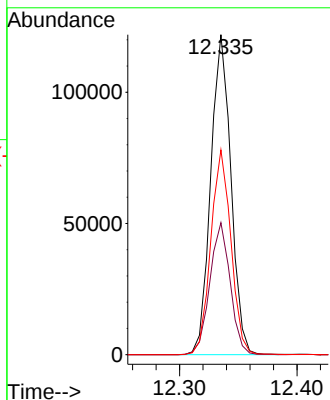
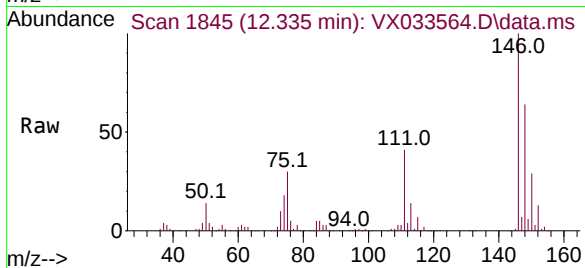




#67
1,2-Dichlorobenzene
Concen: 50.463 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

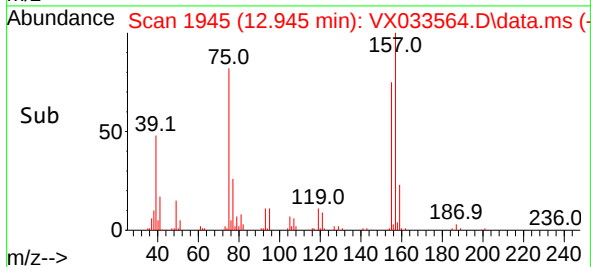
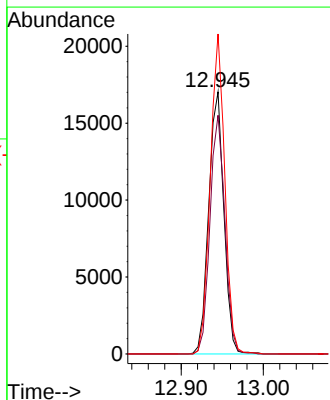
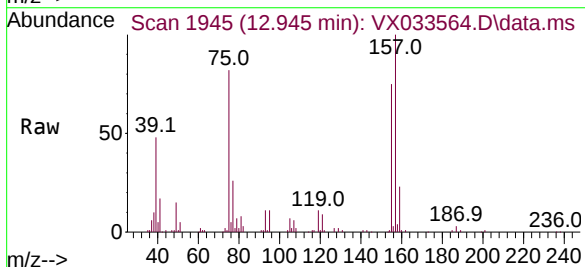
Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

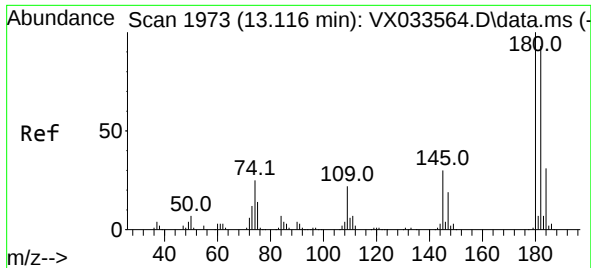
Tgt Ion:146 Resp: 145515
Ion Ratio Lower Upper
146 100
111 41.2 33.0 49.4
148 64.0 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 50.341 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion: 75 Resp: 21841
Ion Ratio Lower Upper
75 100
155 91.1 72.9 109.3
157 122.1 97.7 146.5



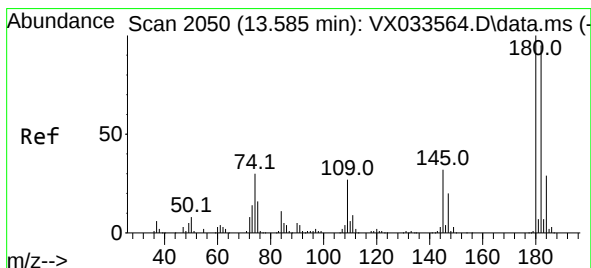
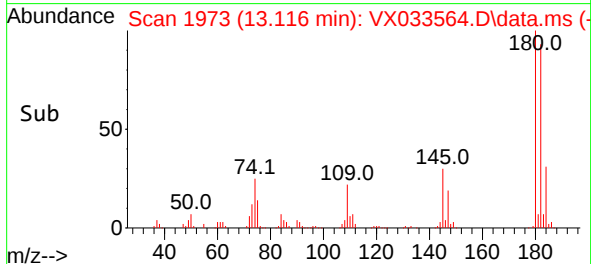
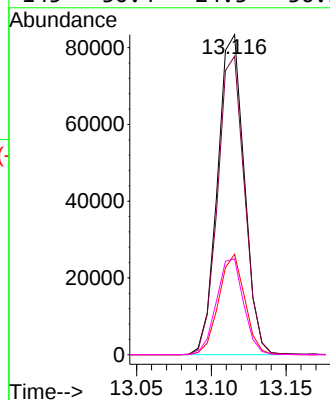
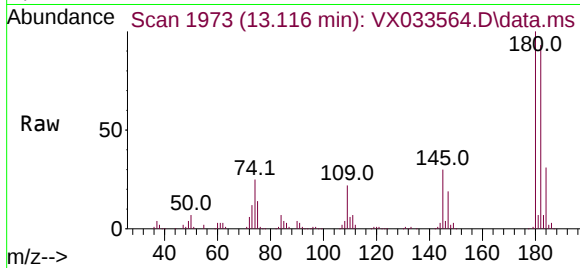


#69
1,3,5-Trichlorobenzene
Concen: 51.335 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

Tgt Ion:180 Resp: 103868

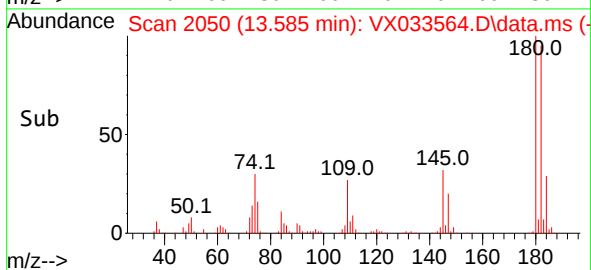
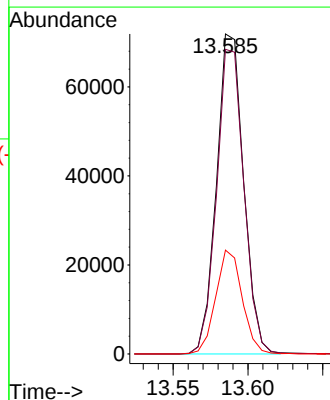
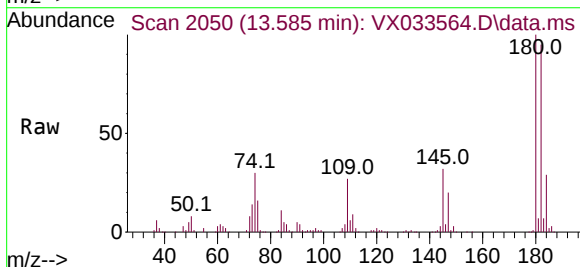
Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.5	111.7
184	30.4	24.3	36.5
145	30.4	24.3	36.5

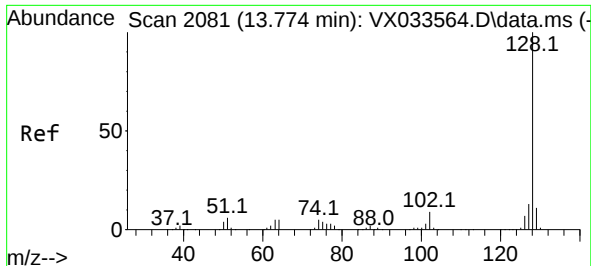


#70
1,2,4-trichlorobenzene
Concen: 50.365 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion:180 Resp: 90825

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	31.7	25.4	38.0



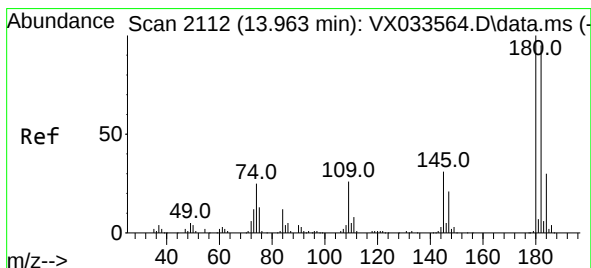
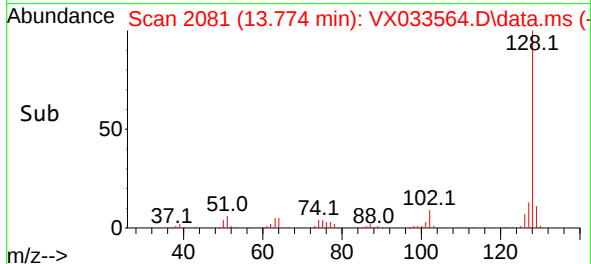
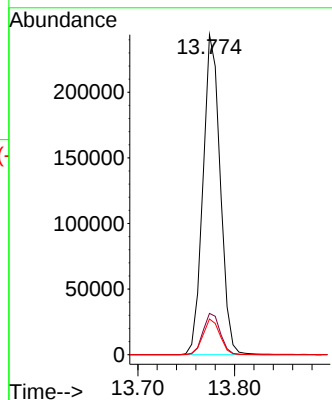
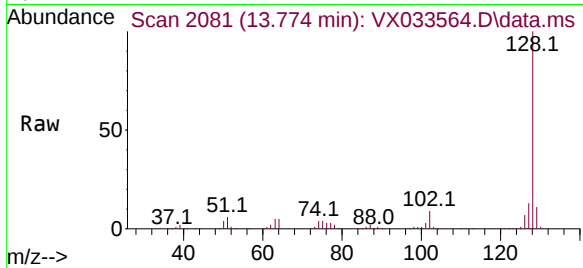


#71
Naphthalene
Concen: 52.769 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
VSTD050609

Tgt Ion:128 Resp: 303177

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.137 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033564.D
Acq: 27 Dec 2022 14:25

Tgt Ion:180 Resp: 92413

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	32.4	25.9	38.9

