

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033562.D
 Acq On : 27 Dec 2022 13:39
 Operator : JC/MD
 Sample : VSTD00507
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005607

Quant Time: Dec 28 01:47:04 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	186075	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	163611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	79872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	4370	4.797	ug/L	0.00
7) Chloroethane-d5	1.672	69	3449	4.020	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	8046	4.195	ug/L	0.00
21) 2-Butanone-d5	4.471	46	6430	9.460	ug/L	0.00
24) Chloroform-d	5.062	84	11764	4.856	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	7729	5.073	ug/L	0.00
32) Benzene-d6	5.976	84	21963	4.918	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	6540	4.961	ug/L	0.00
41) Toluene-d8	8.653	98	21669	4.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	2867	4.438	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	4239	8.437	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	8875	4.865	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	7846	4.951	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	6907	5.324	ug/L	98
3) Chloromethane	1.294	50	5156	5.295	ug/L	94
5) Vinyl chloride	1.374	62	5484	5.118	ug/L	94
6) Bromomethane	1.617	94	3272	4.859	ug/L	85
8) Chloroethane	1.691	64	3282	4.428	ug/L	89
9) Trichlorofluoromethane	1.892	101	8366	5.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4572	4.329	ug/L	96
12) 1,1-Dichloroethene	2.325	96	4238	4.405	ug/L	81
13) Acetone	2.398	43	4310	8.774	ug/L	92
14) Carbon disulfide	2.514	76	12821	4.293	ug/L	97
15) Methyl Acetate	2.703	43	3628	4.028	ug/L	97
16) Methylene chloride	2.788	84	4511	4.292	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	4591	4.224	ug/L	82
18) Methyl tert-butyl Ether	3.117	73	12310	3.824	ug/L	99
19) 1,1-Dichloroethane	3.611	63	9810	5.038	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	6147	4.863	ug/L	83
22) 2-Butanone	4.580	43	7432	9.982	ug/L	99
23) Bromochloromethane	4.903	128	2000	2.996	ug/L	98
25) Chloroform	5.092	83	11465	5.142	ug/L	99
27) 1,2-Dichloroethane	6.092	62	8468	4.882	ug/L	99
29) Cyclohexane	5.470	56	5413	3.094	ug/L #	49
30) 1,1,1-Trichloroethane	5.385	97	10158	5.046	ug/L	99
31) Carbon tetrachloride	5.678	117	9506	5.119	ug/L	98
33) Benzene	6.037	78	22690	5.040	ug/L	100
34) Trichloroethene	7.129	95	6286	5.067	ug/L	96
35) Methylcyclohexane	7.379	83	10118	5.119	ug/L	96
37) 1,2-Dichloropropane	7.434	63	5741	5.226	ug/L	100
38) Bromodichloromethane	7.824	83	8545	5.042	ug/L #	93
39) cis-1,3-Dichloropropene	8.366	75	8473	4.807	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	12842	9.616	ug/L	99
42) Toluene	8.720	91	24676	4.875	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	7710	4.528	ug/L	96

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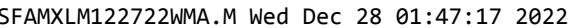
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005607

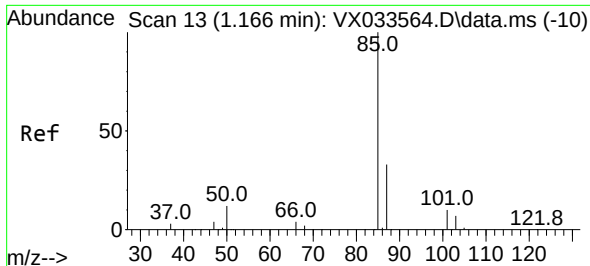
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	6039	5.140	ug/L	93
46) Tetrachloroethene	9.275	164	5188	5.008	ug/L	94
48) 2-Hexanone	9.433	43	10093	9.794	ug/L	99
49) Dibromochloromethane	9.525	129	7065	4.852	ug/L	94
50) 1,2-Dibromoethane	9.610	107	6278	4.892	ug/L	97
51) Chlorobenzene	10.079	112	16625	4.986	ug/L	95
52) Ethylbenzene	10.195	91	26263	4.748	ug/L	95
53) m,p-Xylene	10.305	106	10260	4.682	ug/L	98
54) o-Xylene	10.640	106	10456	4.837	ug/L	94
55) Styrene	10.659	104	16059	4.442	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	8907	5.059	ug/L	96
59) Bromoform	10.799	173	5171	5.053	ug/L	99
60) Isopropylbenzene	10.963	105	26750	4.943	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	6857	5.355	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	22027	4.858	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	21484	4.815	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	11973	4.927	ug/L	93
65) 1,4-Dichlorobenzene	12.042	146	12803	5.176	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	12366	5.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	1870	5.117	ug/L #	58
69) 1,3,5-Trichlorobenzene	13.115	180	8298	4.869	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	7338	4.831	ug/L	96
71) Naphthalene	13.774	128	21786	4.502	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	7340	4.822	ug/L	98

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

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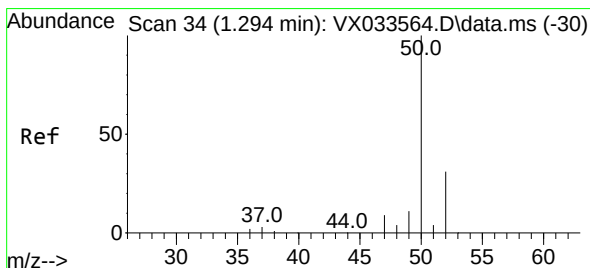
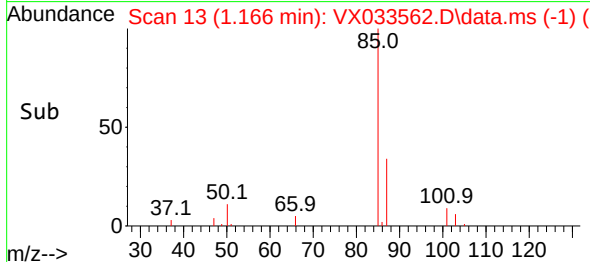
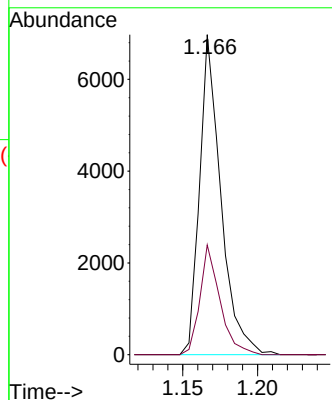
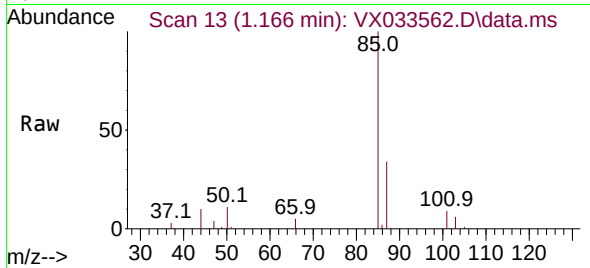




#2
 Dichlorodifluoromethane
 Concen: 5.324 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
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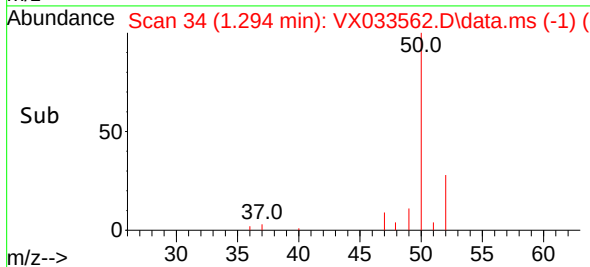
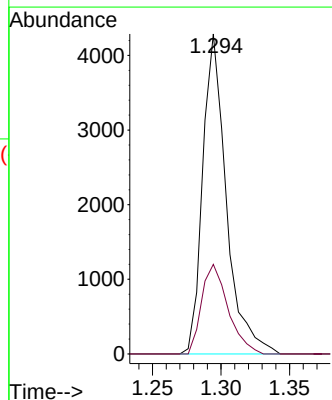
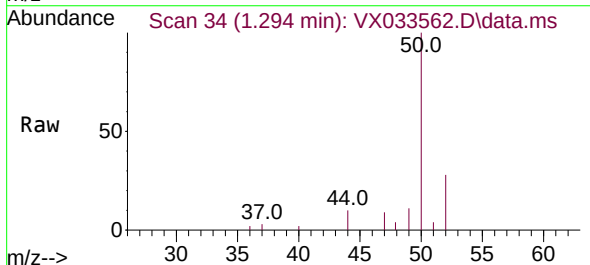
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005607

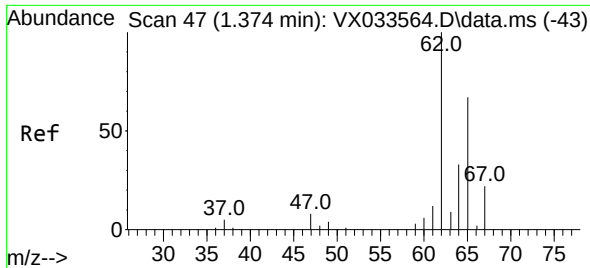
Tgt Ion: 85 Resp: 6907
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.7 40.1



#3
 Chloromethane
 Concen: 5.295 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX033562.D
 Acq: 27 Dec 2022 13:39

Tgt Ion: 50 Resp: 5156
 Ion Ratio Lower Upper
 50 100
 52 28.0 22.0 41.0

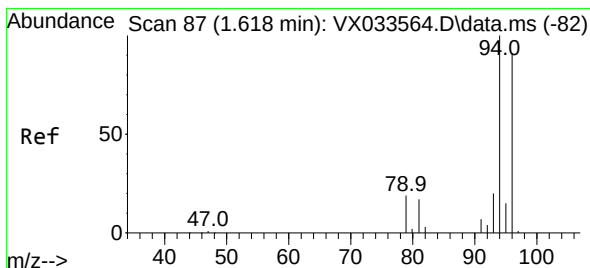
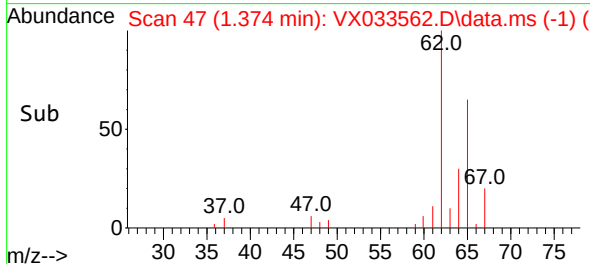
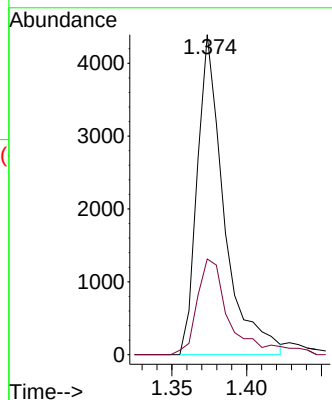
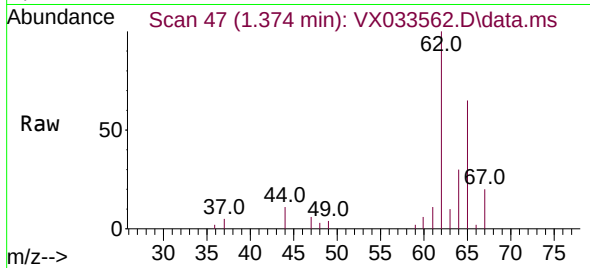




#5
 Vinyl chloride
 Concen: 5.118 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033562.D
 Acq: 27 Dec 2022 13:39

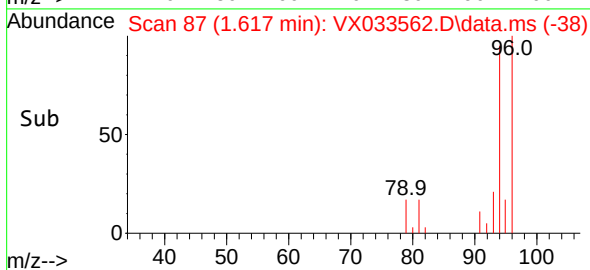
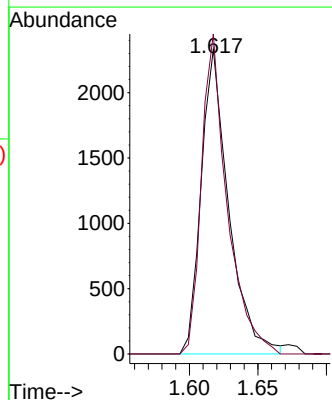
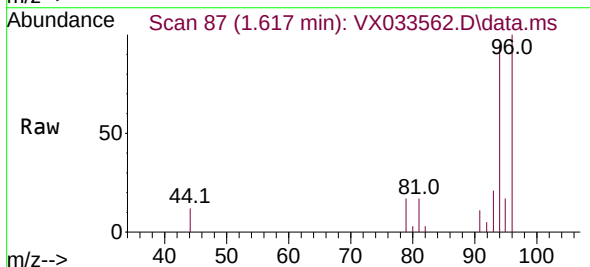
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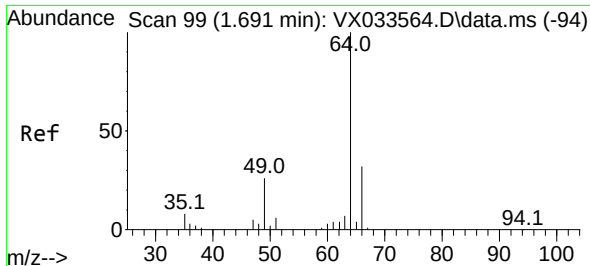
Tgt Ion: 62 Resp: 5484
 Ion Ratio Lower Upper
 62 100
 64 29.9 23.4 43.4



#6
 Bromomethane
 Concen: 4.859 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033562.D
 Acq: 27 Dec 2022 13:39

Tgt Ion: 94 Resp: 3272
 Ion Ratio Lower Upper
 94 100
 96 105.0 63.5 117.9

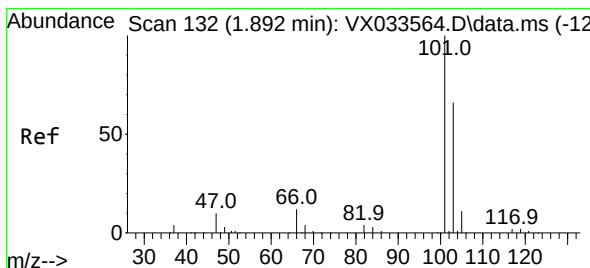
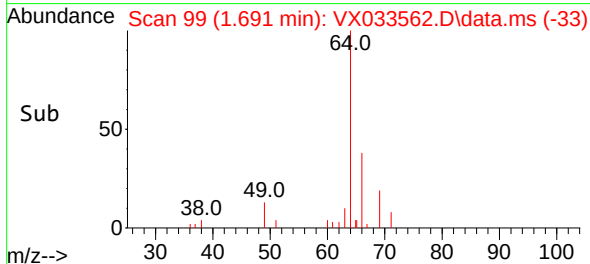
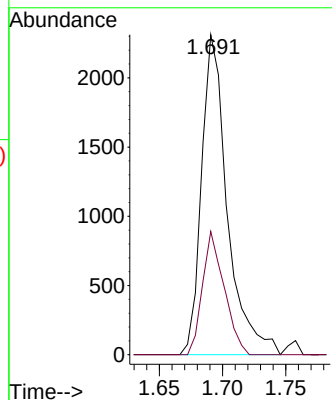
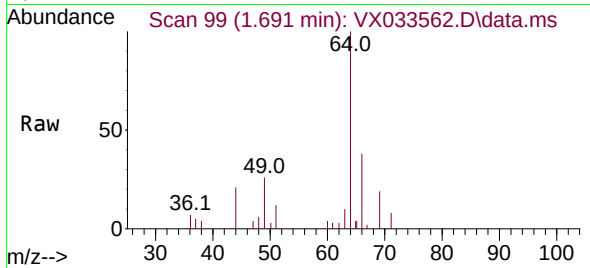




#8
Chloroethane
Concen: 4.428 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

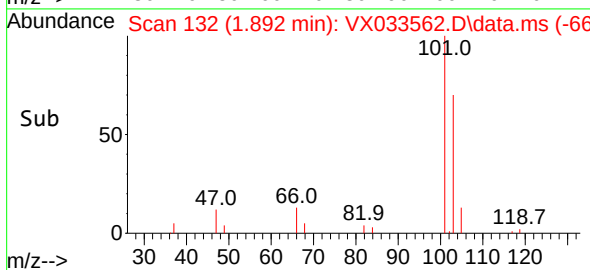
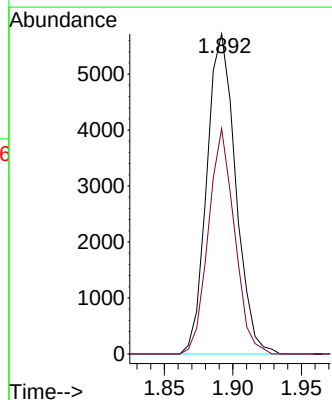
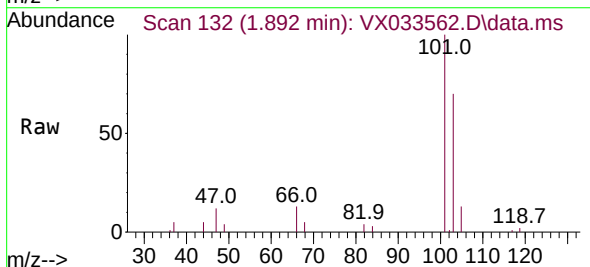
Instrument :
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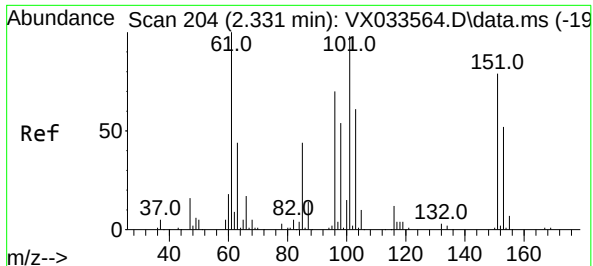
Tgt Ion: 64 Resp: 3282
Ion Ratio Lower Upper
64 100
66 38.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.163 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 101 Resp: 8366
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.329 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD005607

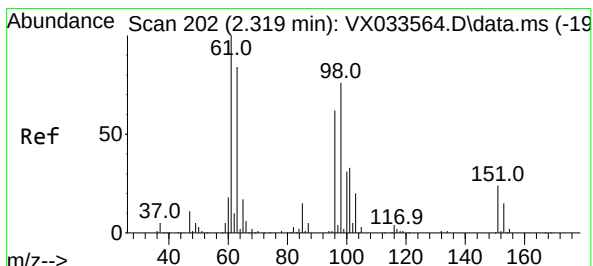
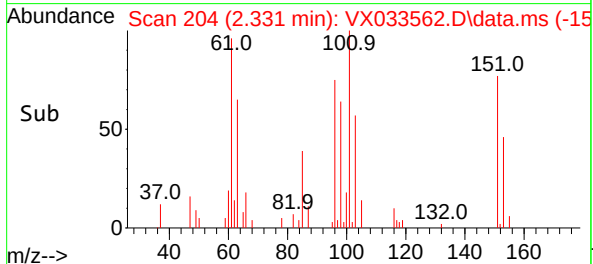
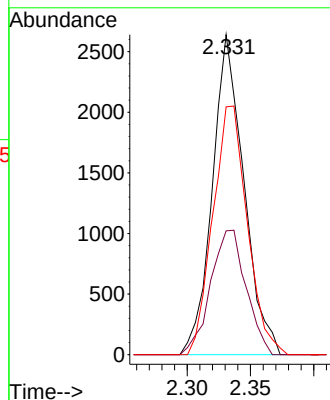
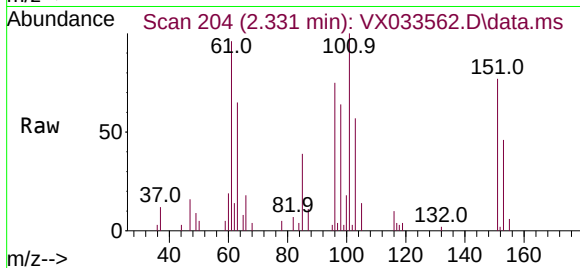
Tgt Ion:101 Resp: 4572

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.4

151 84.9 63.3 94.9



#12

1,1-Dichloroethene

Concen: 4.405 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

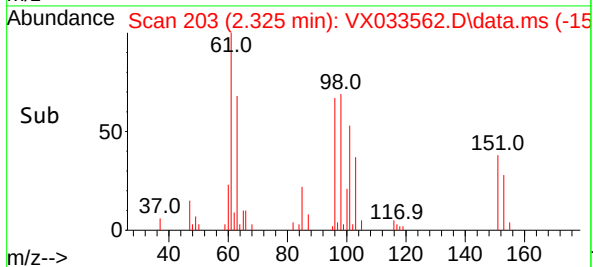
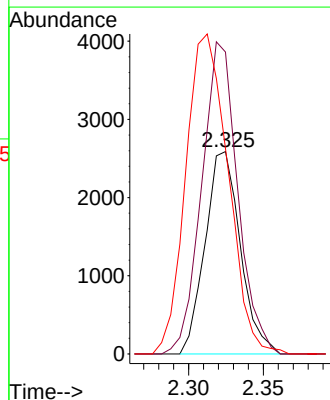
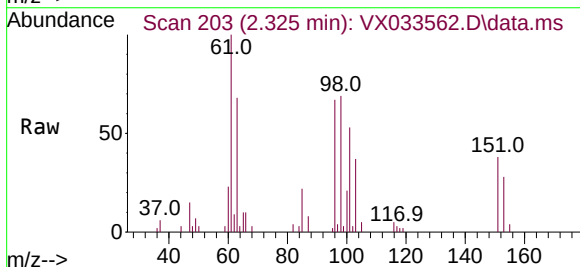
Tgt Ion: 96 Resp: 4238

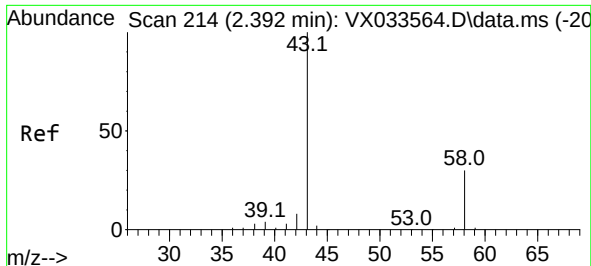
Ion Ratio Lower Upper

96 100

61 149.2 112.7 209.3

63 101.5 97.0 180.2





#13

Acetone

Concen: 8.774 ug/L

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

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ClientSampleId :

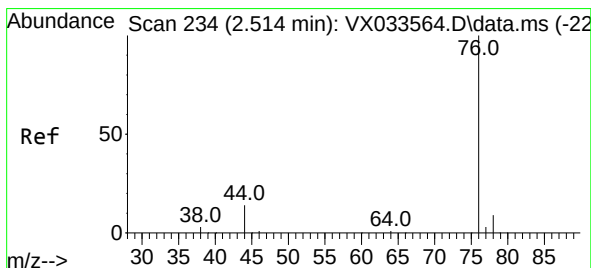
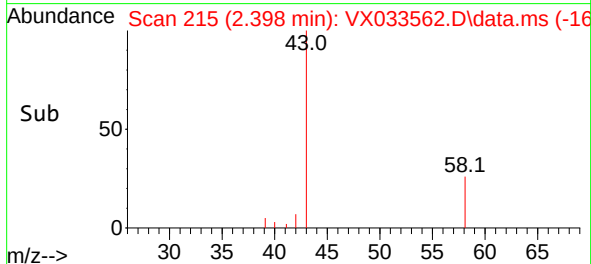
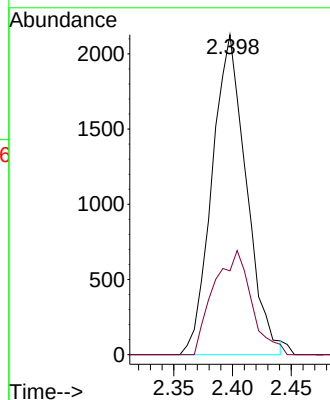
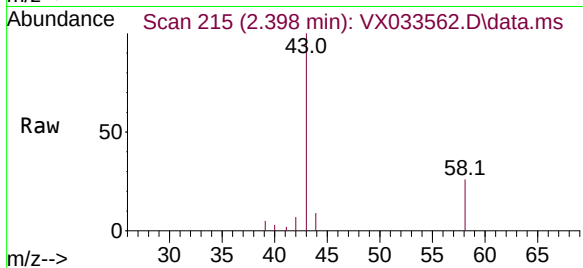
VSTD005607

Tgt Ion: 43 Resp: 4310

Ion Ratio Lower Upper

43 100

58 35.8 0.0 62.4



#14

Carbon disulfide

Concen: 4.293 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033562.D

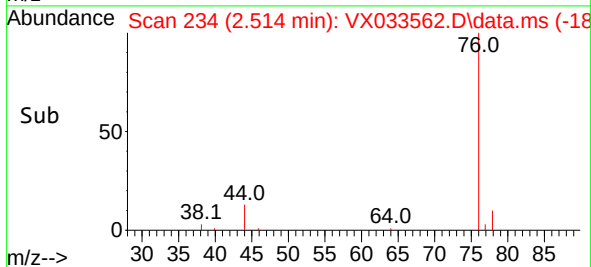
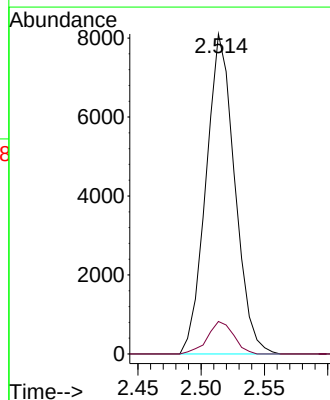
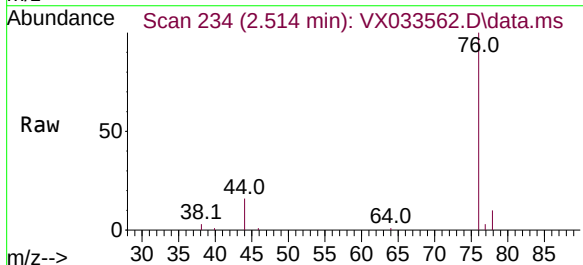
Acq: 27 Dec 2022 13:39

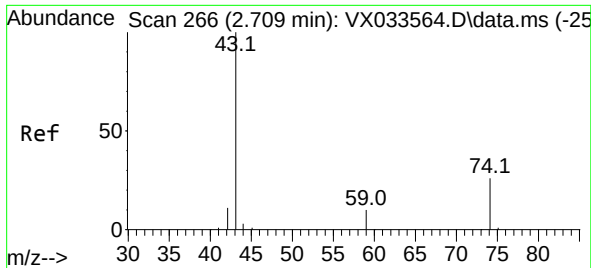
Tgt Ion: 76 Resp: 12821

Ion Ratio Lower Upper

76 100

78 10.2 7.2 10.8

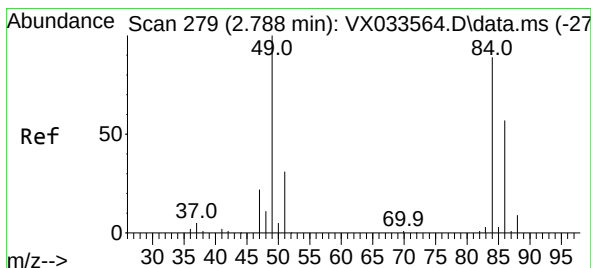
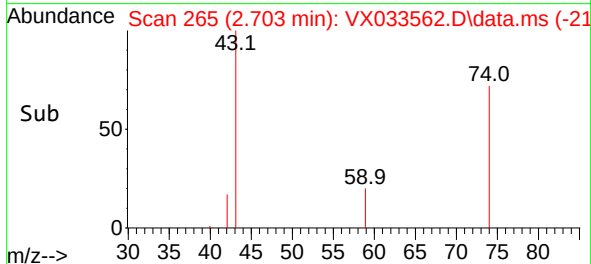
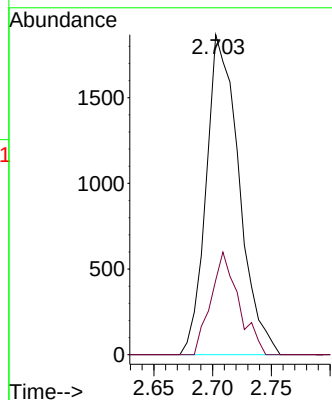
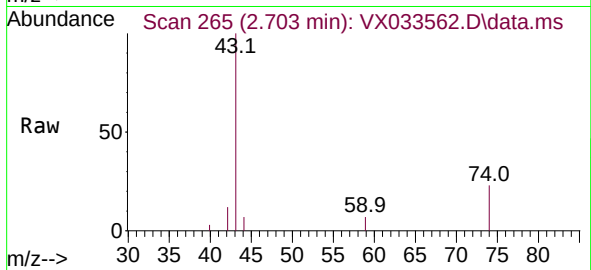




#15
Methyl Acetate
Concen: 4.028 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

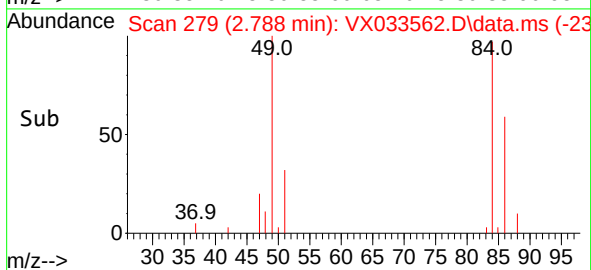
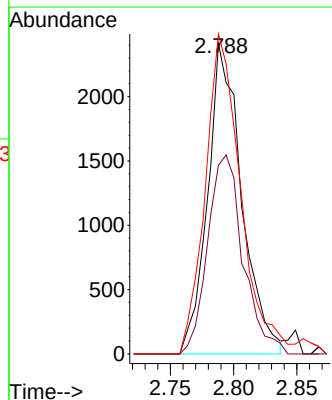
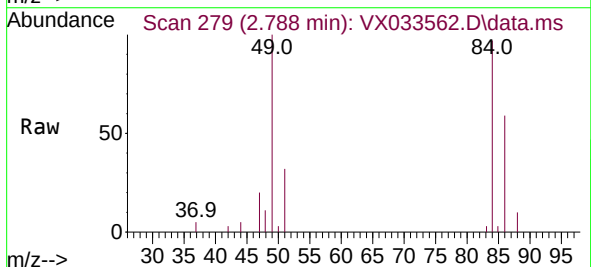
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

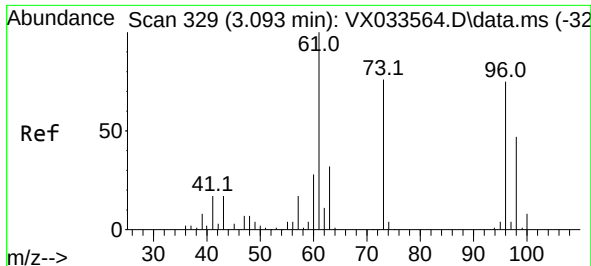
Tgt Ion: 43 Resp: 3628
Ion Ratio Lower Upper
43 100
74 27.1 20.6 30.8



#16
Methylene chloride
Concen: 4.292 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 84 Resp: 4511
Ion Ratio Lower Upper
84 100
86 60.8 44.9 83.5
49 103.1 79.0 146.8

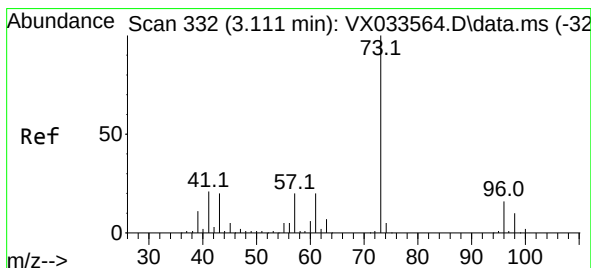
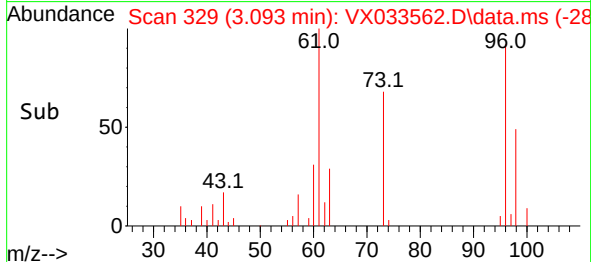
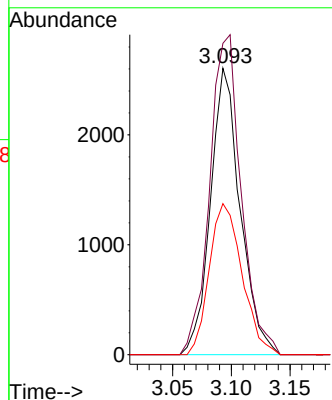
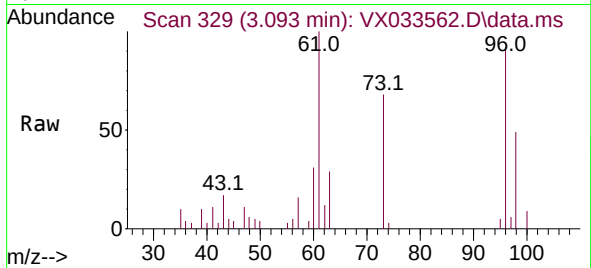




#17
 trans-1,2-Dichloroethene
 Concen: 4.224 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX033562.D
 Acq: 27 Dec 2022 13:39

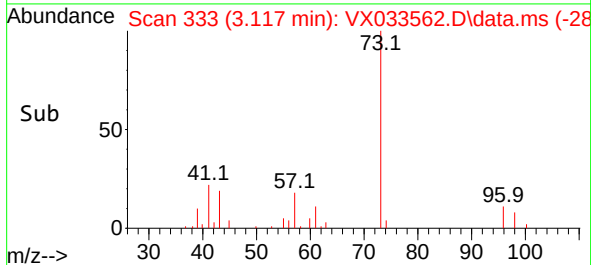
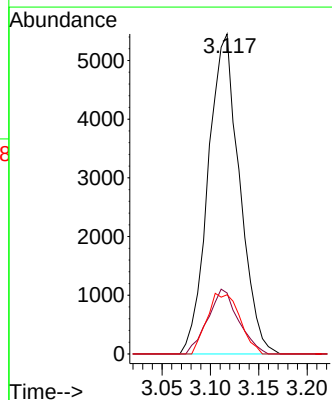
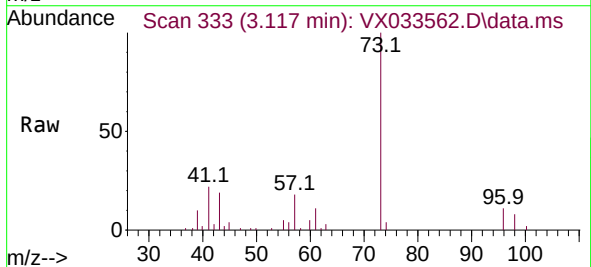
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005607

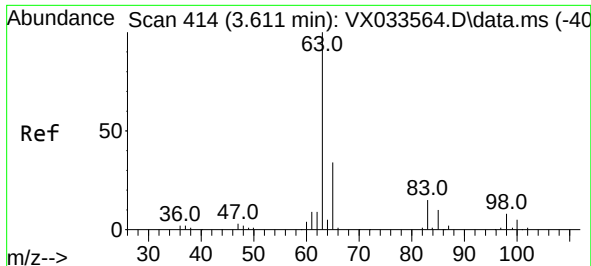
Tgt Ion: 96 Resp: 4591
 Ion Ratio Lower Upper
 96 100
 61 108.7 93.0 172.8
 98 52.7 43.2 80.2



#18
 Methyl tert-butyl Ether
 Concen: 3.824 ug/L
 RT: 3.117 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VX033562.D
 Acq: 27 Dec 2022 13:39

Tgt Ion: 73 Resp: 12310
 Ion Ratio Lower Upper
 73 100
 43 19.8 15.6 23.4
 57 19.7 16.2 24.4





#19

1,1-Dichloroethane

Concen: 5.038 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD005607

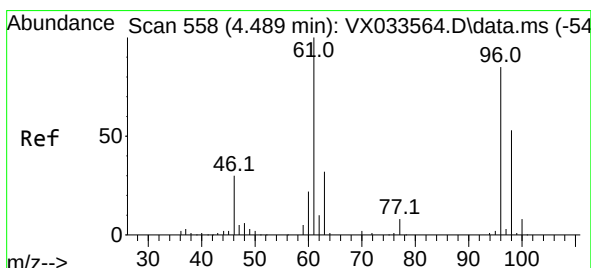
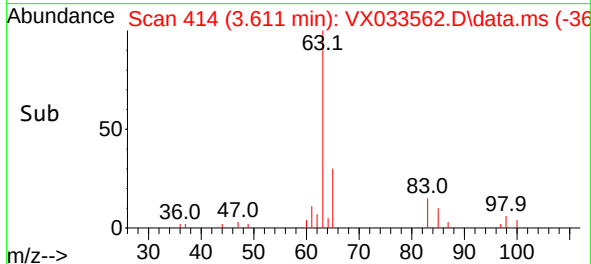
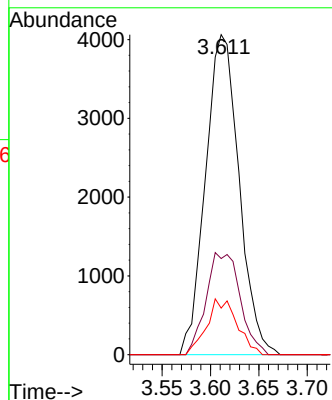
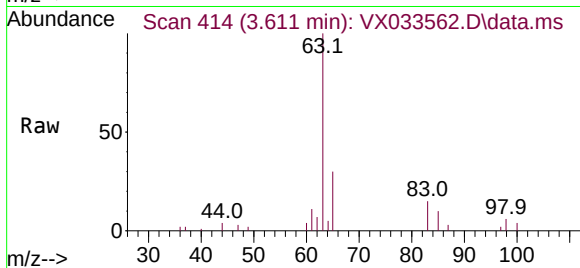
Tgt Ion: 63 Resp: 9810

Ion Ratio Lower Upper

63 100

65 30.0 23.4 43.6

83 14.5 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 4.863 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

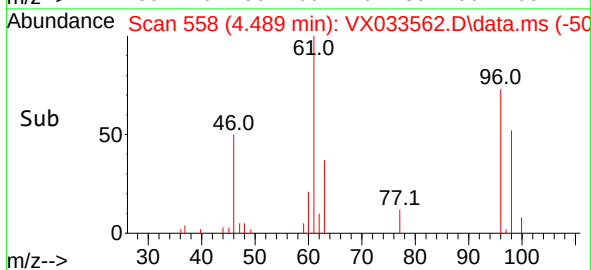
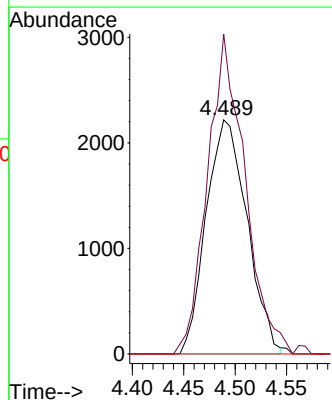
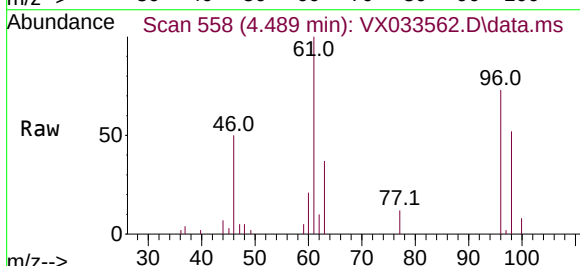
Tgt Ion: 96 Resp: 6147

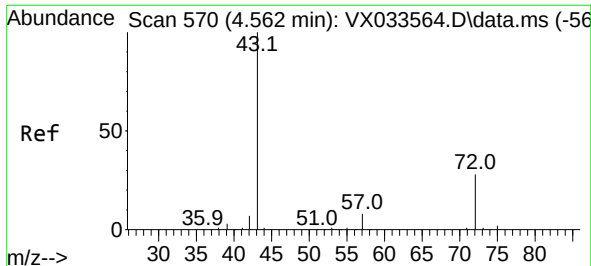
Ion Ratio Lower Upper

96 100

61 136.7 82.9 153.9

68 0.0 0.0 0.0

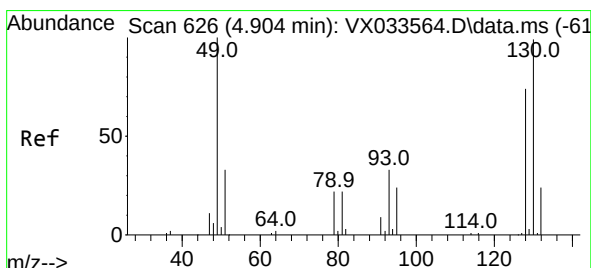
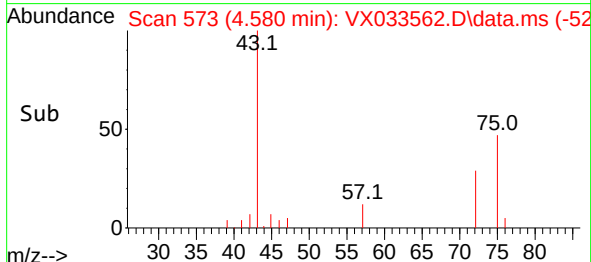
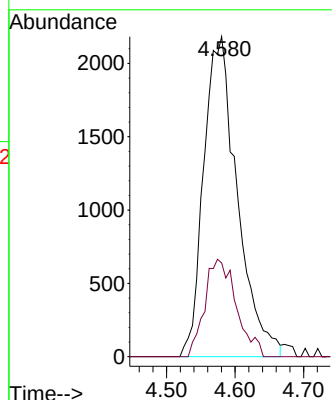
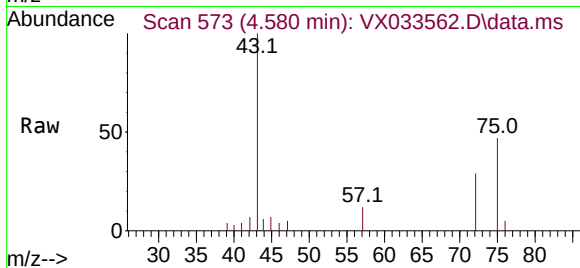




#22
2-Butanone
Concen: 9.982 ug/L
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

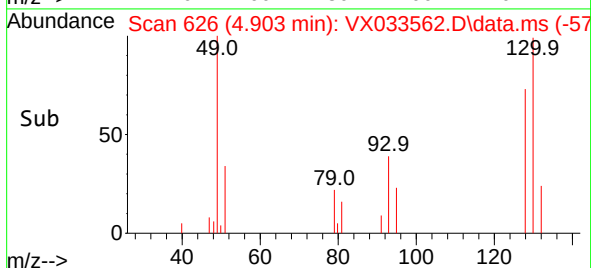
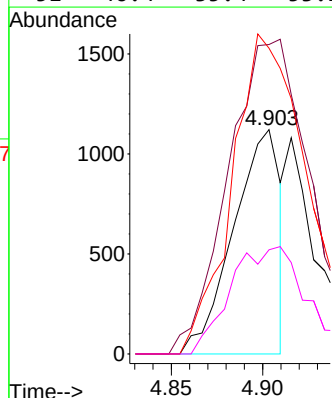
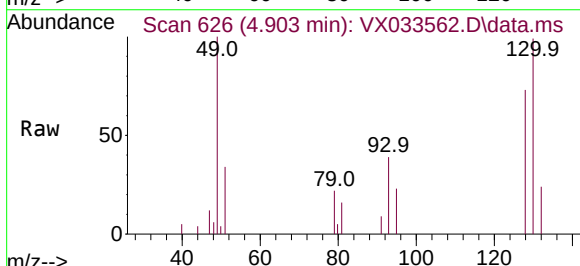
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

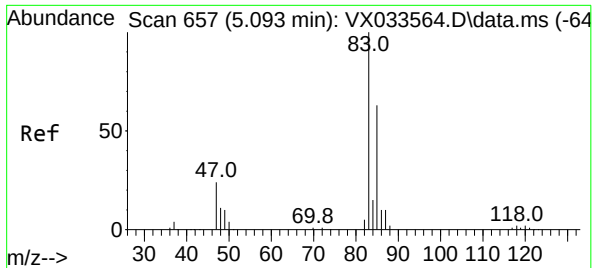
Tgt Ion: 43 Resp: 7432
Ion Ratio Lower Upper
43 100
72 27.5 13.5 40.4



#23
Bromochloromethane
Concen: 2.996 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 128 Resp: 2000
Ion Ratio Lower Upper
128 100
49 137.9 95.2 176.8
130 136.3 94.0 174.6
51 46.4 35.4 53.2

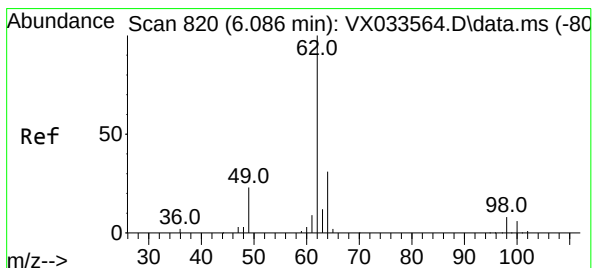
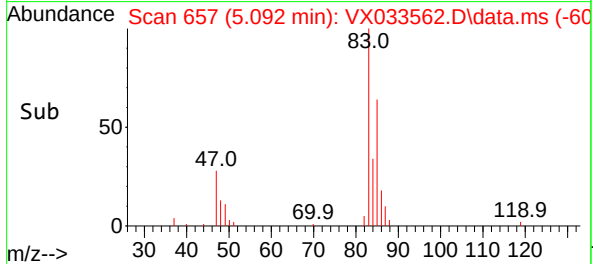
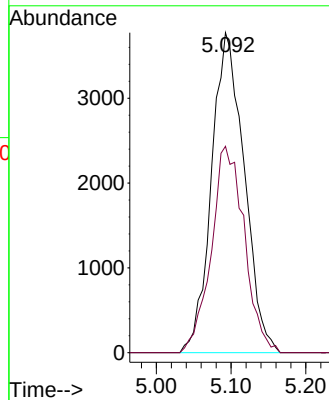
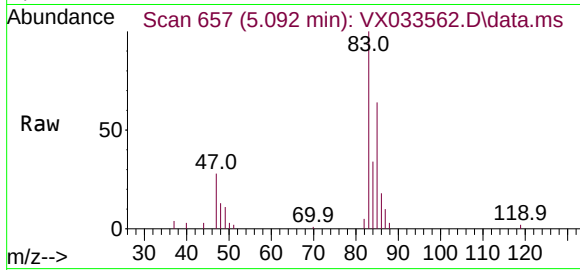




#25
Chloroform
Concen: 5.142 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

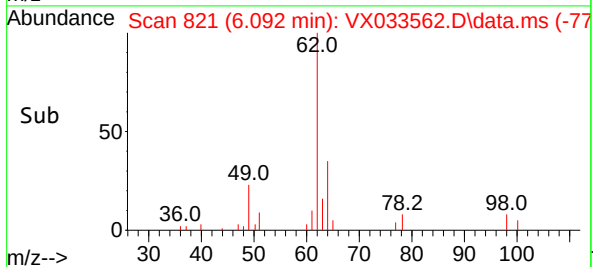
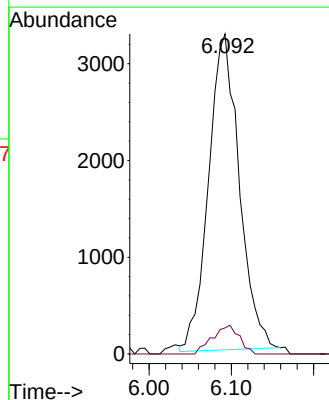
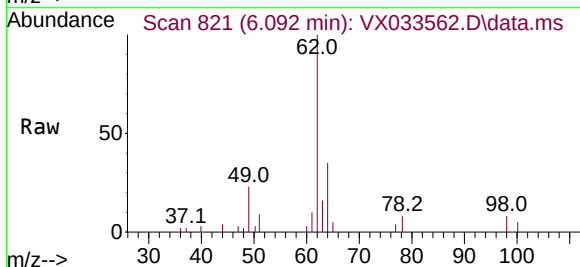
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

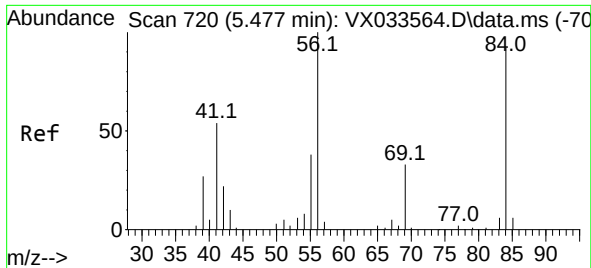
Tgt Ion: 83 Resp: 11465
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.5



#27
1,2-Dichloroethane
Concen: 4.882 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 62 Resp: 8468
Ion Ratio Lower Upper
62 100
98 8.2 6.7 10.1

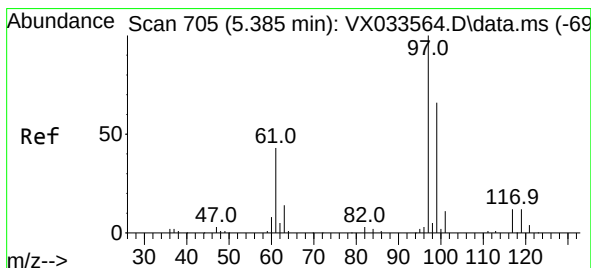
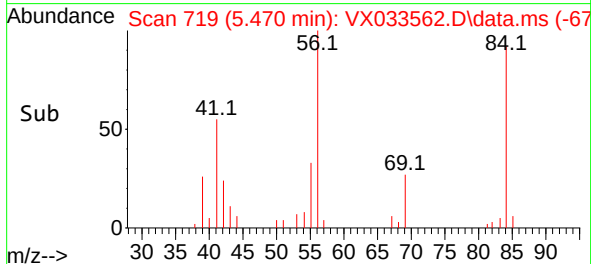
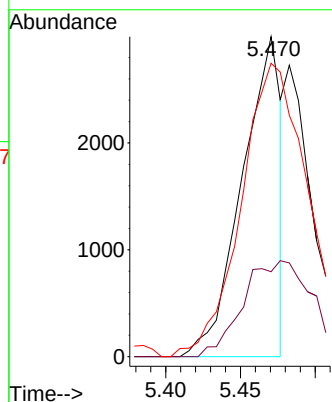
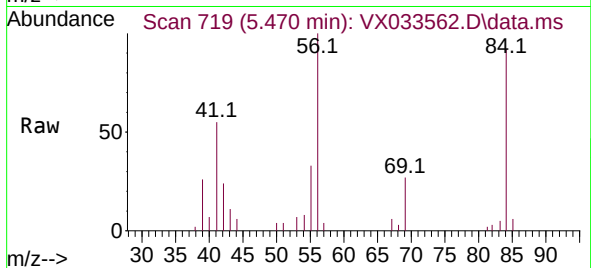




#29
Cyclohexane
Concen: 3.094 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

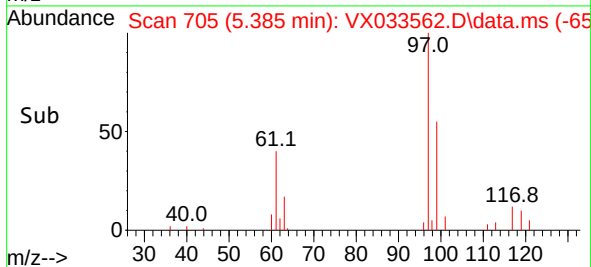
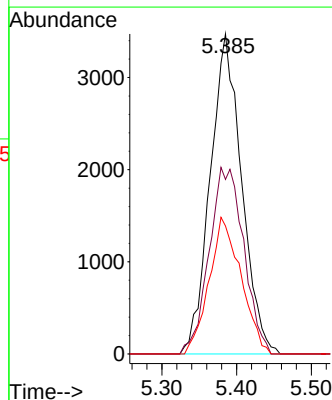
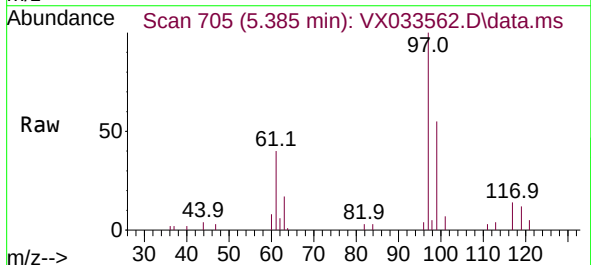
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

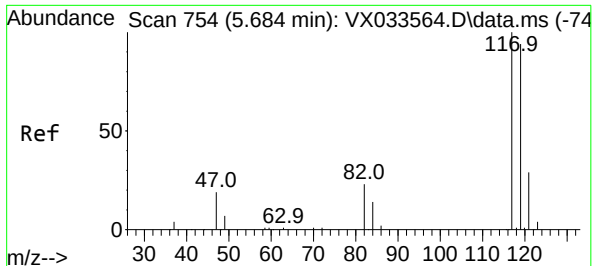
Tgt Ion: 56 Resp: 5413
Ion Ratio Lower Upper
56 100
69 24.8 25.9 38.9#
84 156.4 75.7 113.5#



#30
1,1,1-Trichloroethane
Concen: 5.046 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 97 Resp: 10158
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 43.4 33.4 50.0

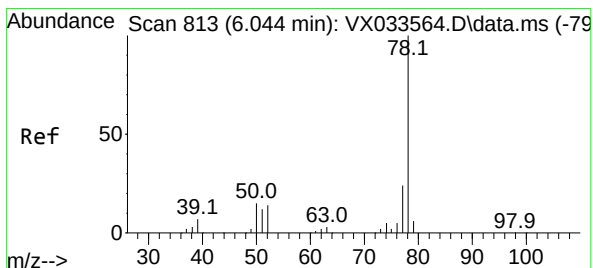
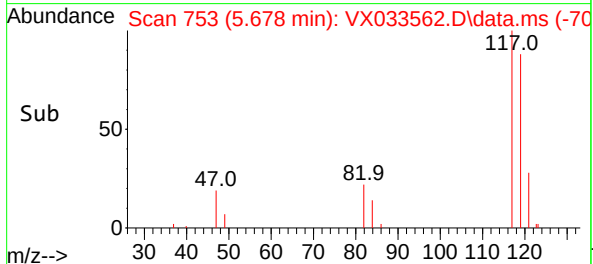
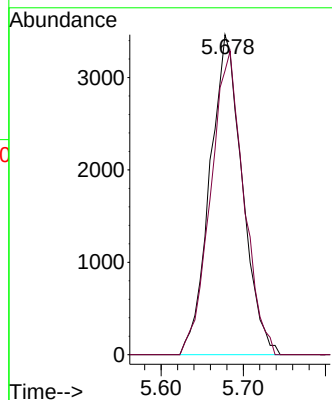
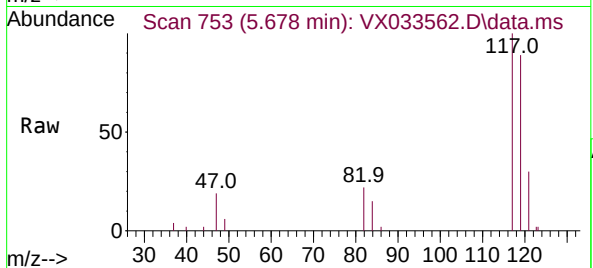




#31
Carbon tetrachloride
Concen: 5.119 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

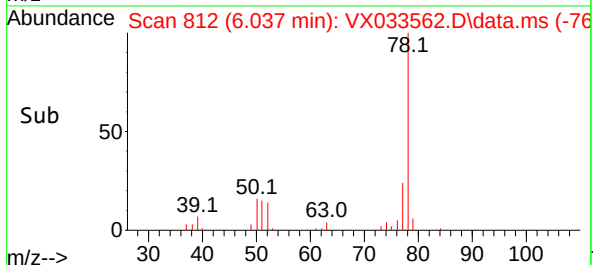
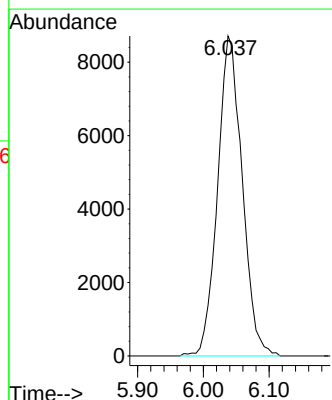
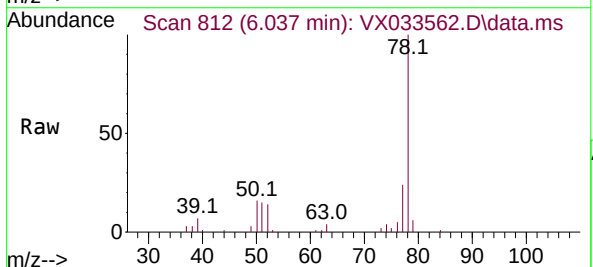
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

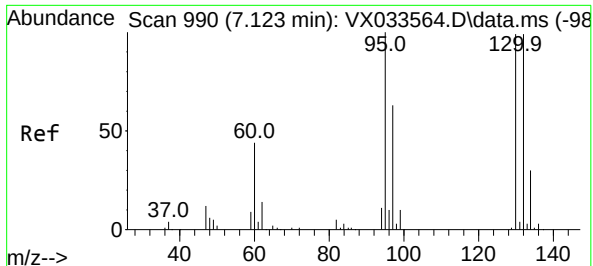
Tgt Ion:117 Resp: 9506
Ion Ratio Lower Upper
117 100
119 96.6 75.9 113.9



#33
Benzene
Concen: 5.040 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 78 Resp: 22690



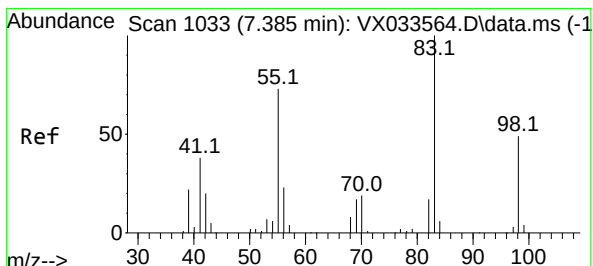
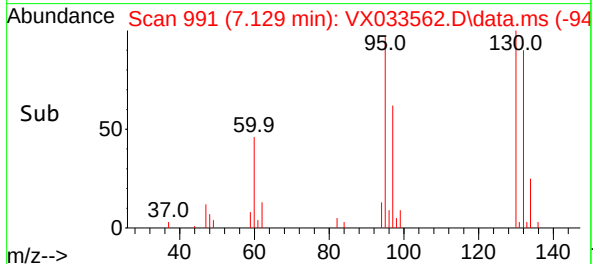
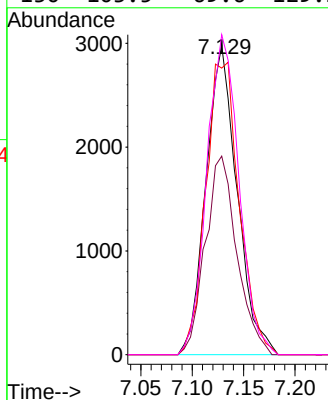
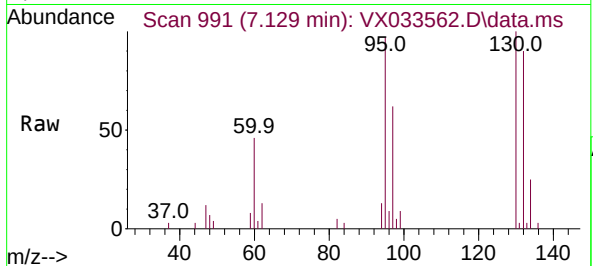


#34
Trichloroethene
Concen: 5.067 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

Tgt Ion: 95 Resp: 6286

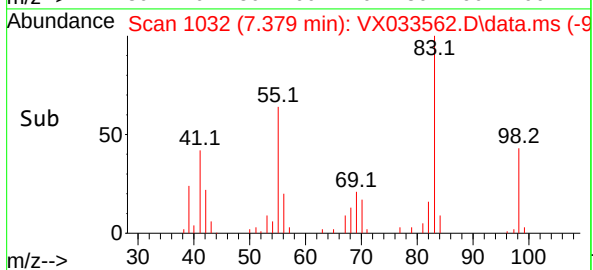
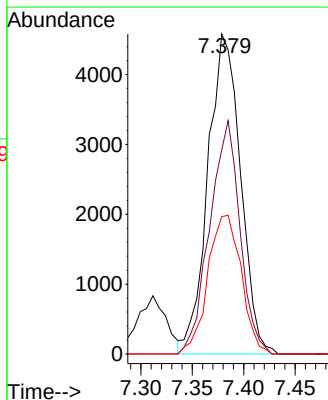
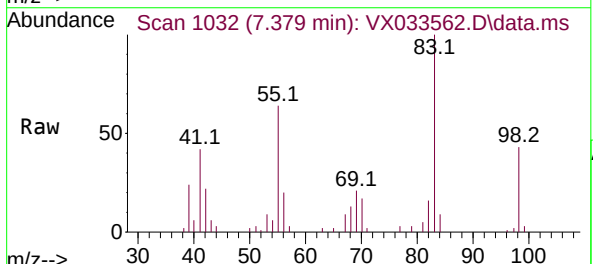
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.2	82.2
132	92.7	69.2	128.4
130	103.5	69.6	129.2

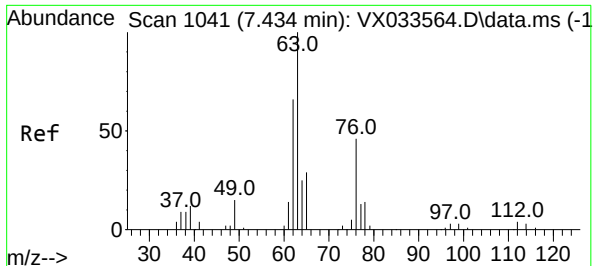


#35
Methylcyclohexane
Concen: 5.119 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 83 Resp: 10118

Ion	Ratio	Lower	Upper
83	100		
55	67.5	56.2	84.2
98	44.4	37.9	56.9





#37

1,2-Dichloropropane

Concen: 5.226 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

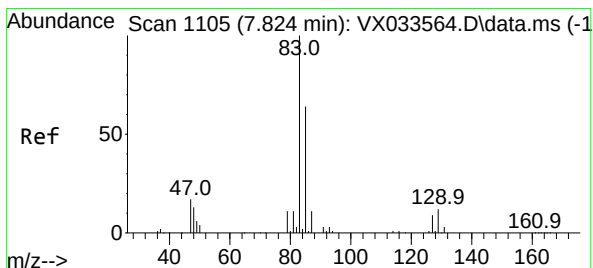
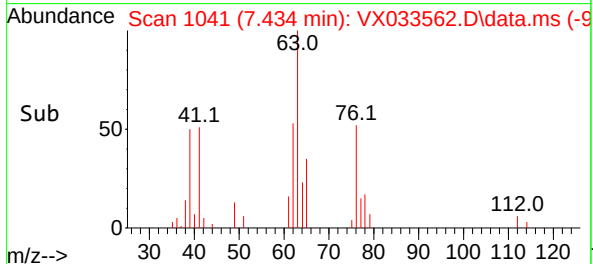
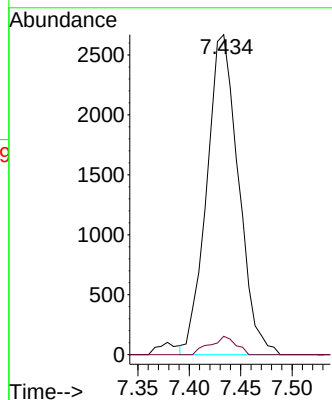
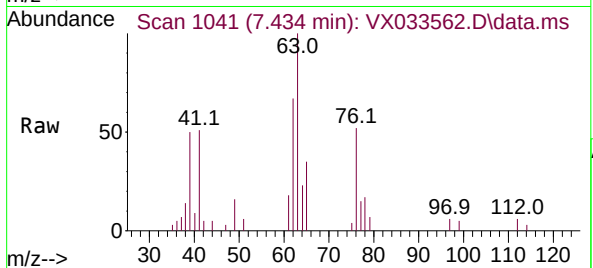
VSTD005607

Tgt Ion: 63 Resp: 5741

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 5.042 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

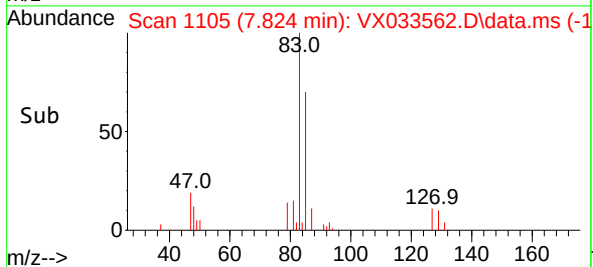
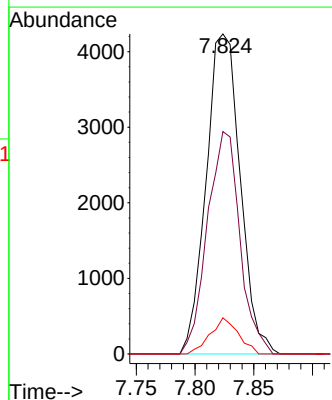
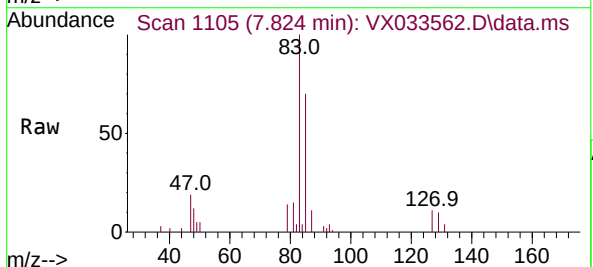
Tgt Ion: 83 Resp: 8545

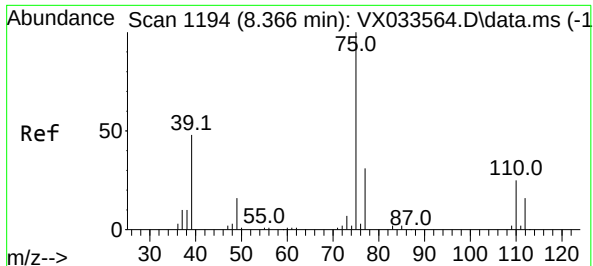
Ion Ratio Lower Upper

83 100

85 69.5 44.7 83.1

127 11.3 7.3 10.9#





#39

cis-1,3-Dichloropropene

Concen: 4.807 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

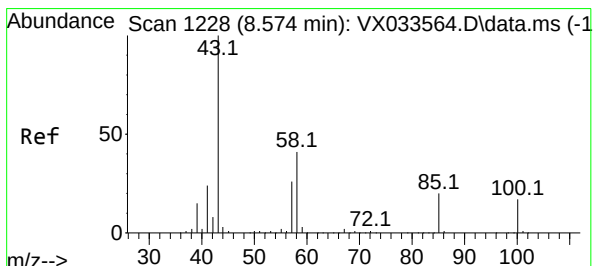
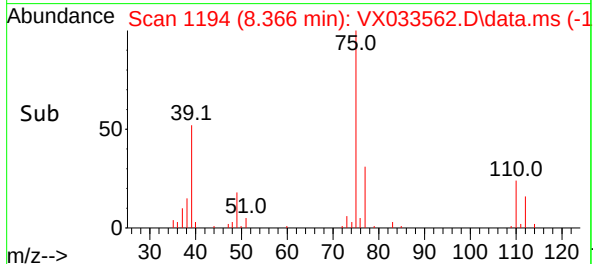
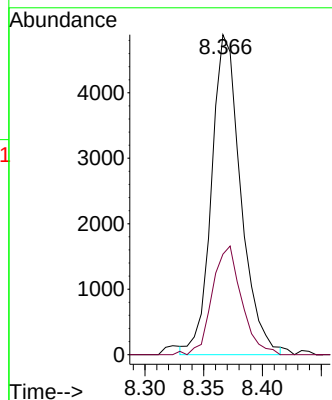
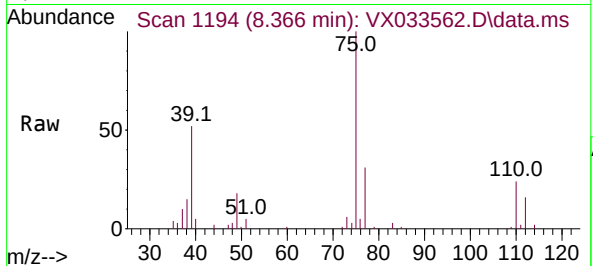
VSTD005607

Tgt Ion: 75 Resp: 8473

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 9.616 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

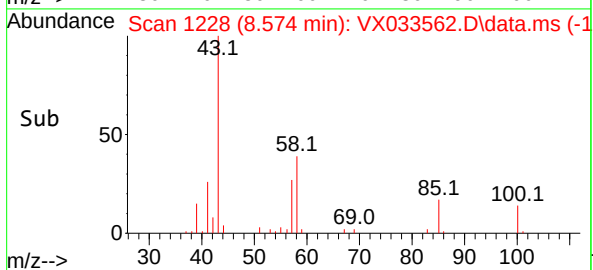
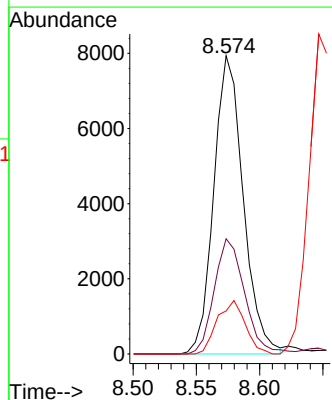
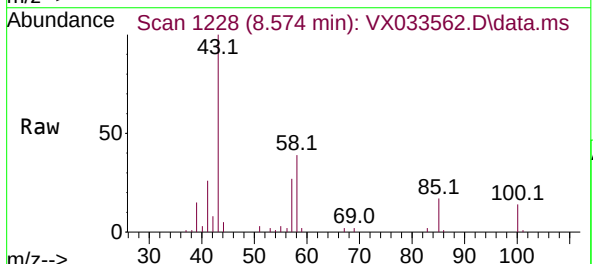
Tgt Ion: 43 Resp: 12842

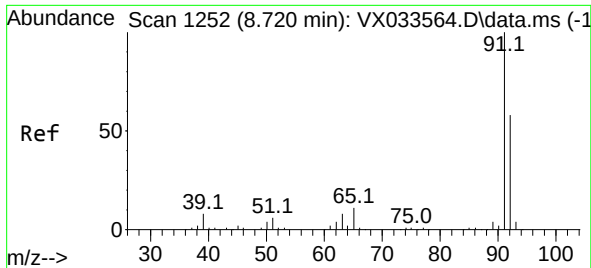
Ion Ratio Lower Upper

43 100

58 39.9 32.6 49.0

100 17.1 13.8 20.8





#42

Toluene

Concen: 4.875 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

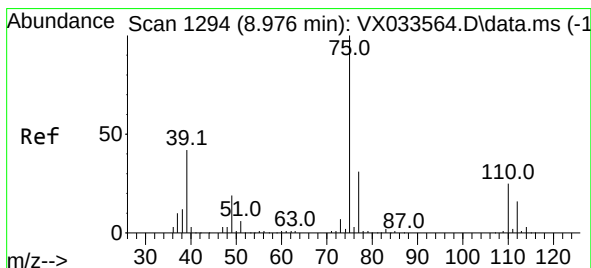
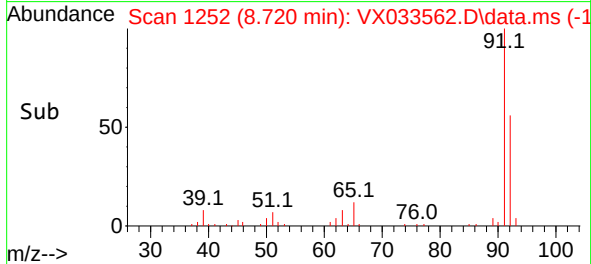
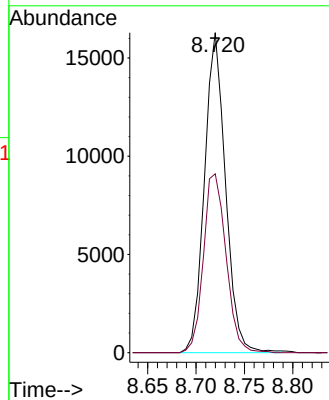
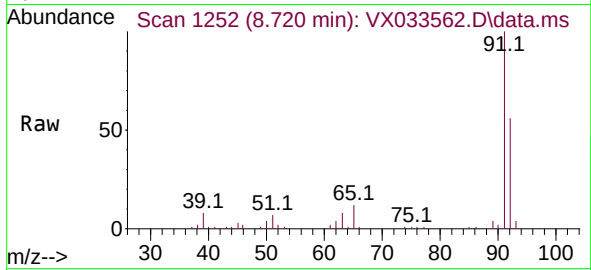
VSTD005607

Tgt Ion: 91 Resp: 24676

Ion Ratio Lower Upper

91 100

92 55.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.528 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX033562.D

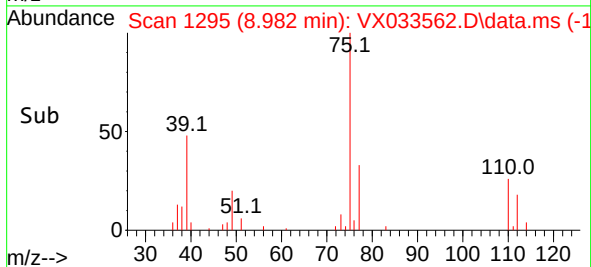
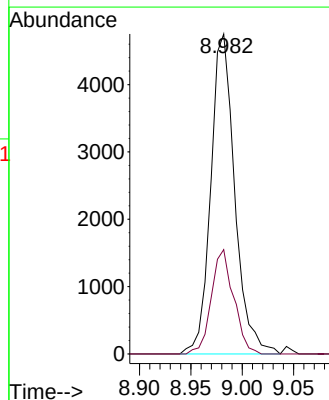
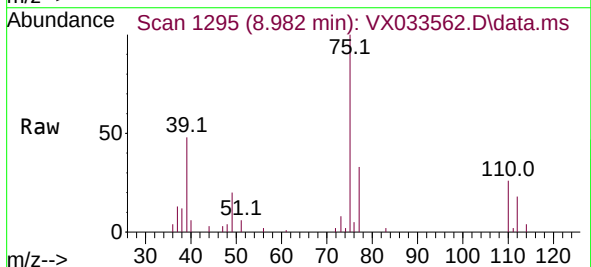
Acq: 27 Dec 2022 13:39

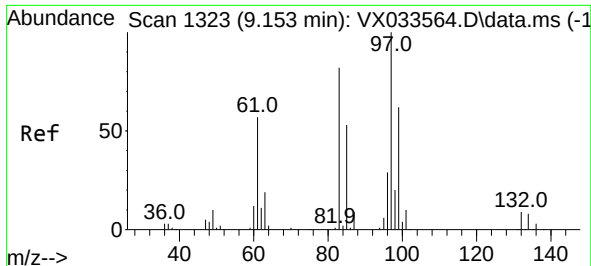
Tgt Ion: 75 Resp: 7710

Ion Ratio Lower Upper

75 100

77 32.6 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.140 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD005607

Tgt Ion: 97 Resp: 6039

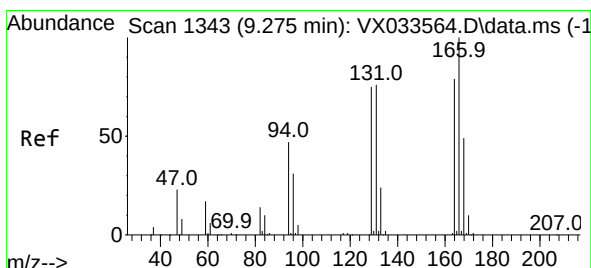
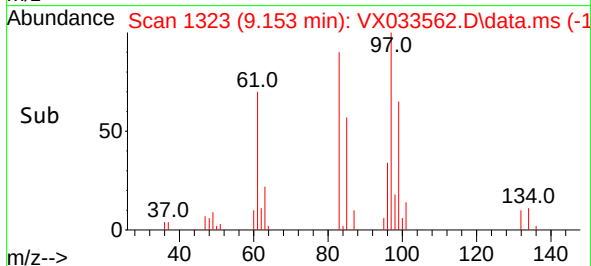
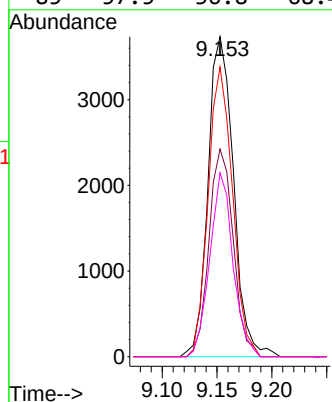
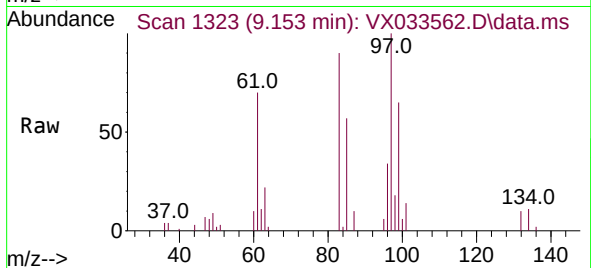
Ion Ratio Lower Upper

97 100

99 64.9 43.6 81.0

83 90.5 57.4 106.6

85 57.5 36.8 68.4



#46

Tetrachloroethene

Concen: 5.008 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Tgt Ion: 164 Resp: 5188

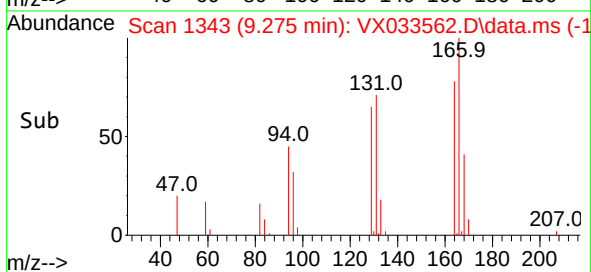
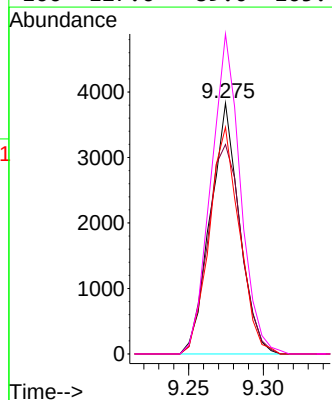
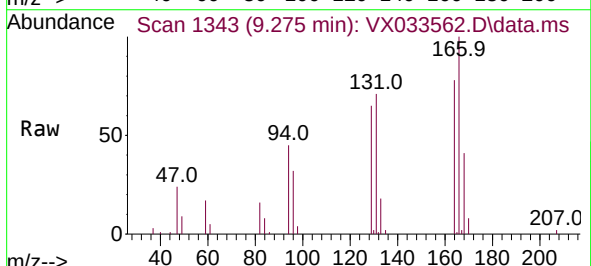
Ion Ratio Lower Upper

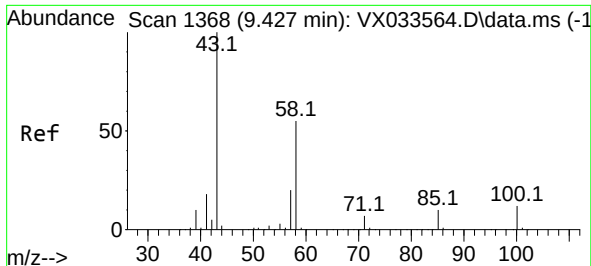
164 100

129 83.5 66.4 123.2

131 90.4 67.8 125.8

166 127.6 89.0 165.4

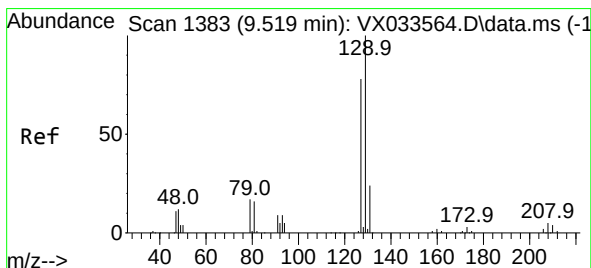
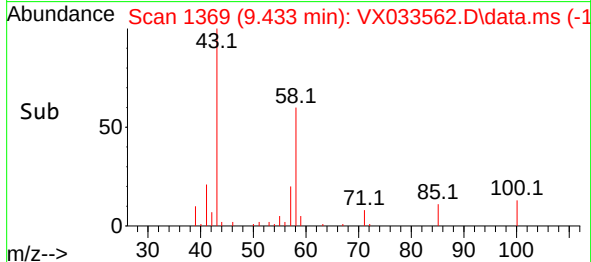
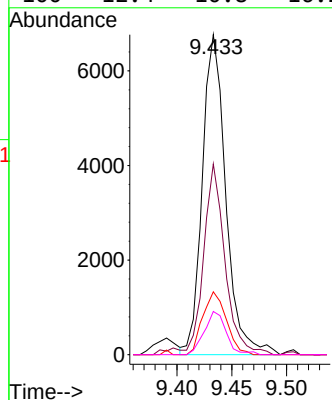
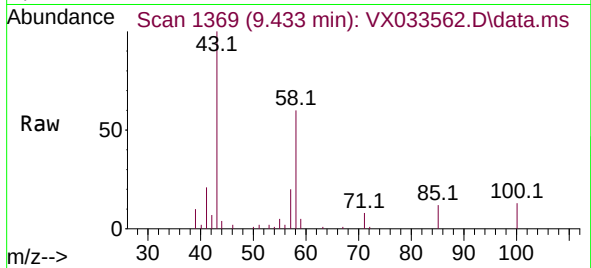




#48
2-Hexanone
Concen: 9.794 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

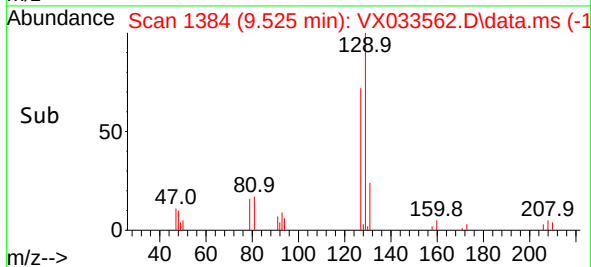
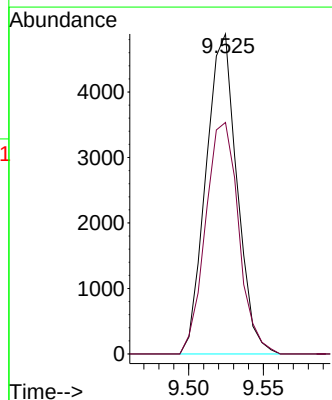
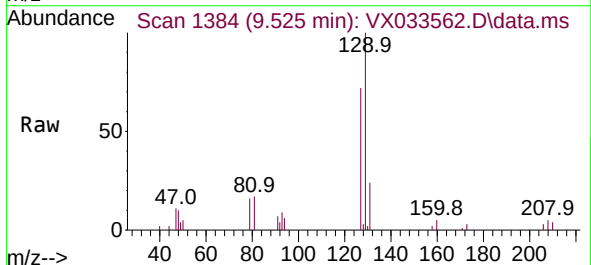
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

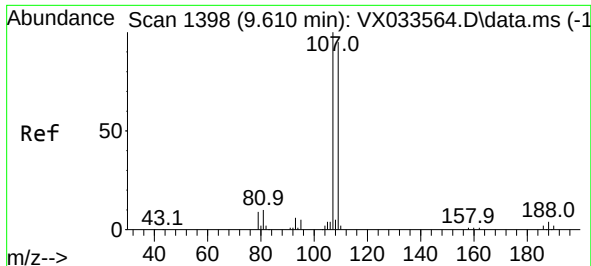
Tgt Ion: 43	Resp: 10093
Ion Ratio	Lower Upper
43 100	
58 53.9	43.7 65.5
57 19.7	15.9 23.9
100 12.4	10.8 16.2



#49
Dibromochloromethane
Concen: 4.852 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion:129	Resp:	7065	
Ion	Ratio	Lower	Upper
129	100		
127	72.3	54.5	101.3





#50

1,2-Dibromoethane

Concen: 4.892 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD005607

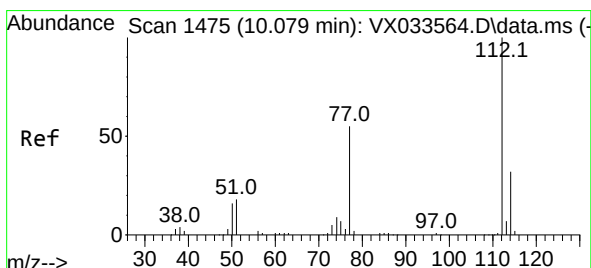
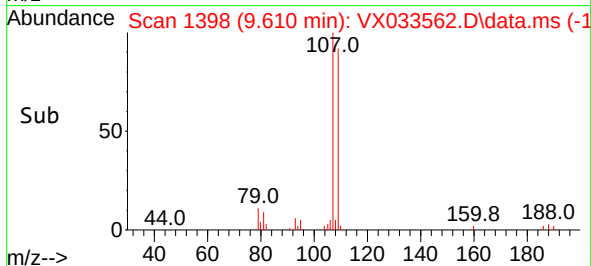
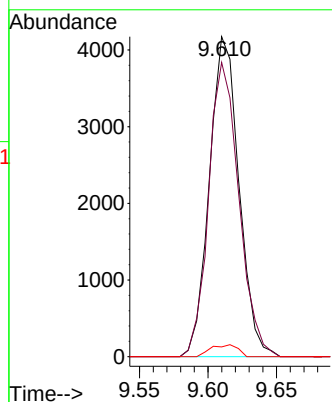
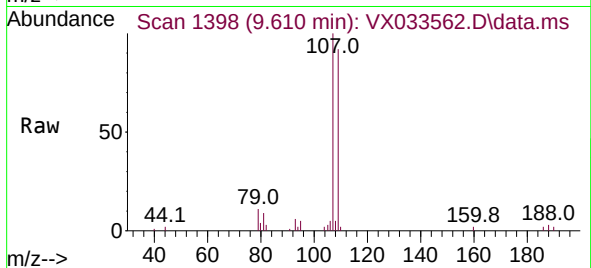
Tgt Ion:107 Resp: 6278

Ion Ratio Lower Upper

107 100

109 92.0 66.4 123.2

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 4.986 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

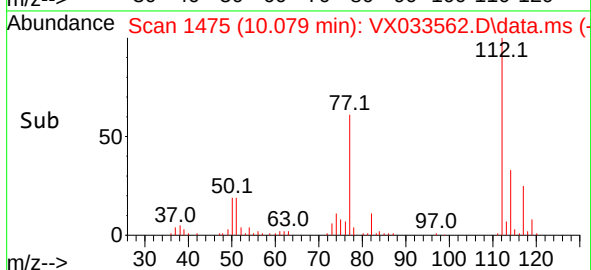
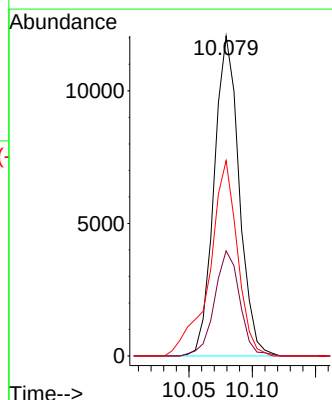
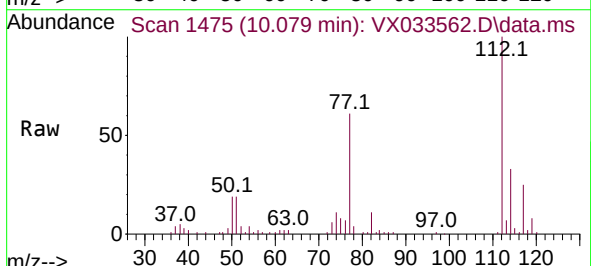
Tgt Ion:112 Resp: 16625

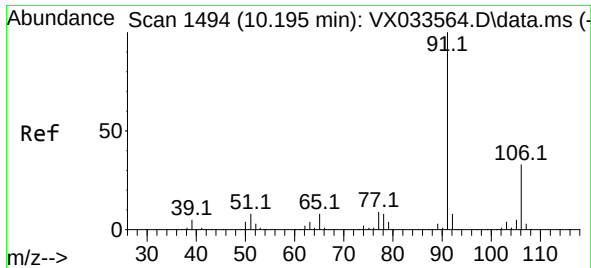
Ion Ratio Lower Upper

112 100

114 32.9 22.7 42.1

77 61.1 44.7 67.1

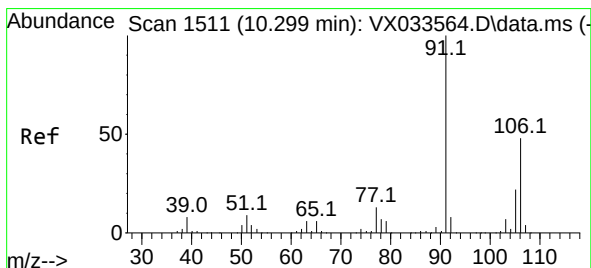
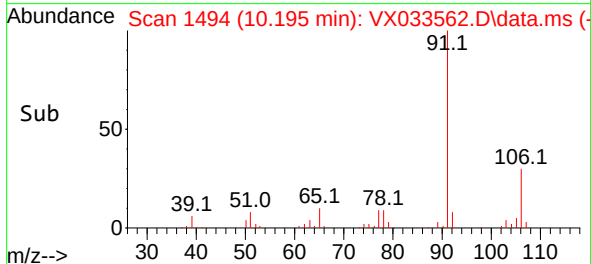
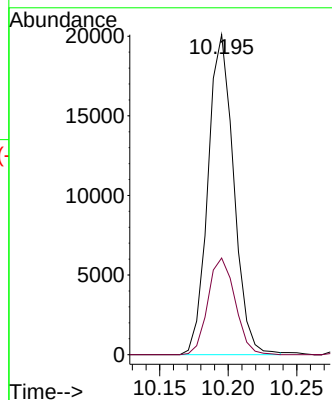
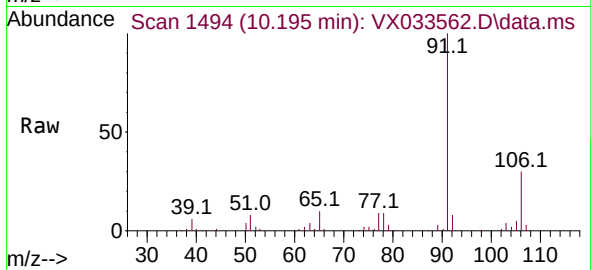




#52
Ethylbenzene
Concen: 4.748 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

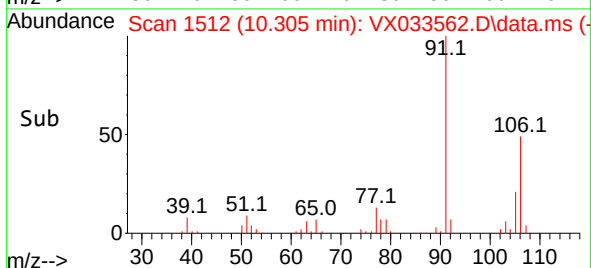
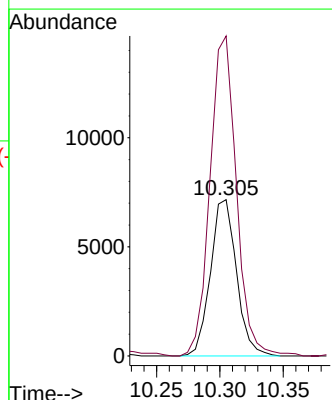
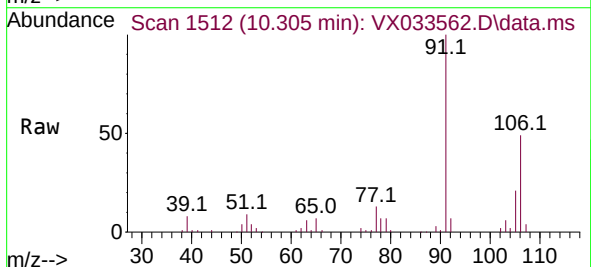
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

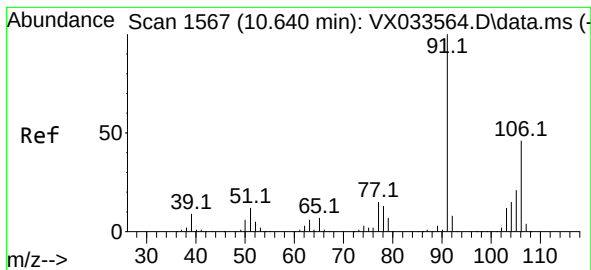
Tgt Ion: 91 Resp: 26263
Ion Ratio Lower Upper
91 100
106 30.2 23.1 42.9



#53
m,p-Xylene
Concen: 4.682 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 106 Resp: 10260
Ion Ratio Lower Upper
106 100
91 204.7 145.9 271.1





#54

o-Xylene

Concen: 4.837 ug/L

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

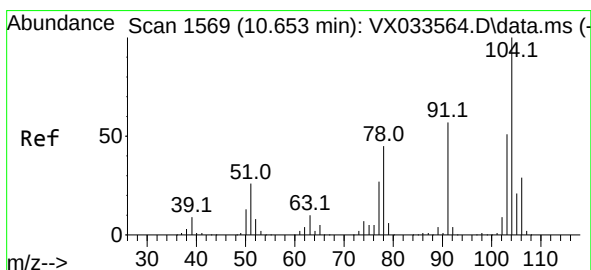
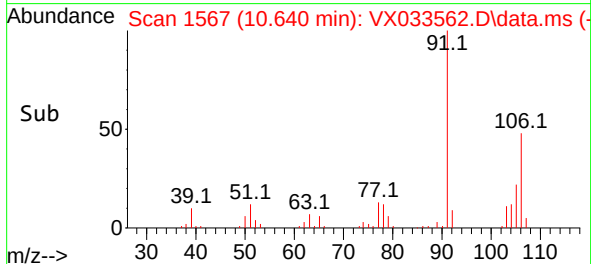
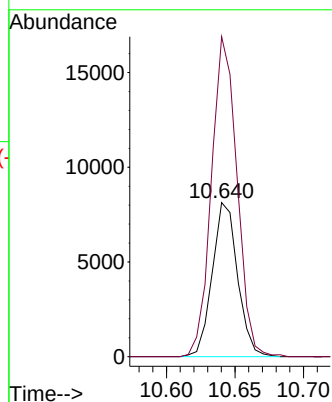
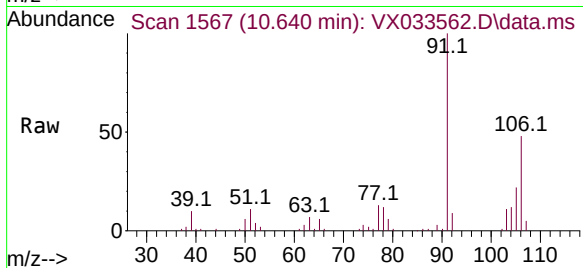
VSTD005607

Tgt Ion:106 Resp: 10456

Ion Ratio Lower Upper

106 100

91 207.7 152.3 282.9



#55

Styrene

Concen: 4.442 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX033562.D

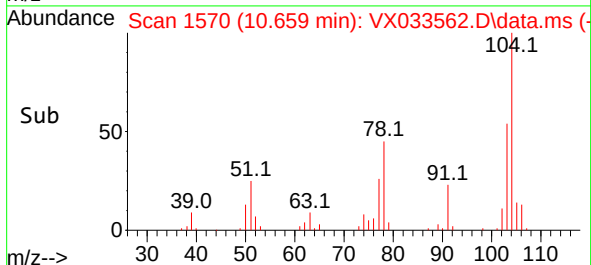
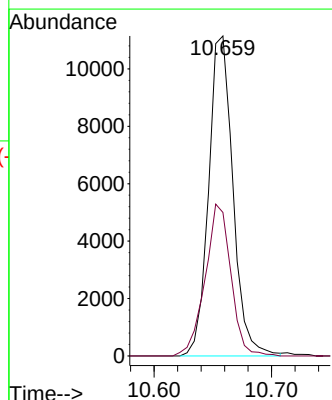
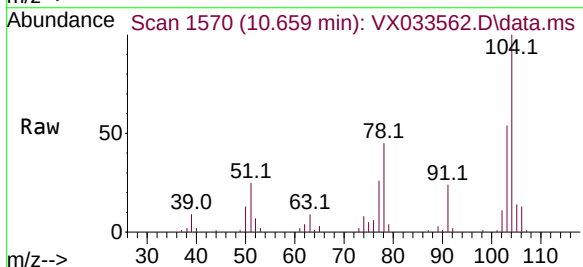
Acq: 27 Dec 2022 13:39

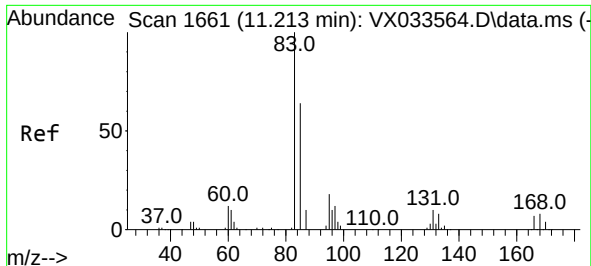
Tgt Ion:104 Resp: 16059

Ion Ratio Lower Upper

104 100

78 44.9 31.8 59.0

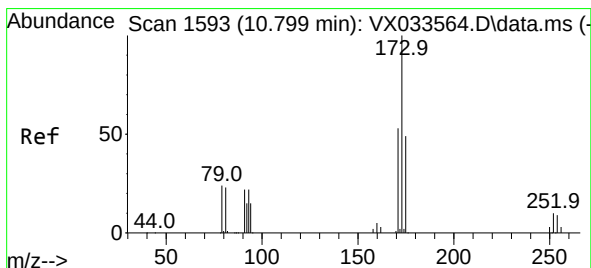
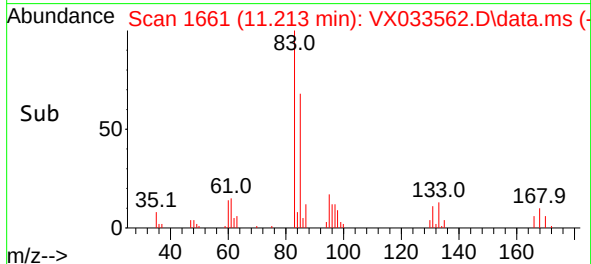
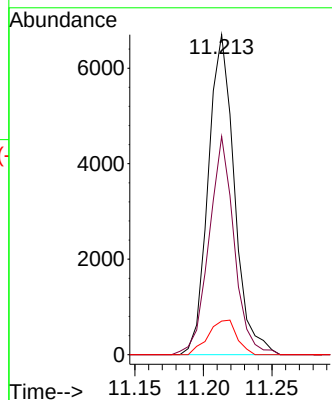
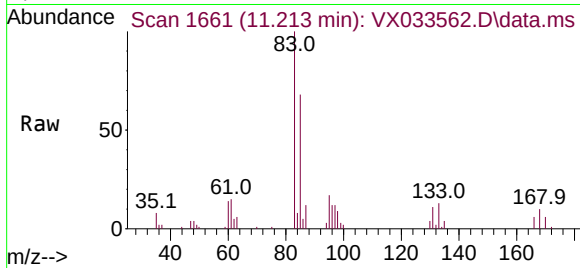




#57
1,1,2,2-Tetrachloroethane
Concen: 5.059 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

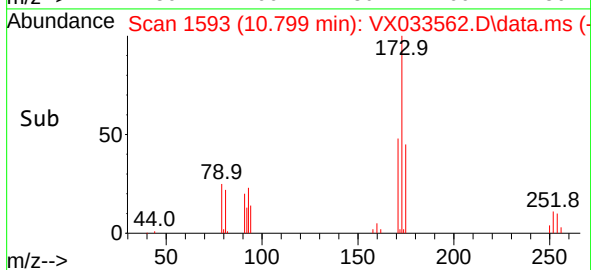
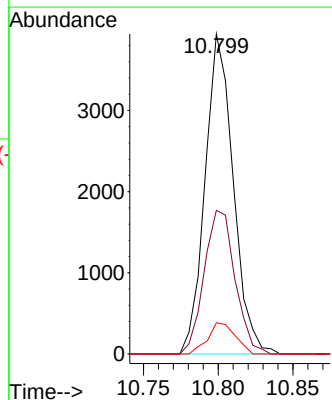
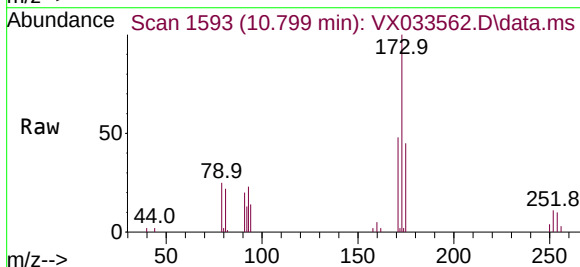
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

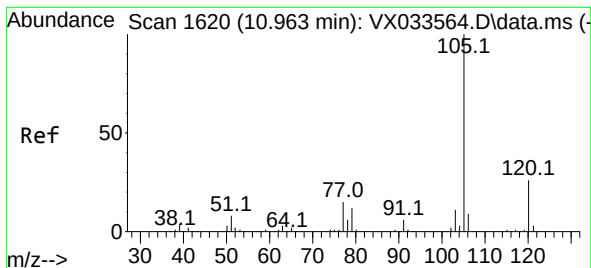
Tgt Ion: 83 Resp: 8907
Ion Ratio Lower Upper
83 100
85 68.2 44.9 83.5
131 10.5 8.4 12.6



#59
Bromoform
Concen: 5.053 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 173 Resp: 5171
Ion Ratio Lower Upper
173 100
175 49.1 39.7 59.5
254 9.5 7.4 11.0





#60

Isopropylbenzene

Concen: 4.943 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD005607

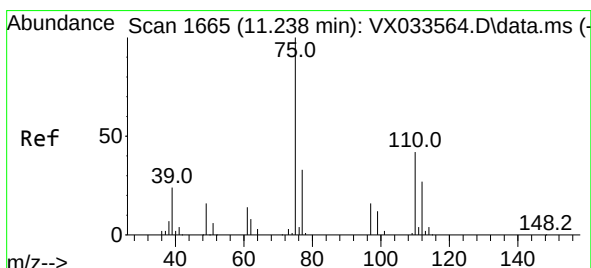
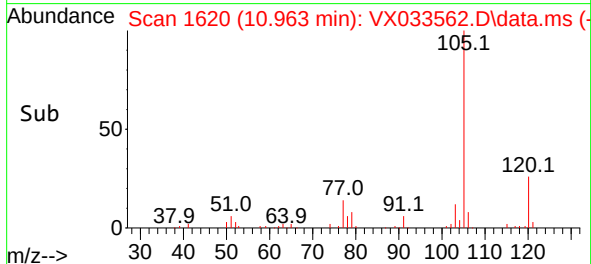
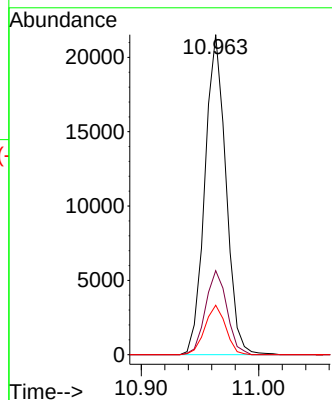
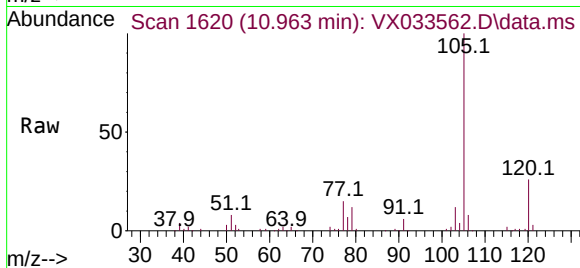
Tgt Ion:105 Resp: 26750

Ion Ratio Lower Upper

105 100

120 26.7 21.2 31.8

77 15.3 11.9 17.9



#61

1,2,3-Trichloropropane

Concen: 5.355 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

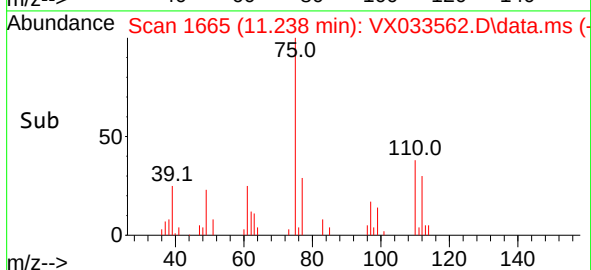
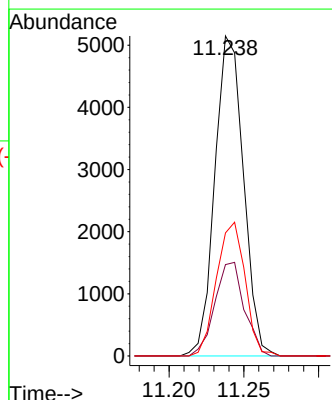
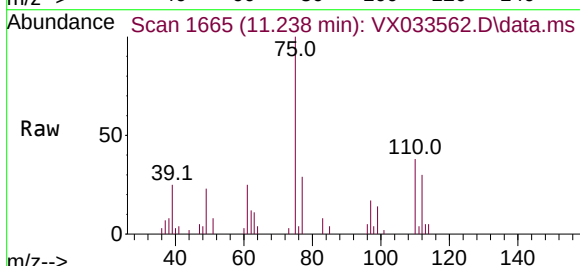
Tgt Ion: 75 Resp: 6857

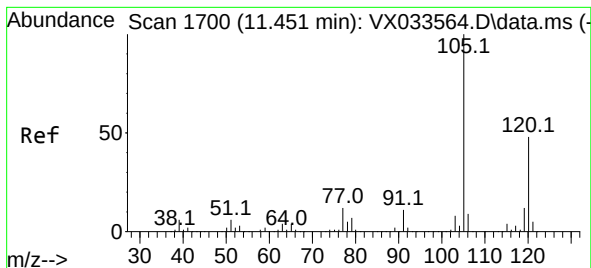
Ion Ratio Lower Upper

75 100

77 30.2 25.9 38.9

110 41.7 33.8 50.6

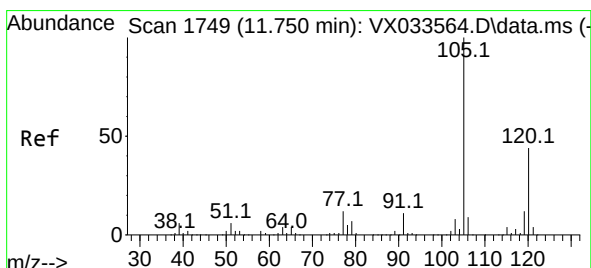
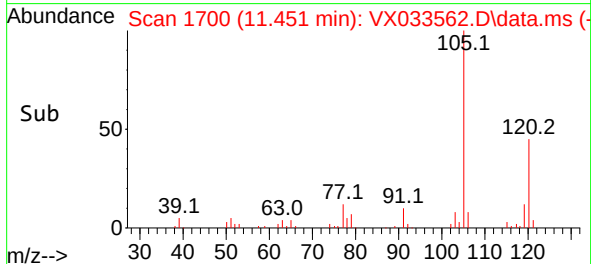
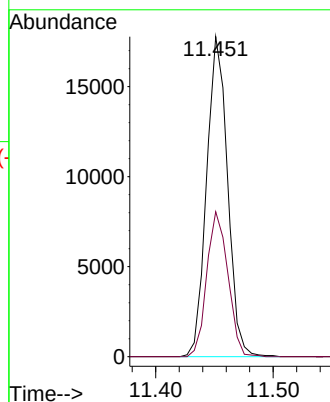
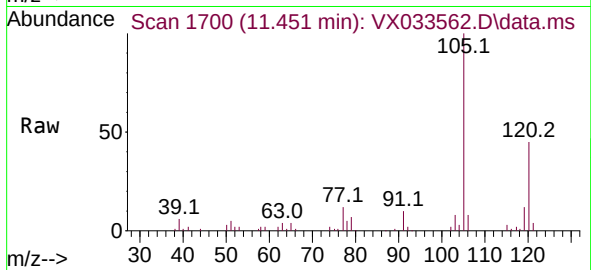




#62
1,3,5-Trimethylbenzene
Concen: 4.858 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

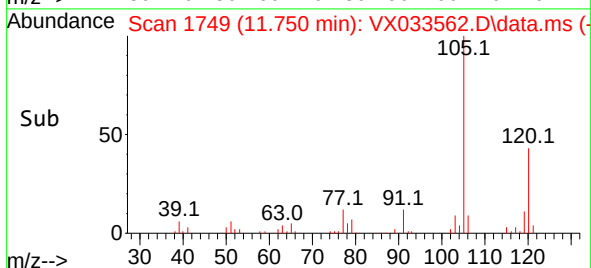
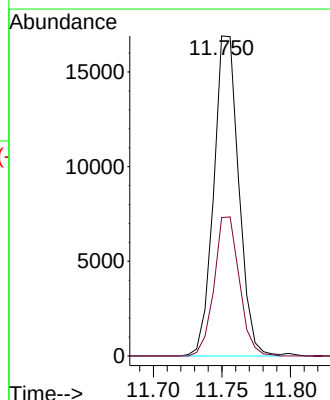
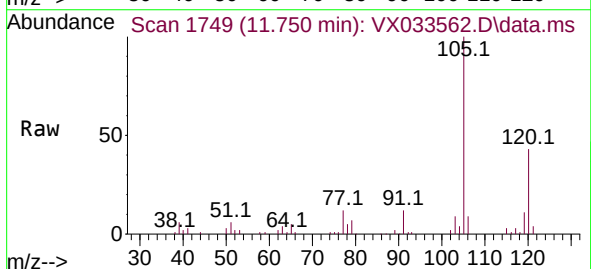
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

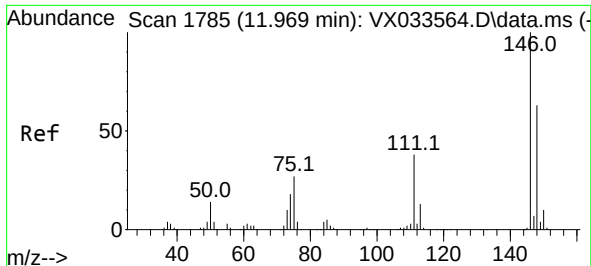
Tgt Ion:105 Resp: 22027
Ion Ratio Lower Upper
105 100
120 45.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.815 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion:105 Resp: 21484
Ion Ratio Lower Upper
105 100
120 43.7 35.8 53.6

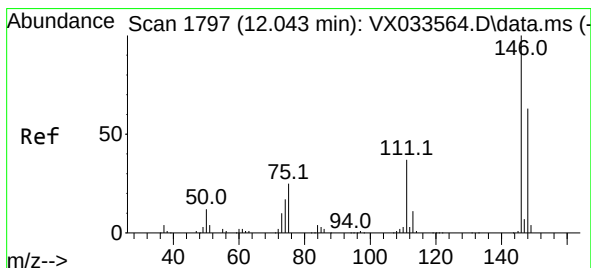
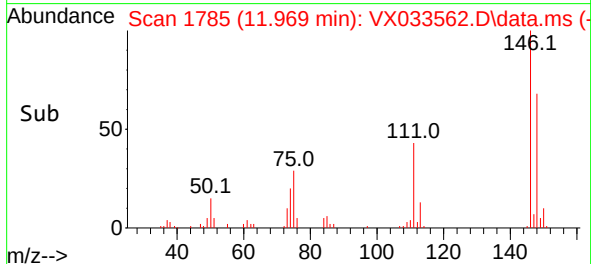
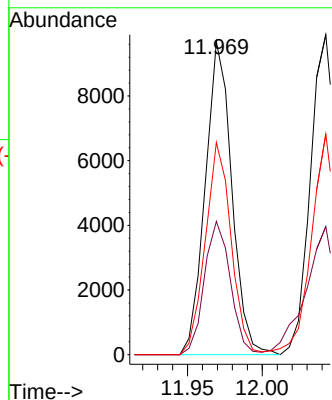
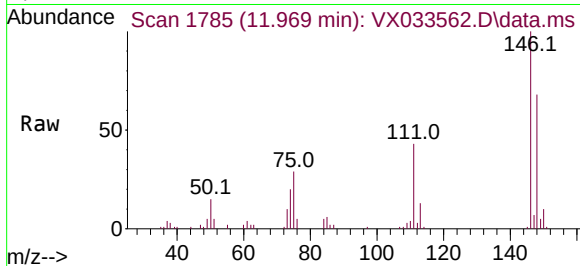




#64
1,3-Dichlorobenzene
Concen: 4.927 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

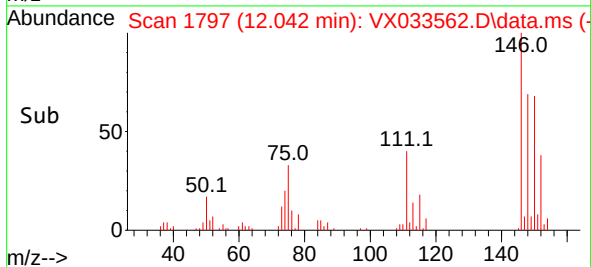
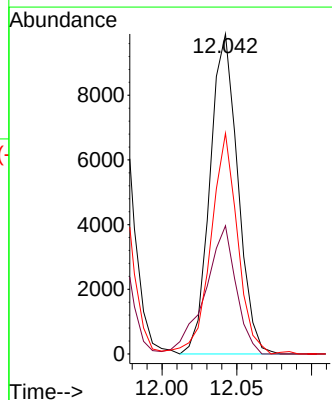
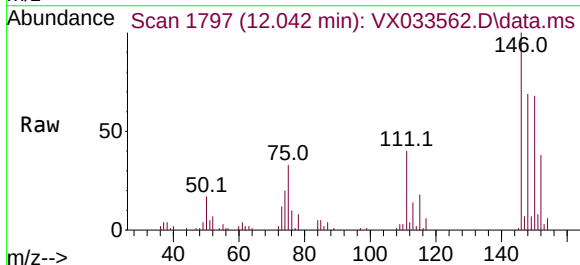
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

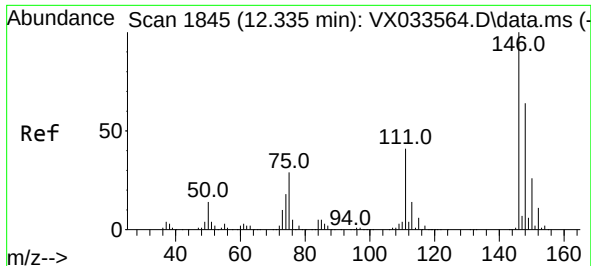
Tgt Ion:146 Resp: 11973
Ion Ratio Lower Upper
146 100
111 42.5 26.8 49.8
148 67.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 5.176 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion:146 Resp: 12803
Ion Ratio Lower Upper
146 100
111 40.1 25.9 48.1
148 68.9 44.4 82.5

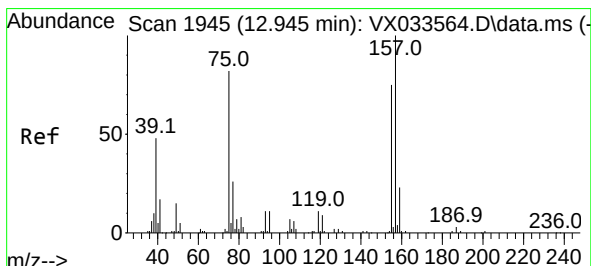
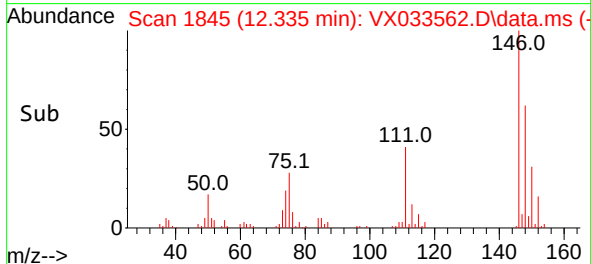
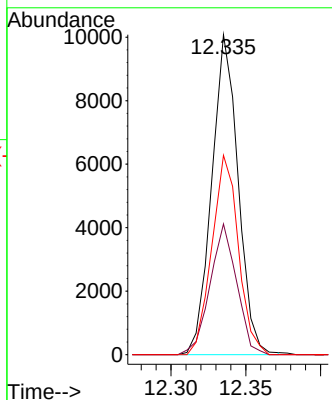
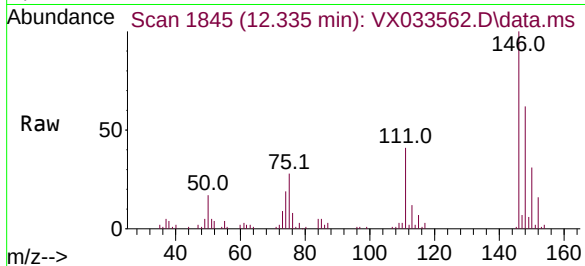




#67
1,2-Dichlorobenzene
Concen: 5.091 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

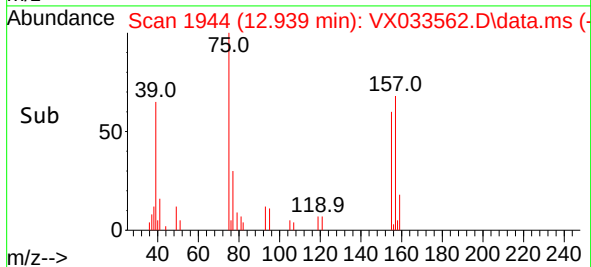
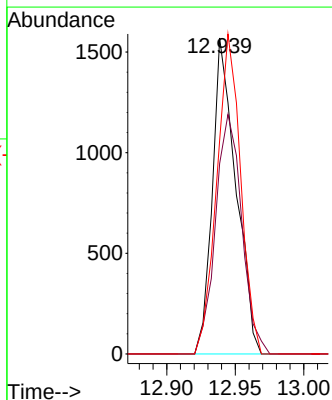
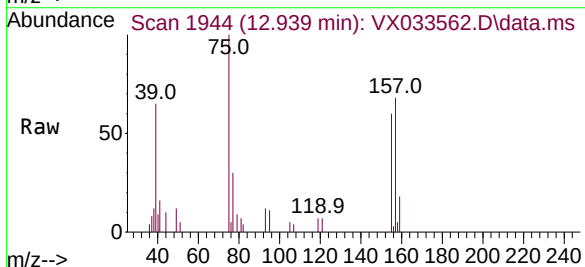
Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

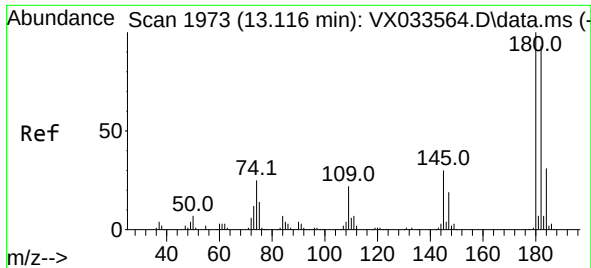
Tgt Ion:146 Resp: 12366
Ion Ratio Lower Upper
146 100
111 40.8 33.0 49.4
148 62.3 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.117 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion: 75 Resp: 1870
Ion Ratio Lower Upper
75 100
155 60.3 72.9 109.3#
157 67.6 97.7 146.5#





#69

1,3,5-Trichlorobenzene

Concen: 4.869 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD005607

Tgt Ion:180 Resp: 8298

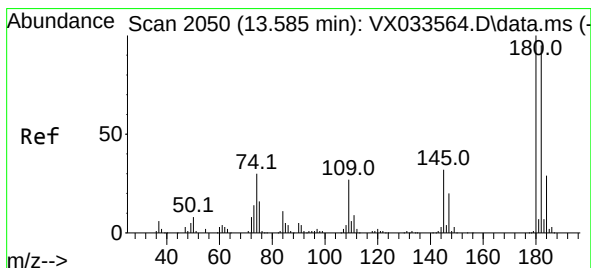
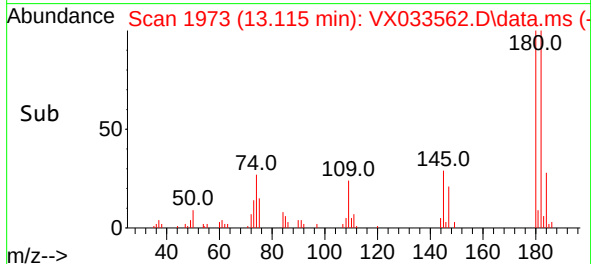
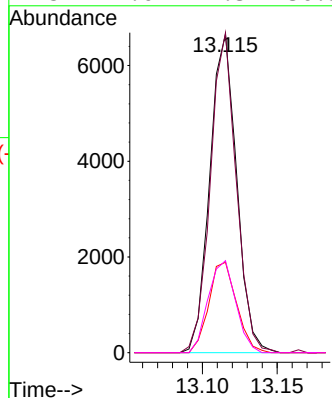
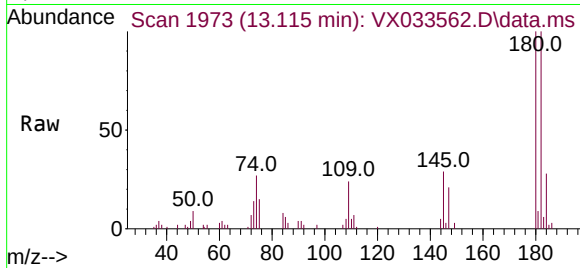
Ion Ratio Lower Upper

180 100

182 96.9 74.5 111.7

184 29.5 24.3 36.5

145 29.6 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.831 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033562.D

Acq: 27 Dec 2022 13:39

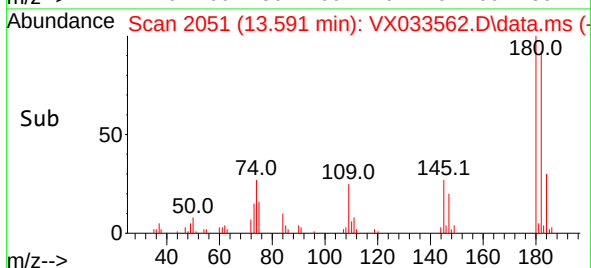
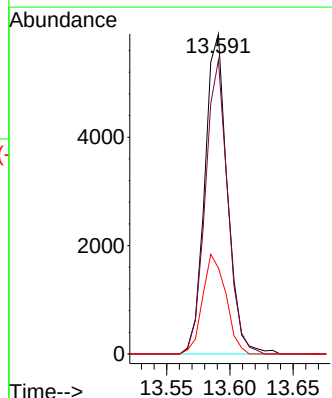
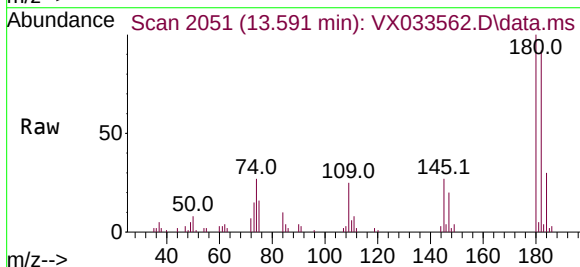
Tgt Ion:180 Resp: 7338

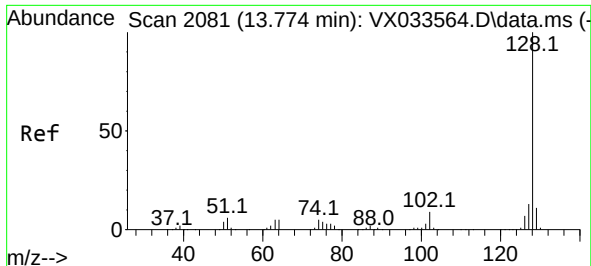
Ion Ratio Lower Upper

180 100

182 91.2 76.7 115.1

145 32.1 25.4 38.0

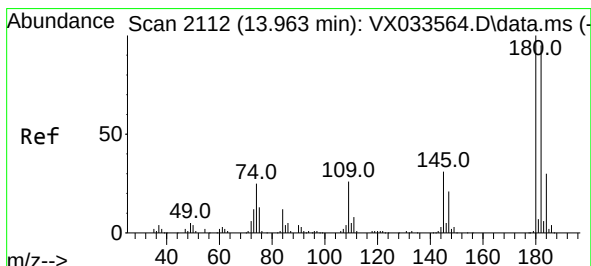
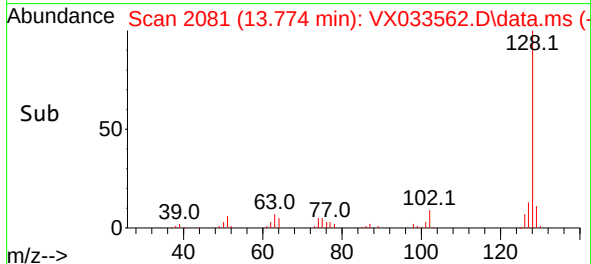
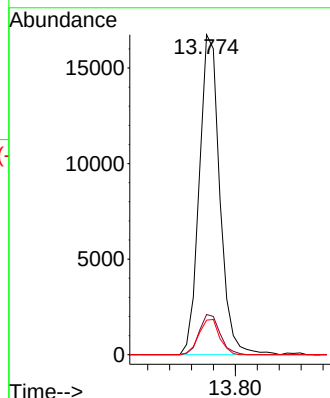
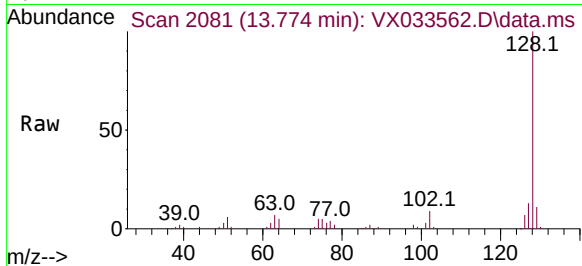




#71
Naphthalene
Concen: 4.502 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTD005607

Tgt Ion:	128	Resp:	21786
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.822 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033562.D
Acq: 27 Dec 2022 13:39

Tgt Ion:	180	Resp:	7340
Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.1	114.1
145	32.5	25.9	38.9

