

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033563.D
 Acq On : 27 Dec 2022 14:02
 Operator : JC/MD
 Sample : VSTD01008
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010608

Quant Time: Dec 28 01:47:39 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	184646	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	162959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81831	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	9055	10.016	ug/L	0.00
7) Chloroethane-d5	1.672	69	7436	8.733	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	16289	8.558	ug/L	0.00
21) 2-Butanone-d5	4.465	46	13049	19.347	ug/L	0.00
24) Chloroform-d	5.062	84	24104	10.026	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	15481	10.239	ug/L	0.00
32) Benzene-d6	5.976	84	45391	10.204	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	13332	10.153	ug/L	0.00
41) Toluene-d8	8.653	98	44452	10.118	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5955	9.255	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	9329	18.641	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17915	9.861	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	15529	9.564	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13154	10.217	ug/L	100
3) Chloromethane	1.294	50	9945	10.293	ug/L	97
5) Vinyl chloride	1.374	62	10254	9.643	ug/L	98
6) Bromomethane	1.617	94	6422	9.610	ug/L	99
8) Chloroethane	1.691	64	6671	9.069	ug/L	98
9) Trichlorofluoromethane	1.892	101	17063	10.612	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9081	8.665	ug/L	94
12) 1,1-Dichloroethene	2.325	96	8562	8.969	ug/L #	77
13) Acetone	2.392	43	8244	16.913	ug/L	99
14) Carbon disulfide	2.514	76	32142	10.845	ug/L	99
15) Methyl Acetate	2.709	43	9410	10.530	ug/L	98
16) Methylene chloride	2.788	84	11017	10.562	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	11221	10.403	ug/L	86
18) Methyl tert-butyl Ether	3.111	73	33543	10.501	ug/L	98
19) 1,1-Dichloroethane	3.611	63	19701	10.195	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	12660	10.094	ug/L	97
22) 2-Butanone	4.574	43	14758	19.975	ug/L	96
23) Bromochloromethane	4.903	128	6805	10.274	ug/L	96
25) Chloroform	5.099	83	22238	10.050	ug/L	93
27) 1,2-Dichloroethane	6.092	62	18134	10.535	ug/L	100
29) Cyclohexane	5.477	56	17460	10.021	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	20464	10.207	ug/L	99
31) Carbon tetrachloride	5.684	117	18829	10.180	ug/L	100
33) Benzene	6.044	78	46463	10.362	ug/L	100
34) Trichloroethene	7.123	95	12535	10.145	ug/L	97
35) Methylcyclohexane	7.385	83	19313	9.809	ug/L	99
37) 1,2-Dichloropropane	7.434	63	11104	10.148	ug/L	98
38) Bromodichloromethane	7.824	83	17358	10.283	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	16735	9.533	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	26134	19.648	ug/L	99
42) Toluene	8.720	91	50811	10.079	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	15977	9.420	ug/L	99

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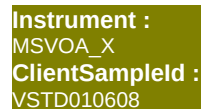
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
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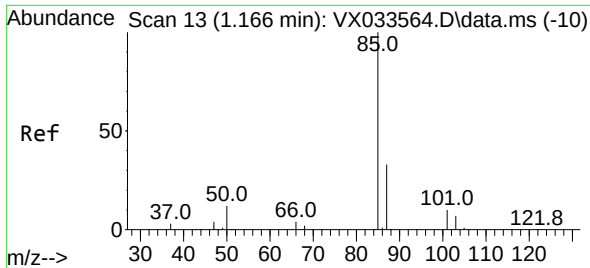
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	11492	9.821	ug/L	96
46) Tetrachloroethene	9.275	164	10342	10.023	ug/L	94
48) 2-Hexanone	9.433	43	19912	19.400	ug/L	99
49) Dibromochloromethane	9.525	129	14455	9.968	ug/L	96
50) 1,2-Dibromoethane	9.610	107	12815	10.026	ug/L	94
51) Chlorobenzene	10.079	112	33352	10.043	ug/L	98
52) Ethylbenzene	10.195	91	54268	9.849	ug/L	100
53) m,p-Xylene	10.305	106	21349	9.781	ug/L	96
54) o-Xylene	10.640	106	20538	9.539	ug/L	98
55) Styrene	10.659	104	34051	9.456	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	17359	9.900	ug/L	98
59) Bromoform	10.799	173	10148	9.679	ug/L	100
60) Isopropylbenzene	10.963	105	54988	9.918	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	13345	10.173	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	44186	9.512	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	43954	9.615	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	24356	9.783	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	24857	9.808	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	25094	10.084	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	3875	10.349	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	16945	9.704	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	14617	9.392	ug/L	99
71) Naphthalene	13.780	128	46092	9.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	14831	9.509	ug/L	95

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

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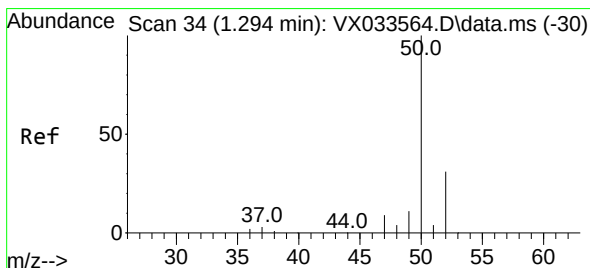
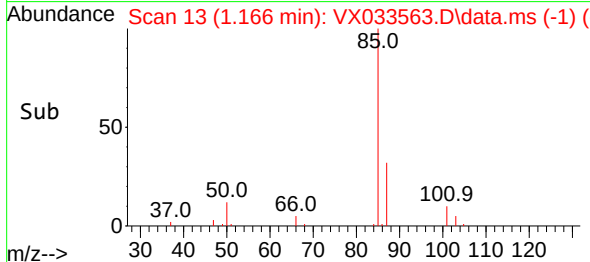
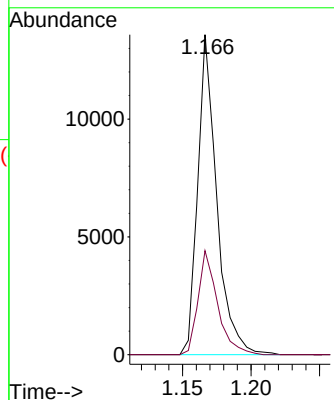
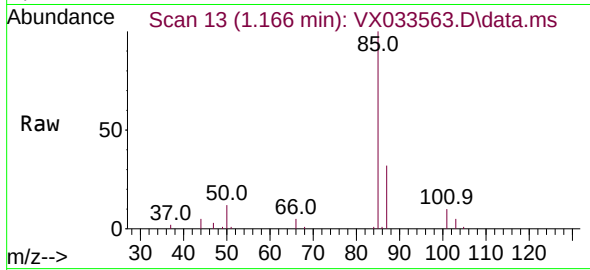




#2
 Dichlorodifluoromethane
 Concen: 10.217 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

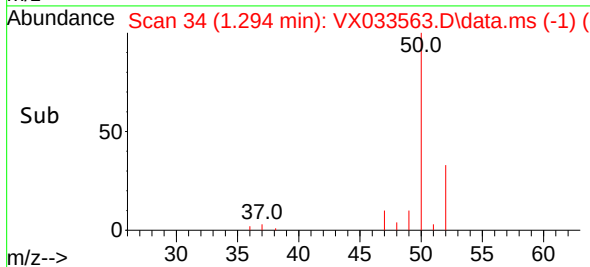
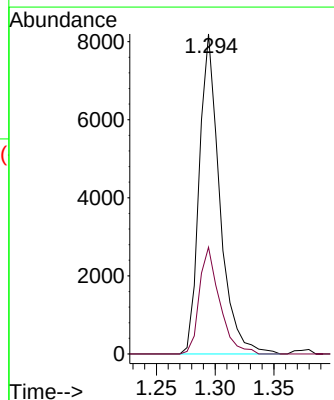
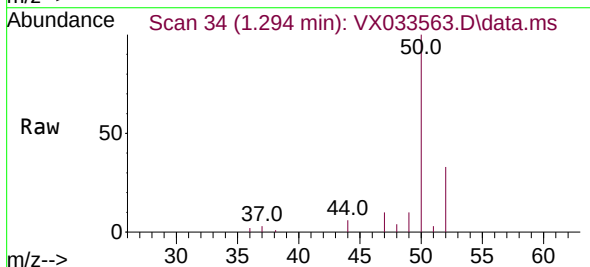
Instrument :
 MSVOA_X
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 VSTD010608

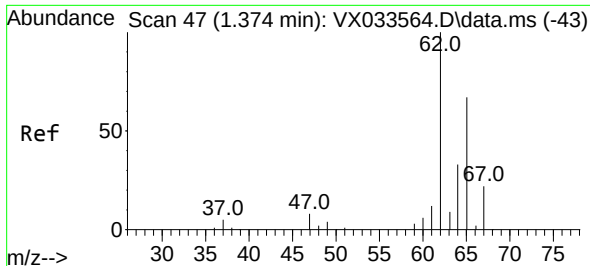
Tgt Ion: 85 Resp: 13154
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.7 40.1



#3
 Chloromethane
 Concen: 10.293 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

Tgt Ion: 50 Resp: 9945
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.0 41.0

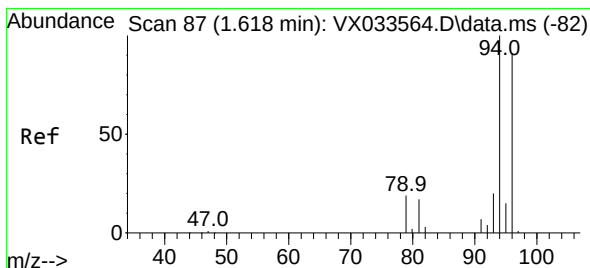
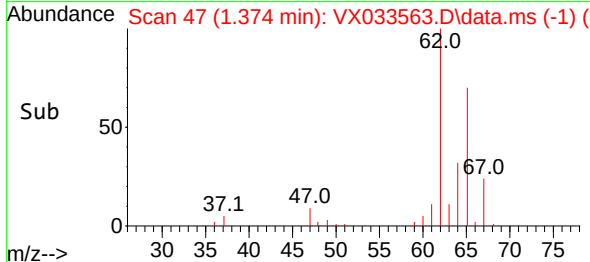
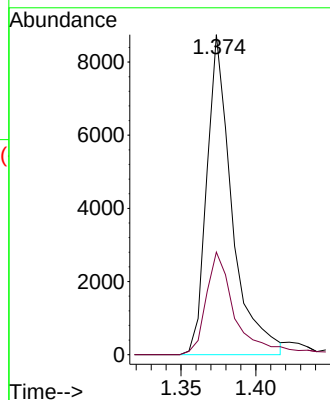
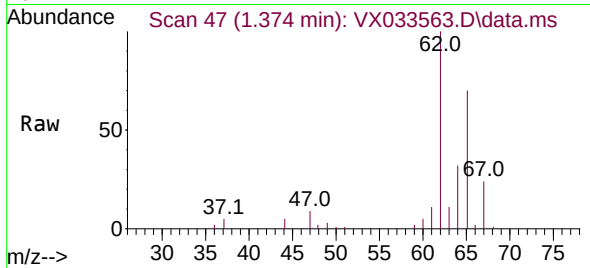




#5
 Vinyl chloride
 Concen: 9.643 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

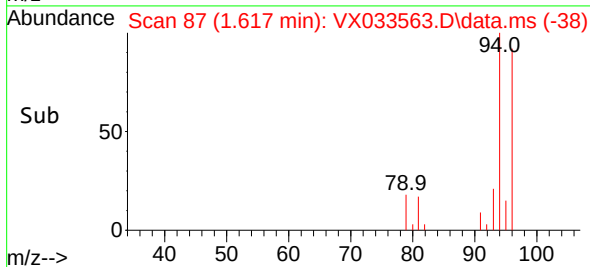
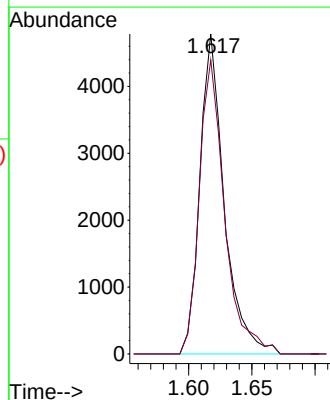
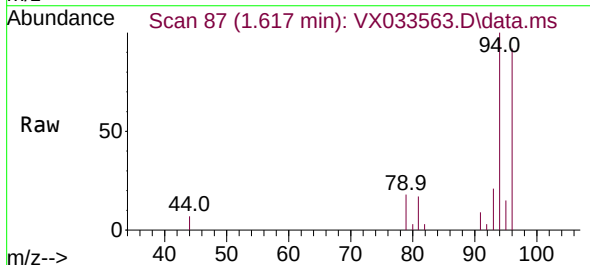
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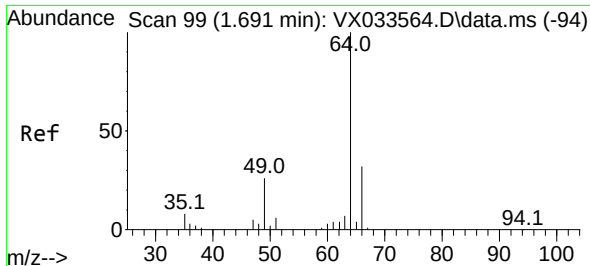
Tgt Ion: 62 Resp: 10254
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.4



#6
 Bromomethane
 Concen: 9.610 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

Tgt Ion: 94 Resp: 6422
 Ion Ratio Lower Upper
 94 100
 96 91.9 63.5 117.9

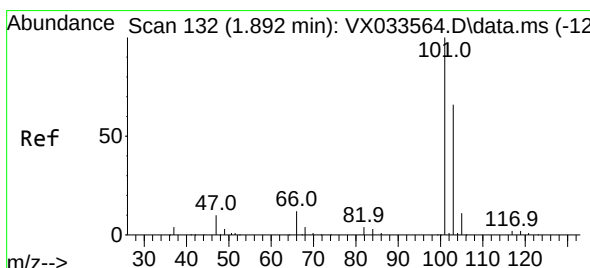
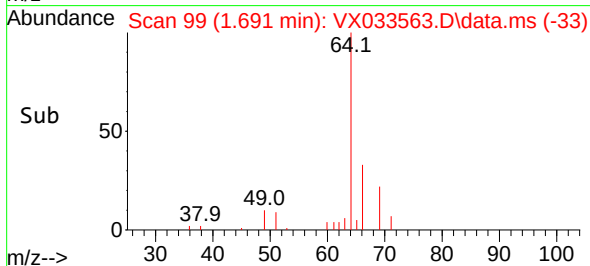
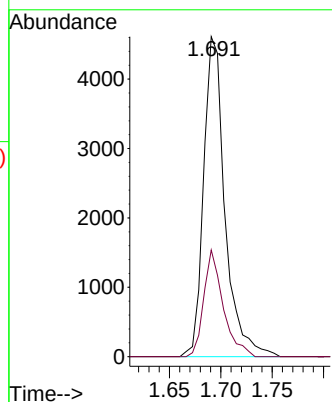
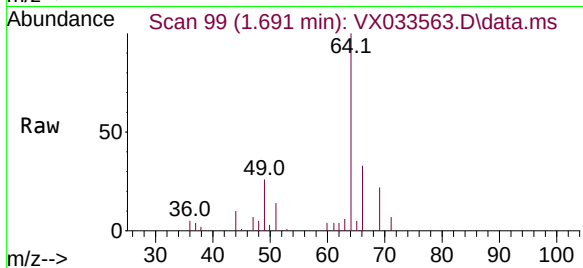




#8
Chloroethane
Concen: 9.069 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

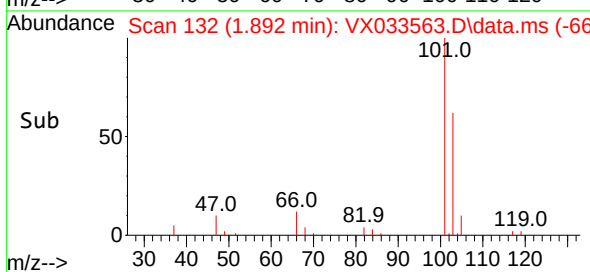
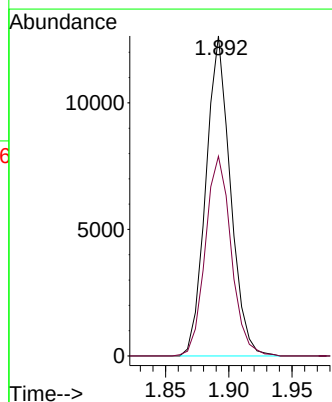
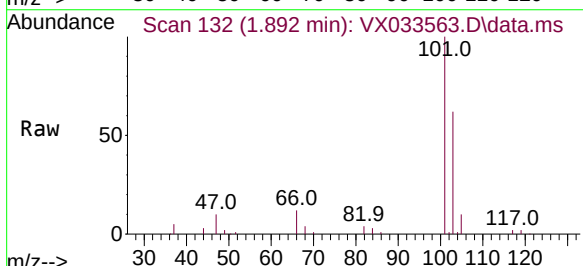
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ClientSampleId :
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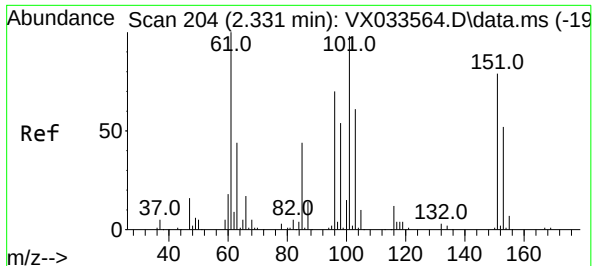
Tgt Ion: 64 Resp: 6671
Ion Ratio Lower Upper
64 100
66 33.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 10.612 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion:101 Resp: 17063
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.4

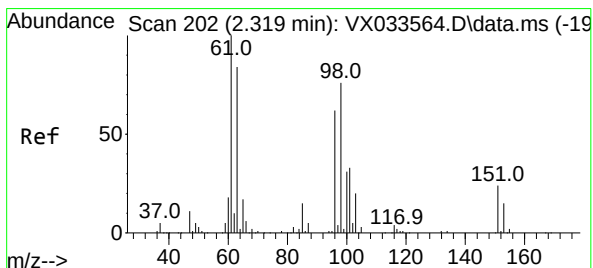
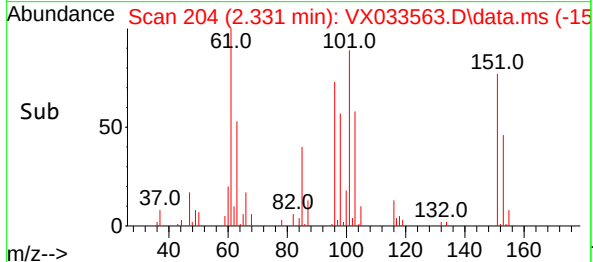
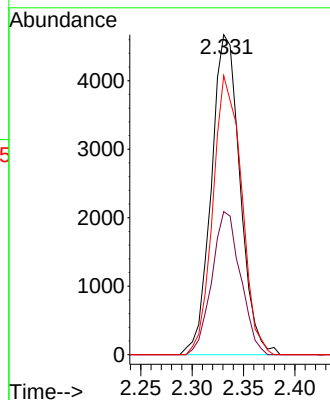
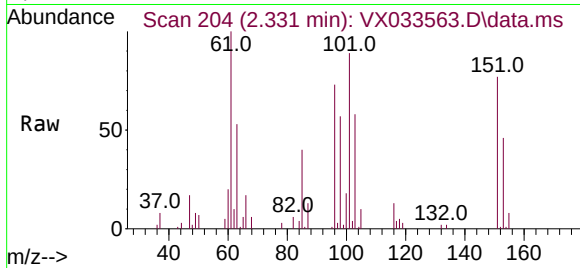




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.665 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

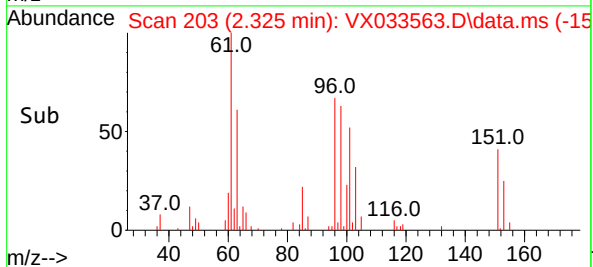
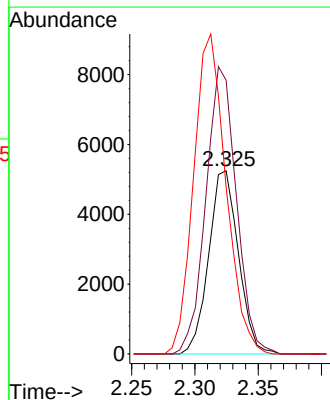
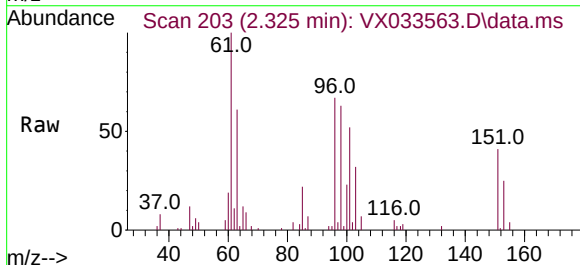
Instrument :
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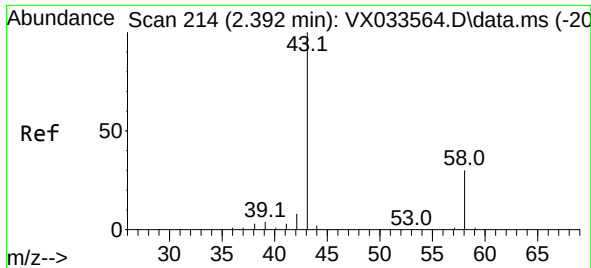
Tgt Ion:	101	Resp:	9081
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.0	52.4
151	86.7	63.3	94.9



#12
 1,1-Dichloroethene
 Concen: 8.969 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

Tgt Ion:	96	Resp:	8562
Ion	Ratio	Lower	Upper
96	100		
61	149.4	112.7	209.3
63	90.9	97.0	180.2

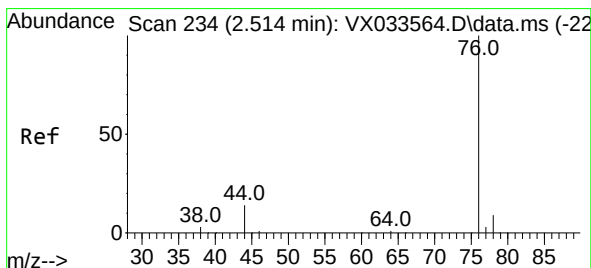
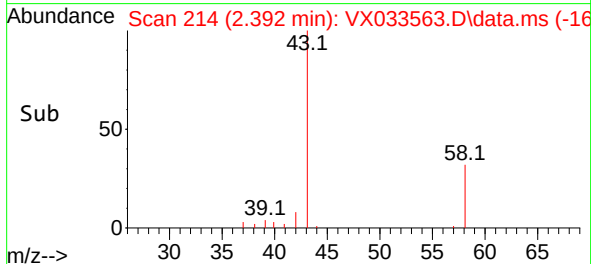
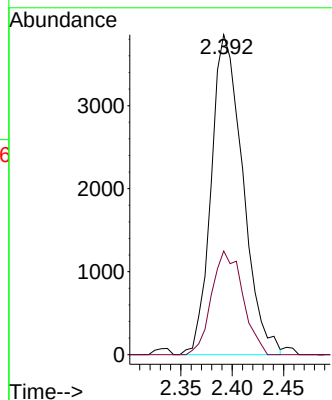
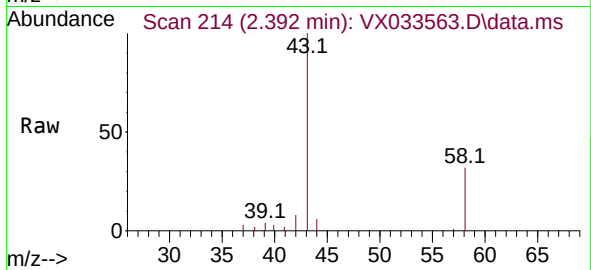




#13
Acetone
Concen: 16.913 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX033563.D
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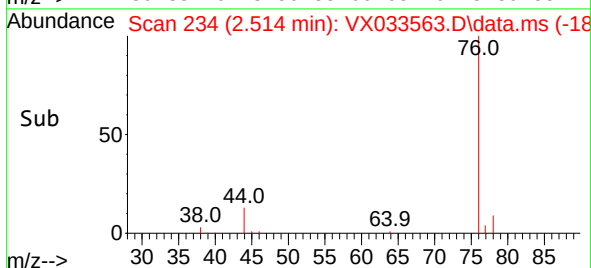
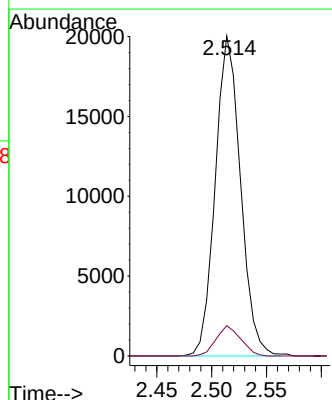
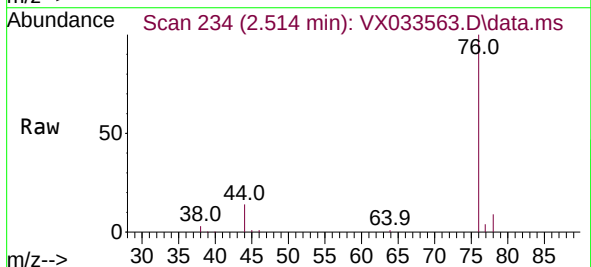
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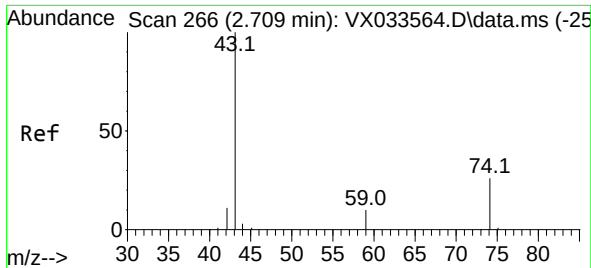
Tgt Ion: 43 Resp: 8244
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.4



#14
Carbon disulfide
Concen: 10.845 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 76 Resp: 32142
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

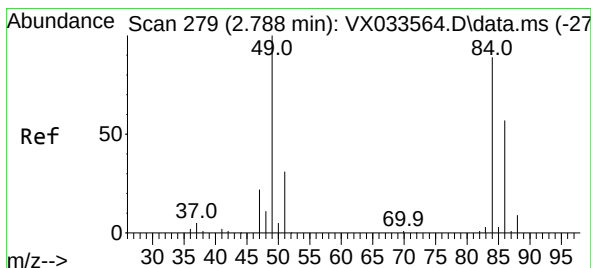
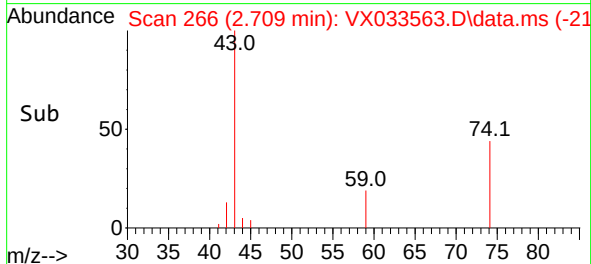
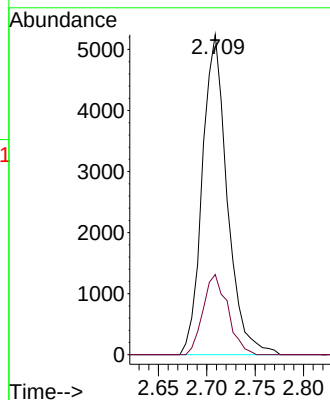
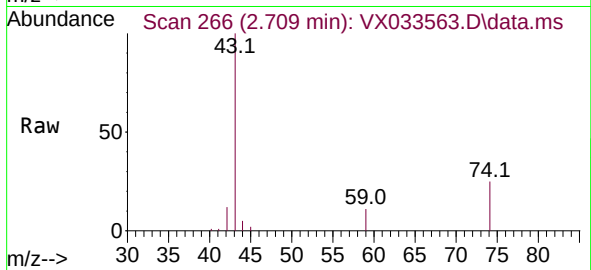




#15
Methyl Acetate
Concen: 10.530 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

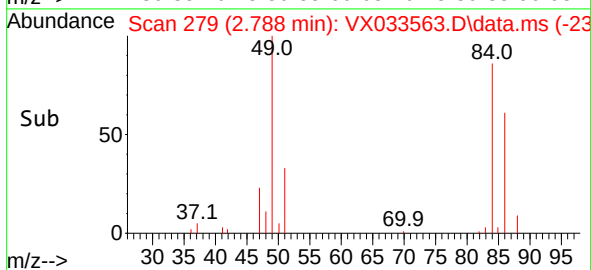
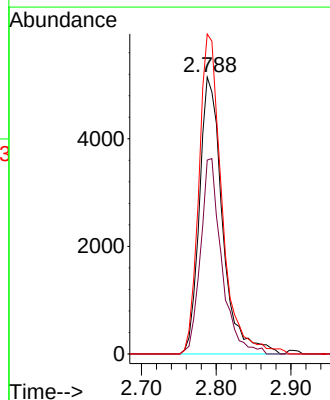
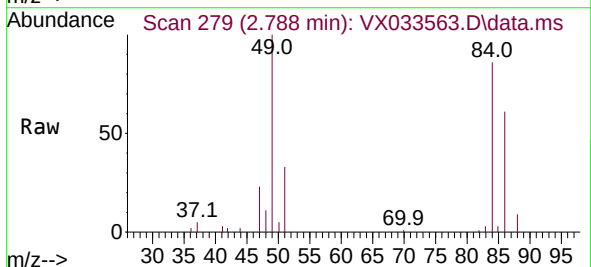
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ClientSampleId :
VSTD010608

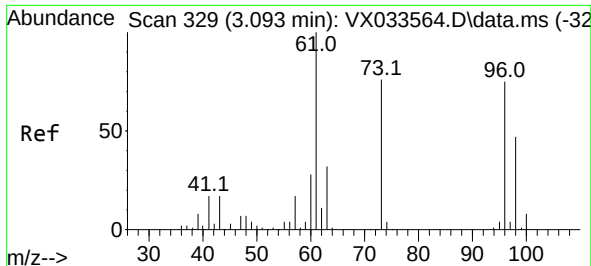
Tgt Ion: 43 Resp: 9410
Ion Ratio Lower Upper
43 100
74 24.8 20.6 30.8



#16
Methylene chloride
Concen: 10.562 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 84 Resp: 11017
Ion Ratio Lower Upper
84 100
86 70.0 44.9 83.5
49 115.6 79.0 146.8





#17

trans-1,2-Dichloroethene

Concen: 10.403 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

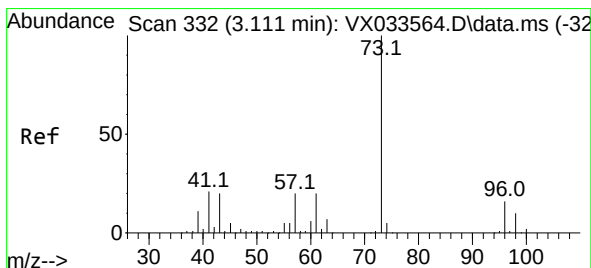
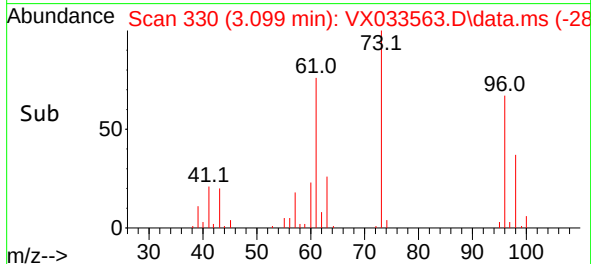
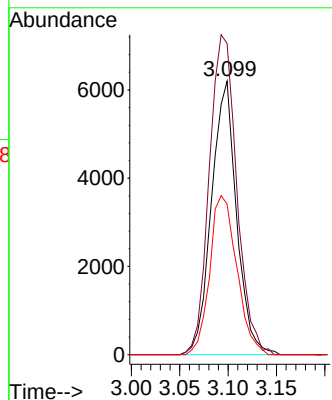
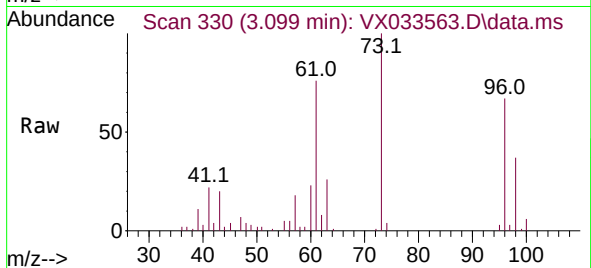
Tgt Ion: 96 Resp: 11221

Ion Ratio Lower Upper

96 100

61 113.8 93.0 172.8

98 55.1 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 10.501 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

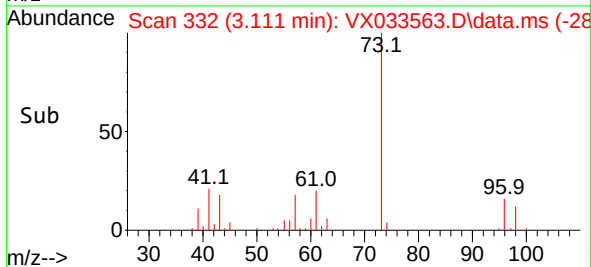
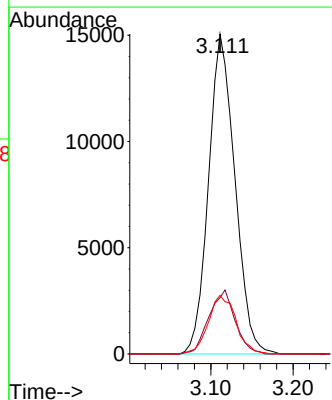
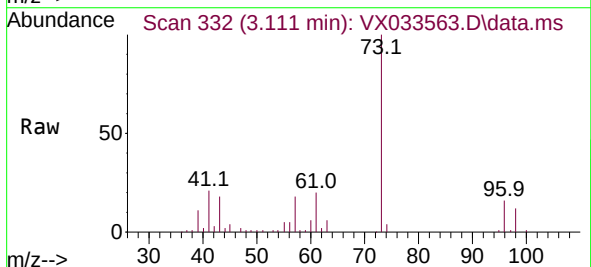
Tgt Ion: 73 Resp: 33543

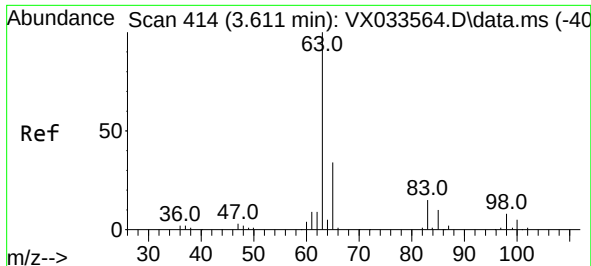
Ion Ratio Lower Upper

73 100

43 19.9 15.6 23.4

57 19.2 16.2 24.4





#19

1,1-Dichloroethane

Concen: 10.195 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

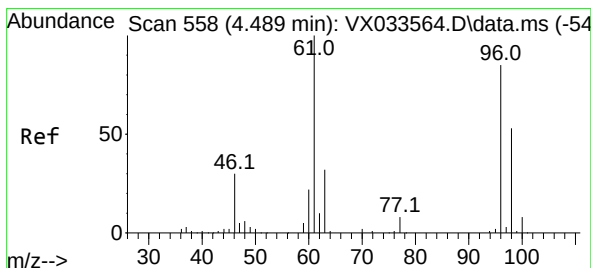
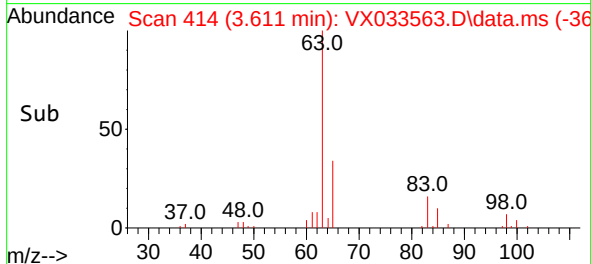
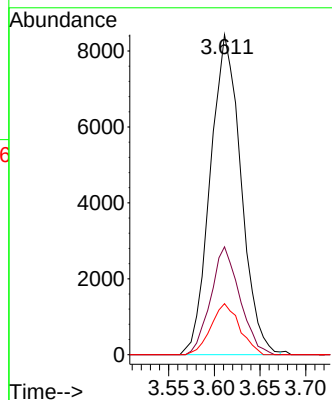
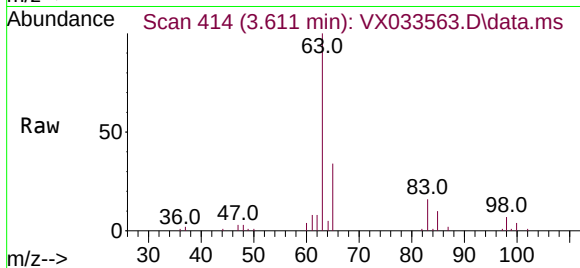
Tgt Ion: 63 Resp: 19701

Ion Ratio Lower Upper

63 100

65 33.7 23.4 43.6

83 15.9 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 10.094 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

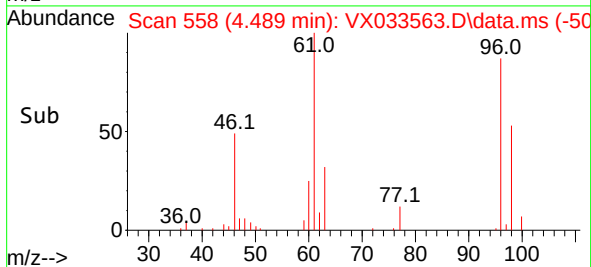
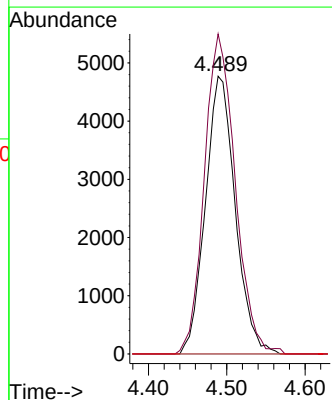
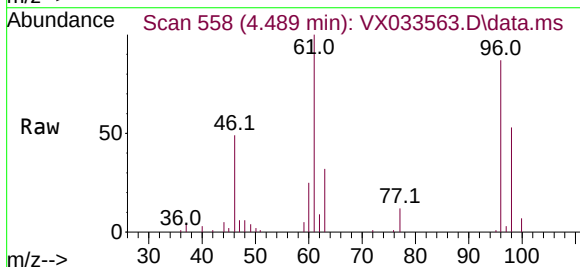
Tgt Ion: 96 Resp: 12660

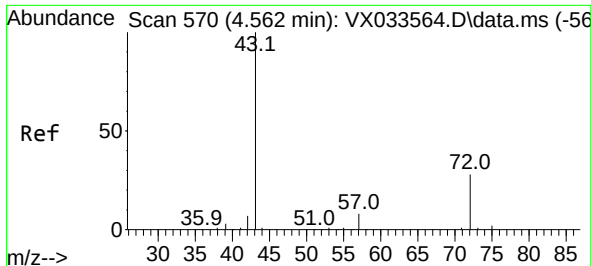
Ion Ratio Lower Upper

96 100

61 115.2 82.9 153.9

68 0.0 0.0 0.0

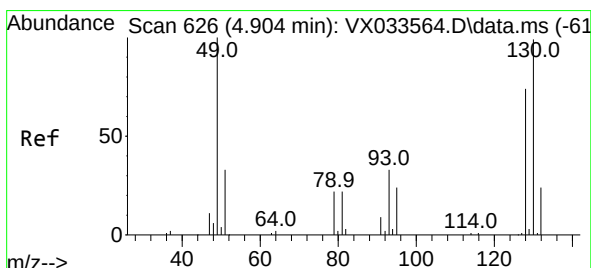
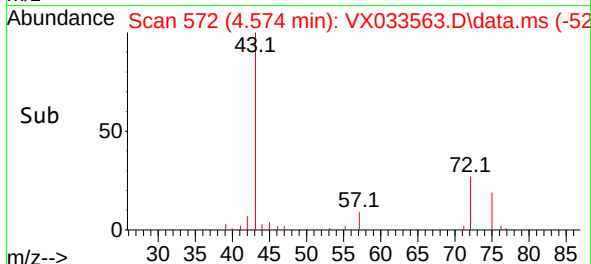
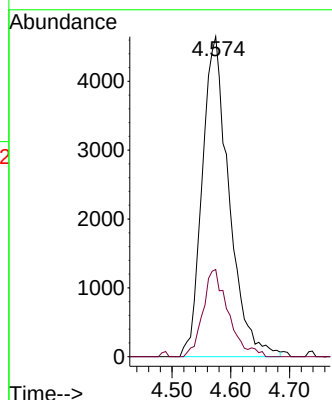
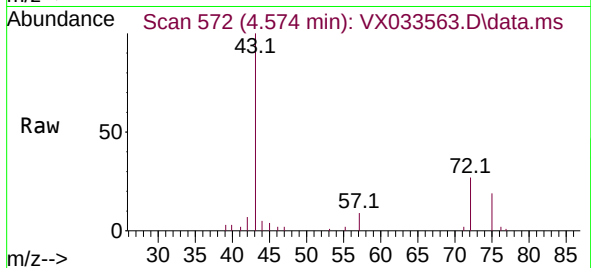




#22
2-Butanone
Concen: 19.975 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

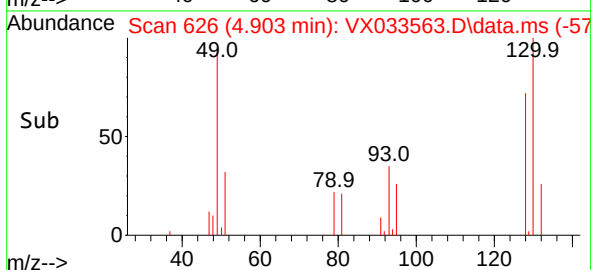
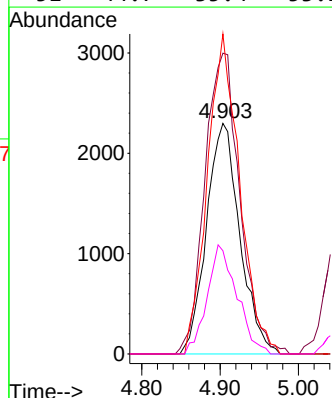
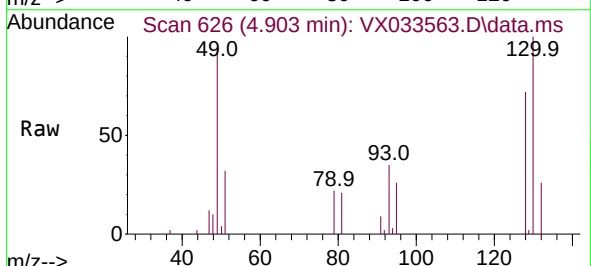
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

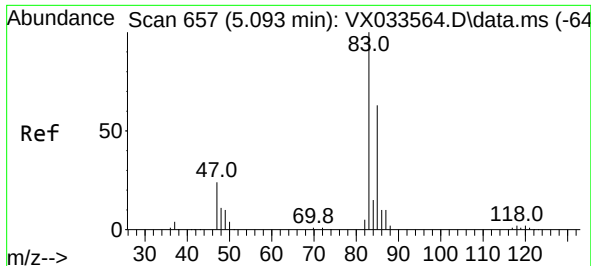
Tgt Ion: 43 Resp: 14758
Ion Ratio Lower Upper
43 100
72 24.9 13.5 40.4



#23
Bromochloromethane
Concen: 10.274 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 128 Resp: 6805
Ion Ratio Lower Upper
128 100
49 130.4 95.2 176.8
130 138.8 94.0 174.6
51 44.7 35.4 53.2

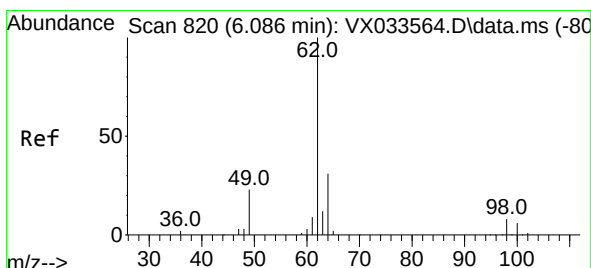
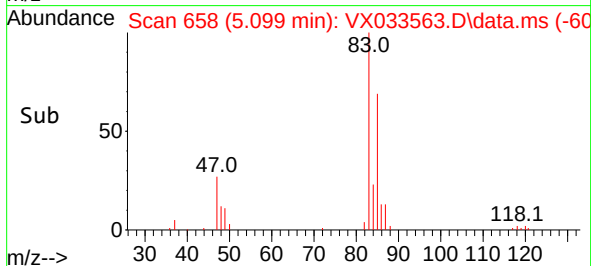
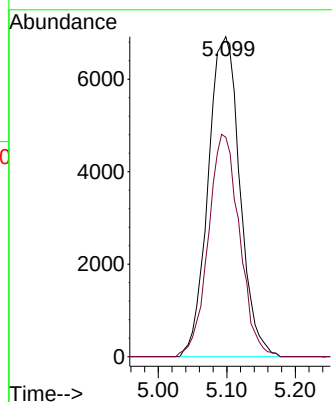
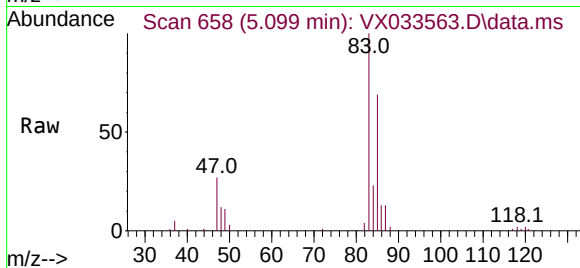




#25
Chloroform
Concen: 10.050 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

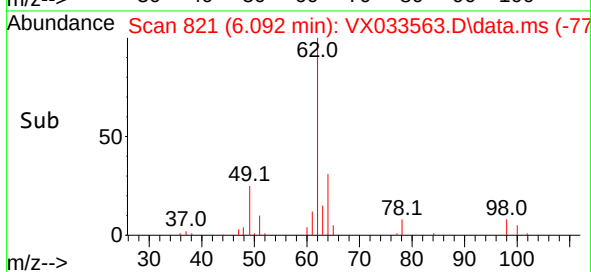
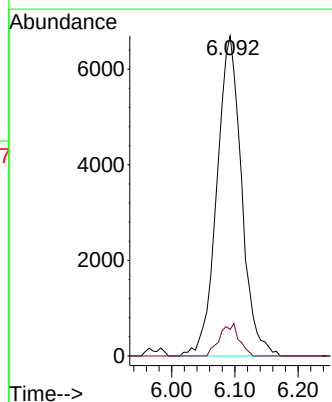
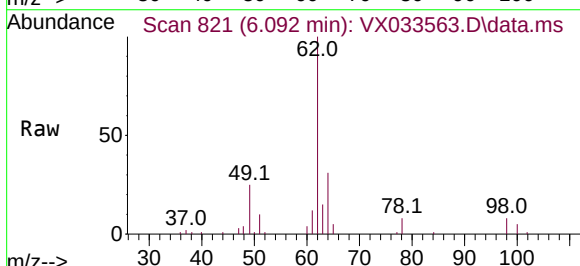
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

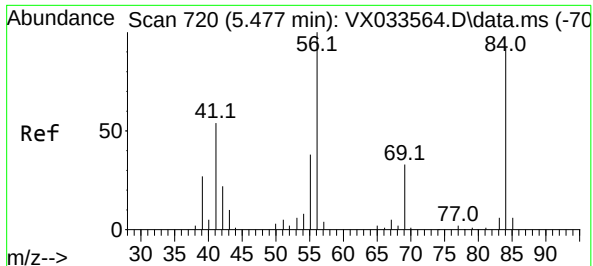
Tgt Ion: 83 Resp: 22238
Ion Ratio Lower Upper
83 100
85 68.6 44.4 82.5



#27
1,2-Dichloroethane
Concen: 10.535 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 62 Resp: 18134
Ion Ratio Lower Upper
62 100
98 8.3 6.7 10.1





#29

Cyclohexane

Concen: 10.021 ug/L

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

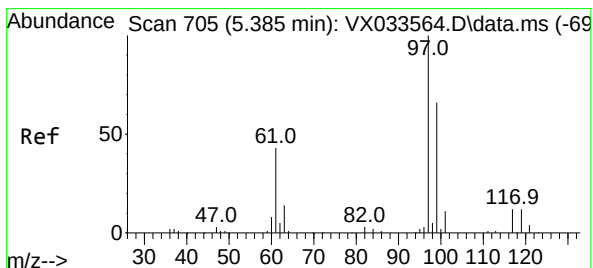
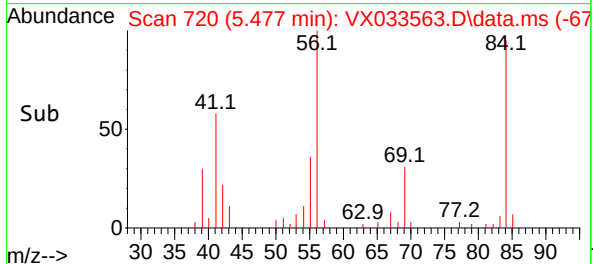
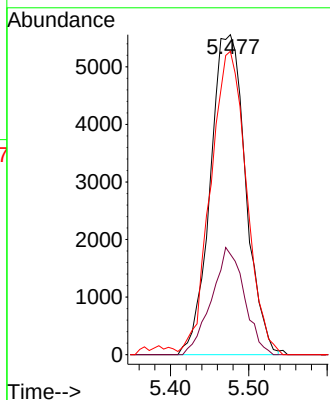
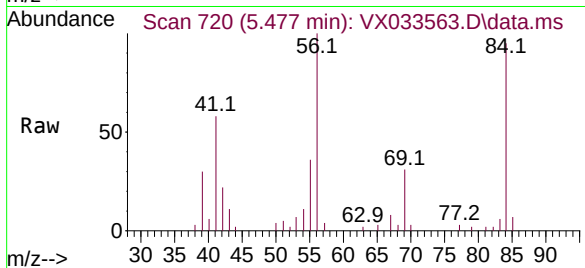
Tgt Ion: 56 Resp: 17460

Ion Ratio Lower Upper

56 100

69 30.9 25.9 38.9

84 95.9 75.7 113.5



#30

1,1,1-Trichloroethane

Concen: 10.207 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

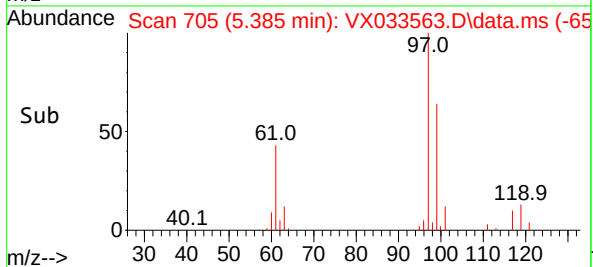
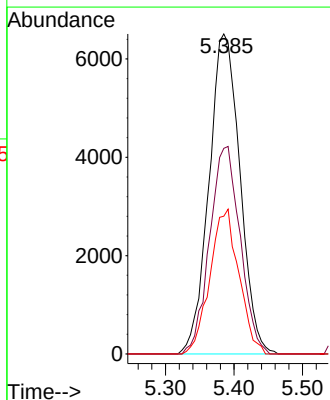
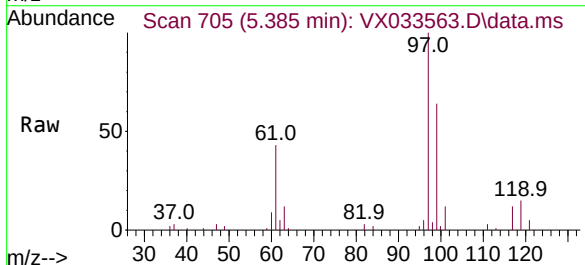
Tgt Ion: 97 Resp: 20464

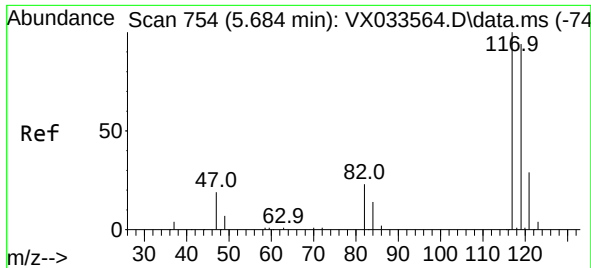
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 42.3 33.4 50.0

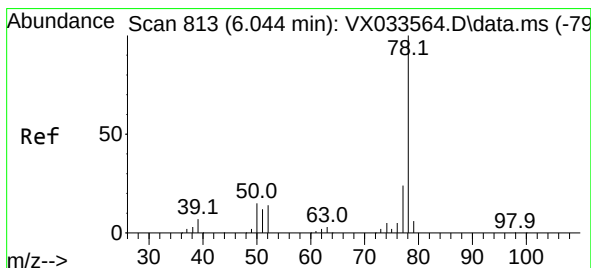
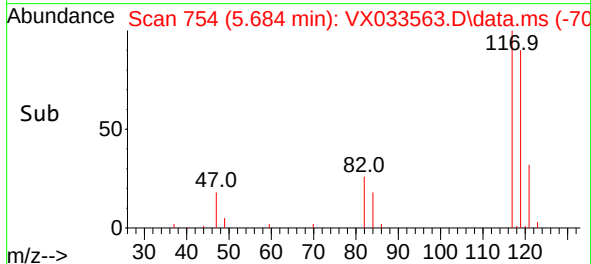
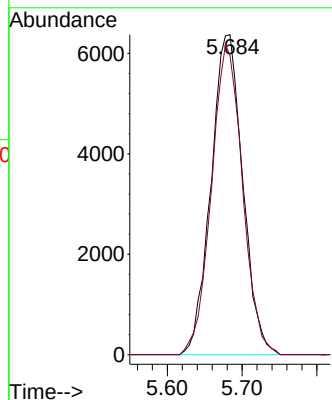
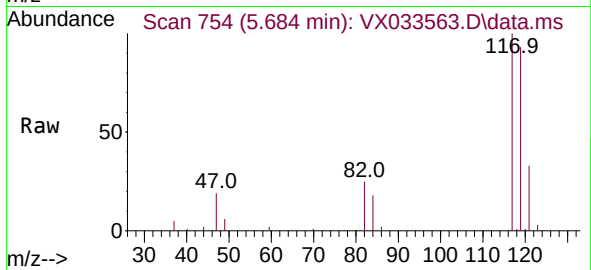




#31
Carbon tetrachloride
Concen: 10.180 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

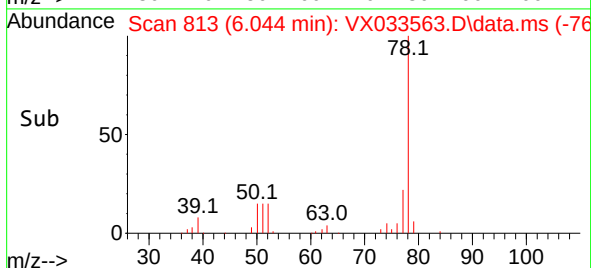
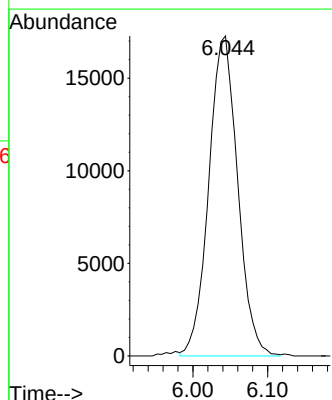
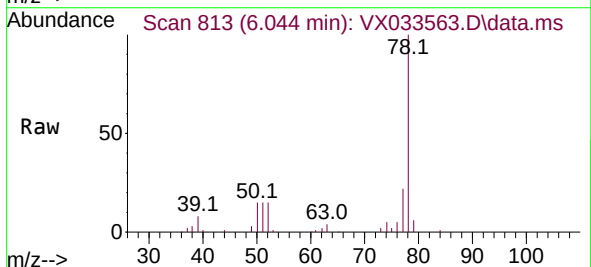
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

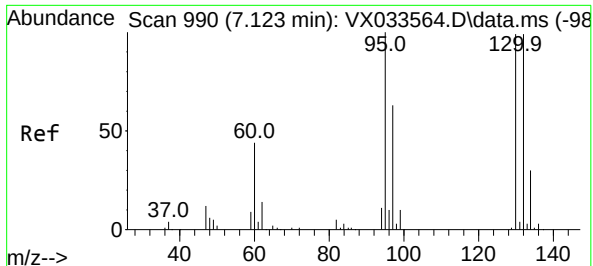
Tgt Ion:117 Resp: 18829
Ion Ratio Lower Upper
117 100
119 94.7 75.9 113.9



#33
Benzene
Concen: 10.362 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 78 Resp: 46463



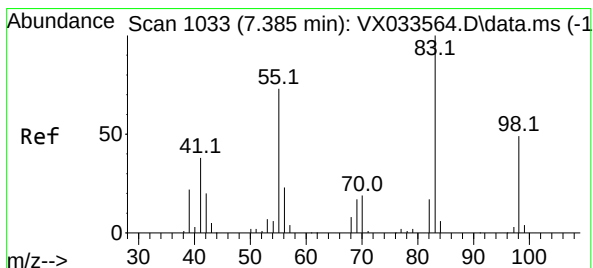
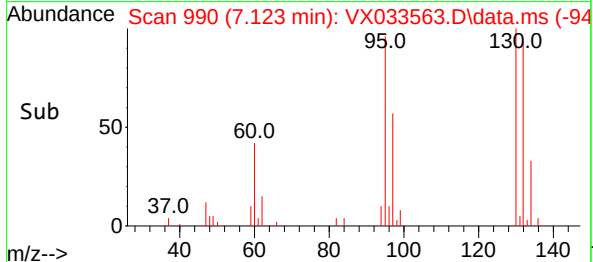
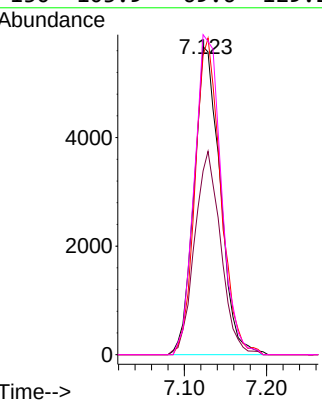
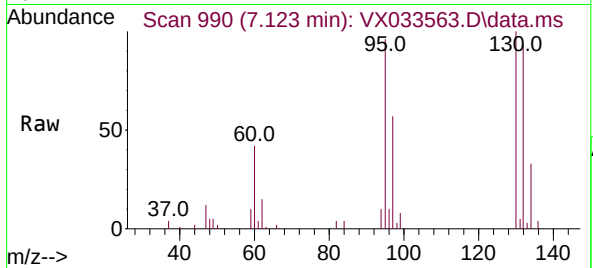


#34
Trichloroethene
Concen: 10.145 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

Tgt Ion: 95 Resp: 12535

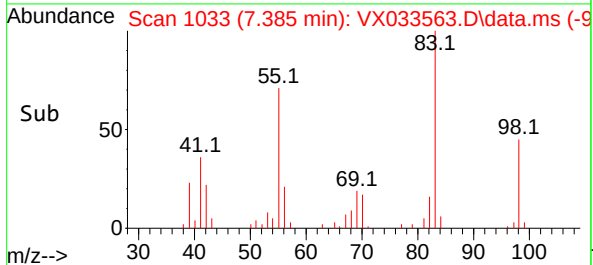
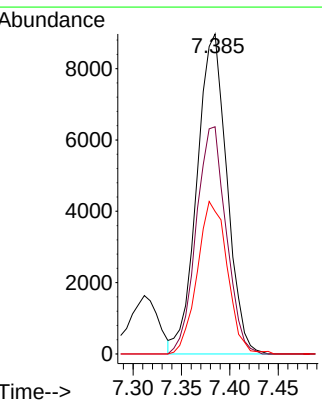
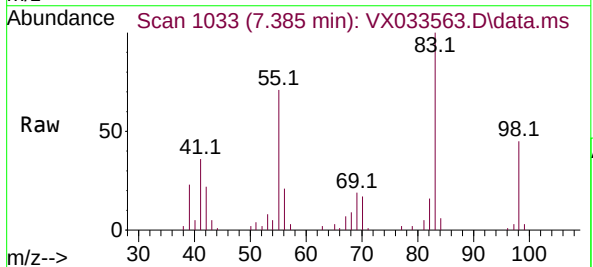
Ion	Ratio	Lower	Upper
95	100		
97	59.6	44.2	82.2
132	97.1	69.2	128.4
130	103.9	69.6	129.2

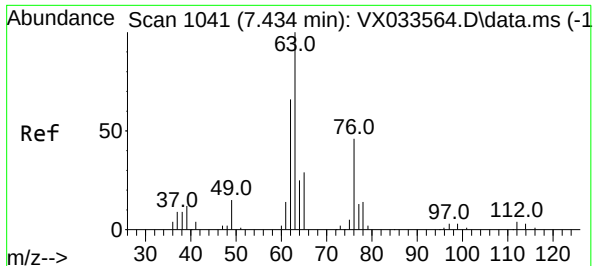


#35
Methylcyclohexane
Concen: 9.809 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 83 Resp: 19313

Ion	Ratio	Lower	Upper
83	100		
55	70.9	56.2	84.2
98	47.6	37.9	56.9





#37

1,2-Dichloropropane

Concen: 10.148 ug/L

RT: 7.434 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

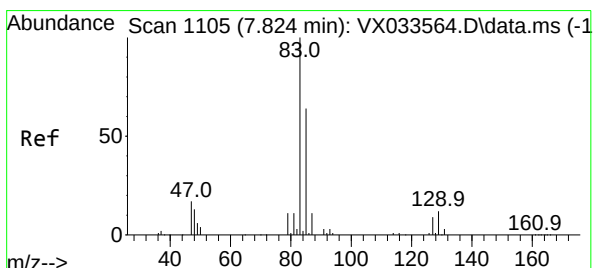
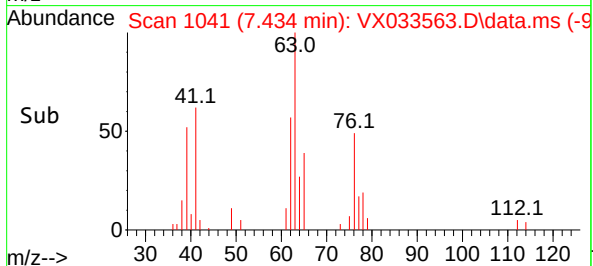
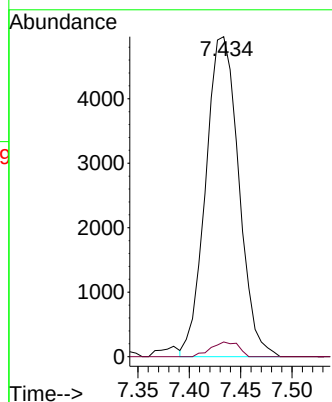
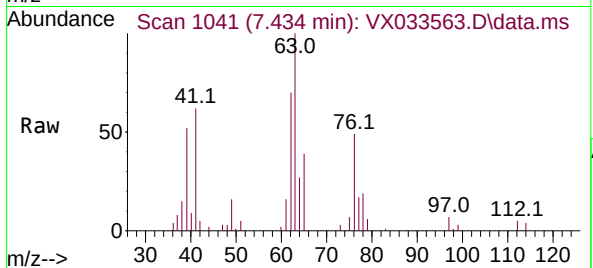
VSTD010608

Tgt Ion: 63 Resp: 11104

Ion Ratio Lower Upper

63 100

112 3.8 3.6 5.4



#38

Bromodichloromethane

Concen: 10.283 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

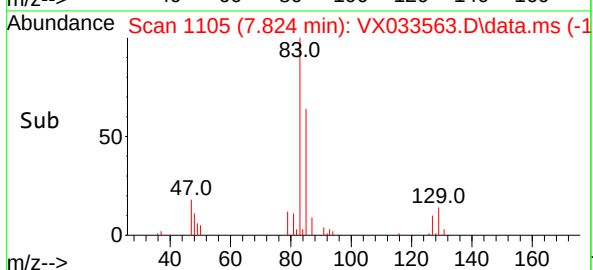
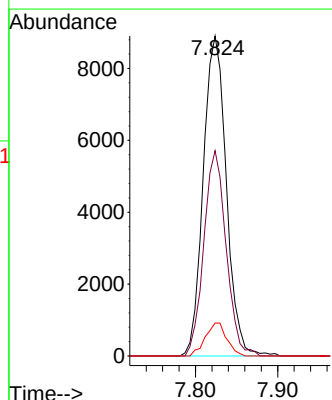
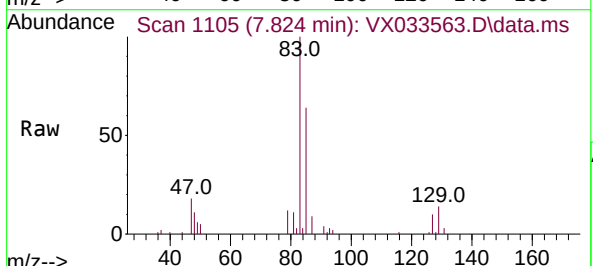
Tgt Ion: 83 Resp: 17358

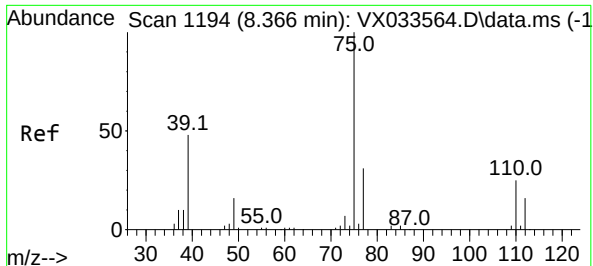
Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

127 10.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 9.533 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

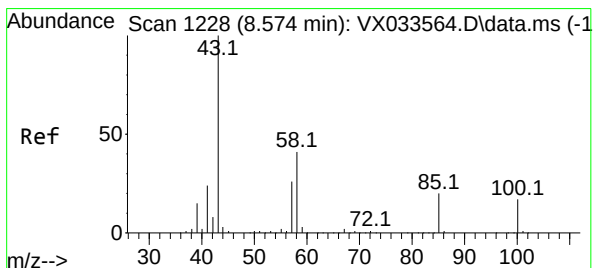
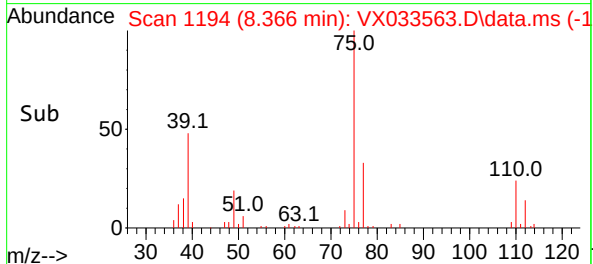
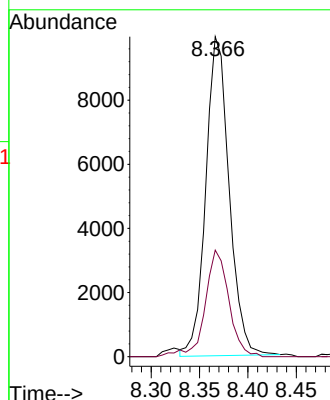
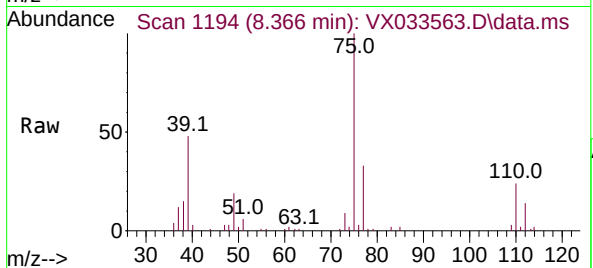
VSTD010608

Tgt Ion: 75 Resp: 16735

Ion Ratio Lower Upper

75 100

77 33.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 19.648 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

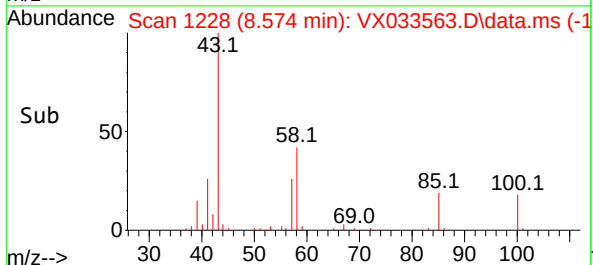
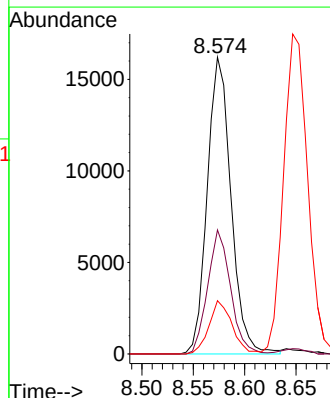
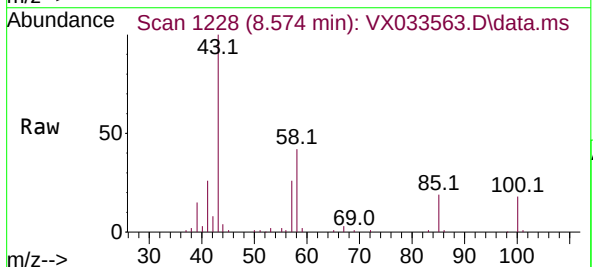
Tgt Ion: 43 Resp: 26134

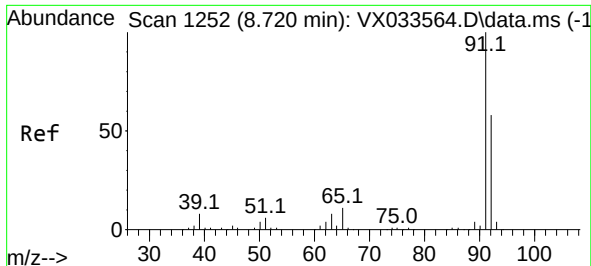
Ion Ratio Lower Upper

43 100

58 40.2 32.6 49.0

100 17.5 13.8 20.8





#42

Toluene

Concen: 10.079 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

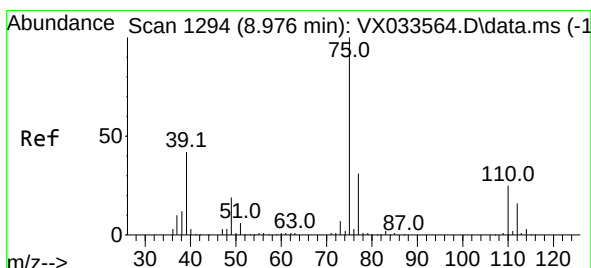
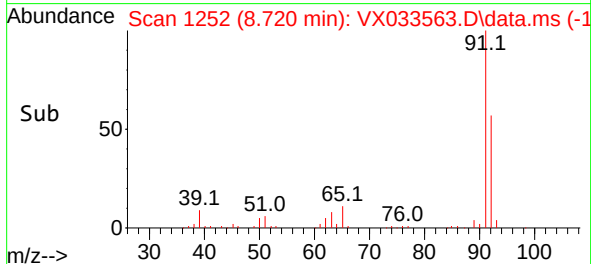
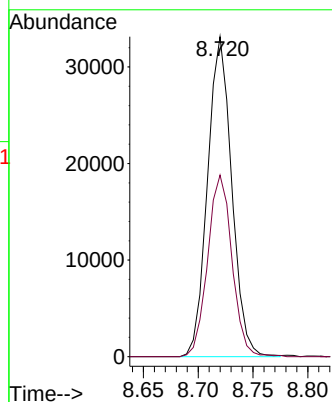
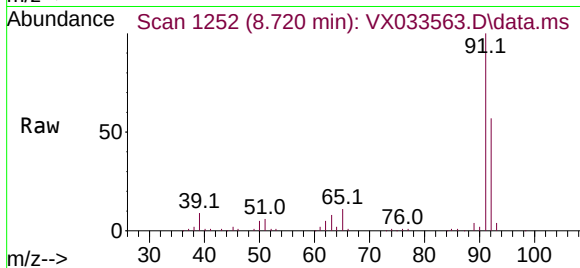
VSTD010608

Tgt Ion: 91 Resp: 50811

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 9.420 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX033563.D

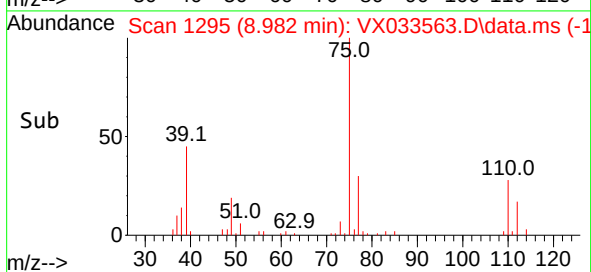
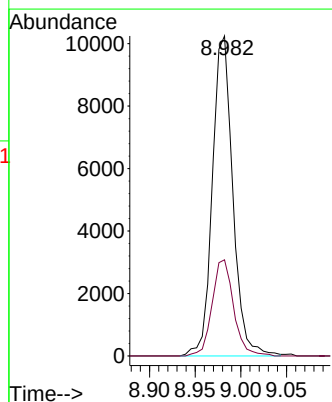
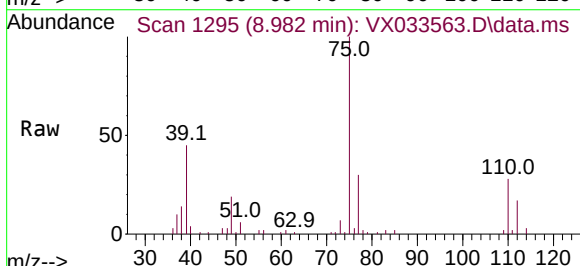
Acq: 27 Dec 2022 14:02

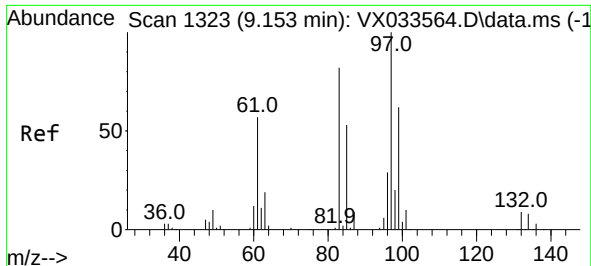
Tgt Ion: 75 Resp: 15977

Ion Ratio Lower Upper

75 100

77 30.1 21.3 39.6

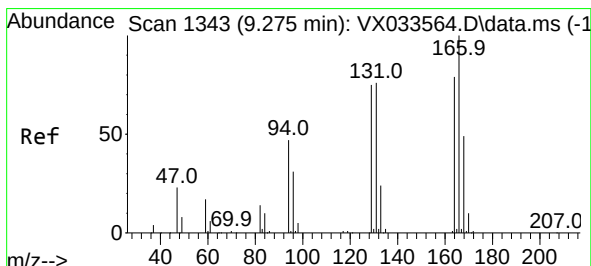
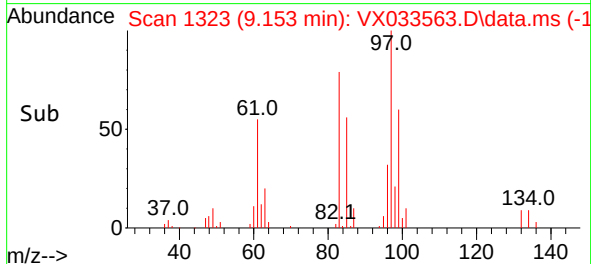
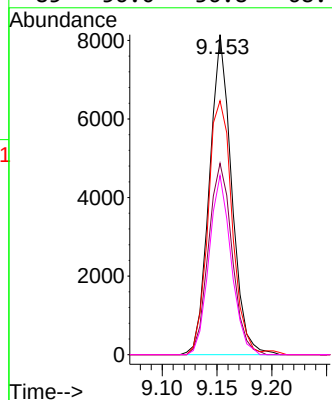
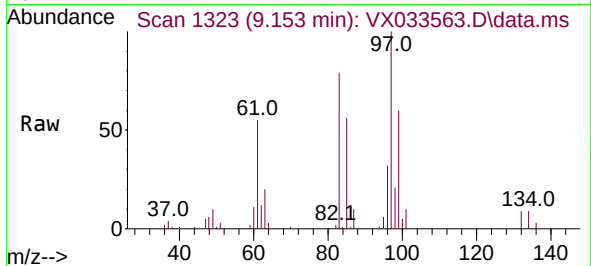




#45
1,1,2-Trichloroethane
Concen: 9.821 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

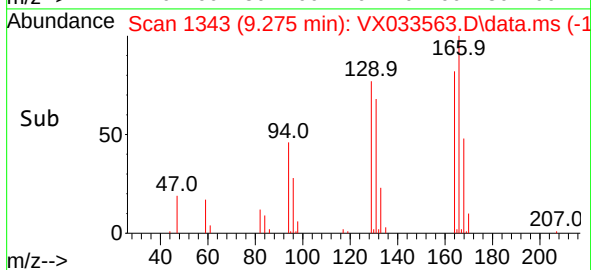
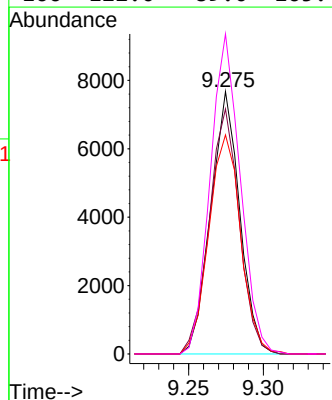
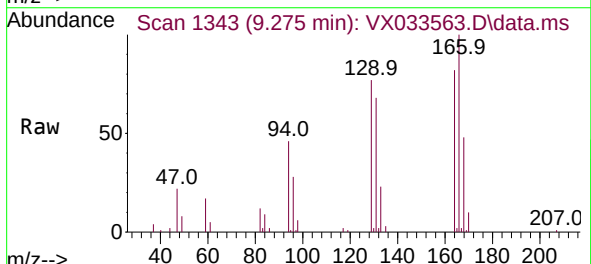
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

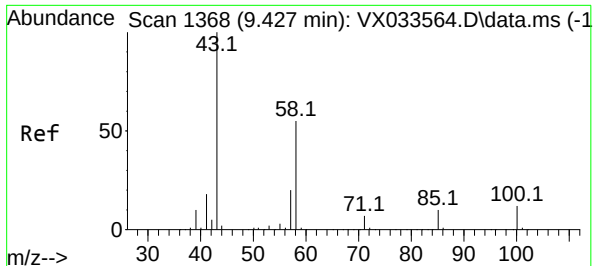
Tgt Ion:	97	Resp:	11492
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.6	81.0
83	79.4	57.4	106.6
85	56.0	36.8	68.4



#46
Tetrachloroethene
Concen: 10.023 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion:	164	Resp:	10342
Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.4	123.2
131	83.5	67.8	125.8
166	122.0	89.0	165.4





#48

2-Hexanone

Concen: 19.400 ug/L

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

Tgt Ion: 43 Resp: 19912

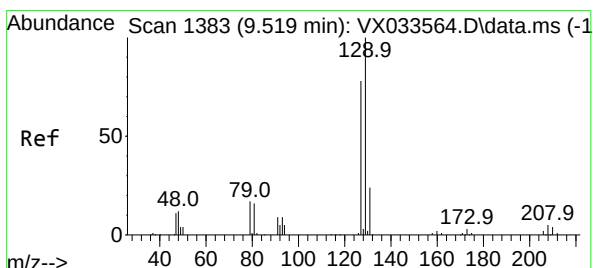
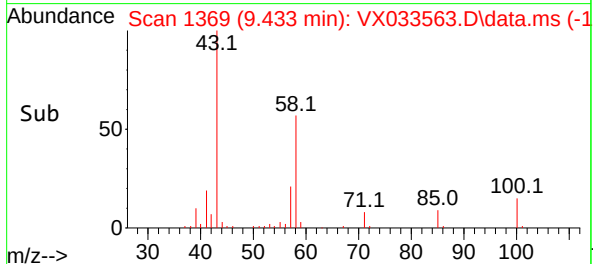
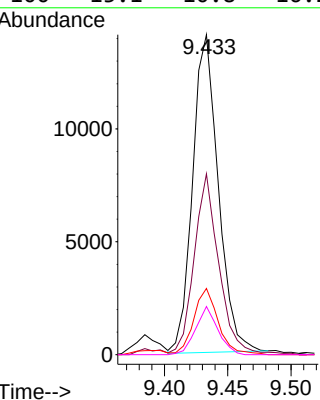
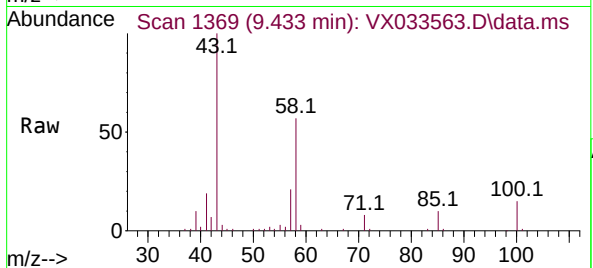
Ion Ratio Lower Upper

43 100

58 53.2 43.7 65.5

57 19.8 15.9 23.9

100 13.1 10.8 16.2



#49

Dibromochloromethane

Concen: 9.968 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX033563.D

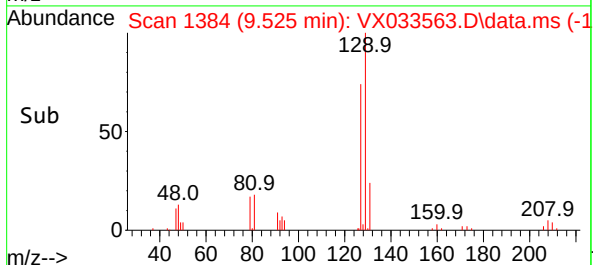
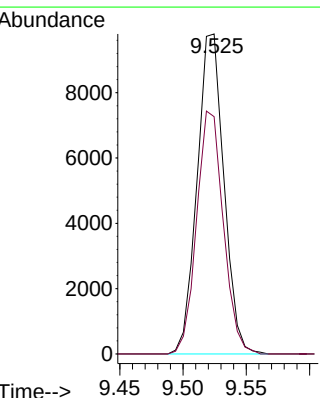
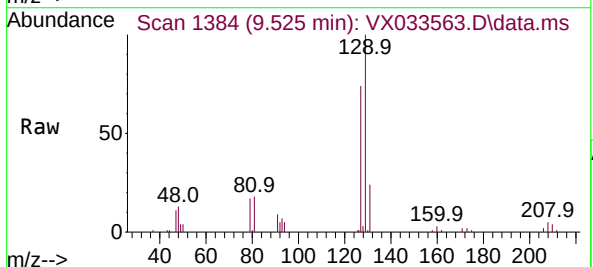
Acq: 27 Dec 2022 14:02

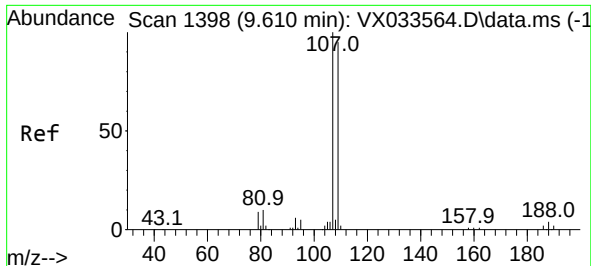
Tgt Ion: 129 Resp: 14455

Ion Ratio Lower Upper

129 100

127 74.1 54.5 101.3





#50

1,2-Dibromoethane

Concen: 10.026 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

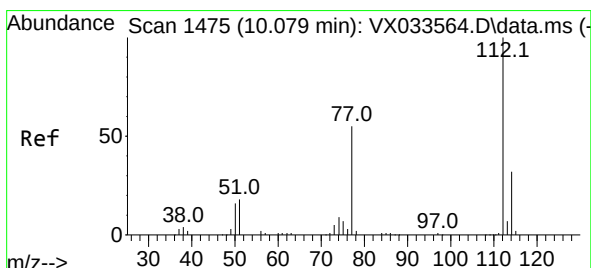
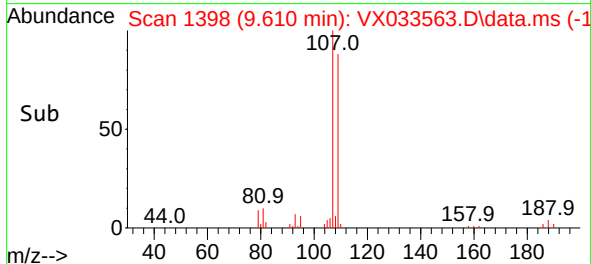
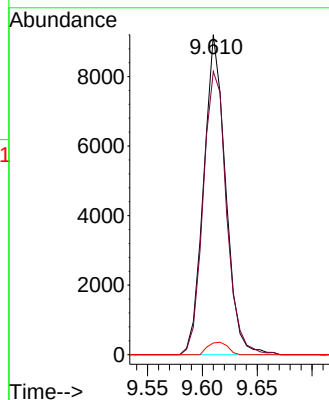
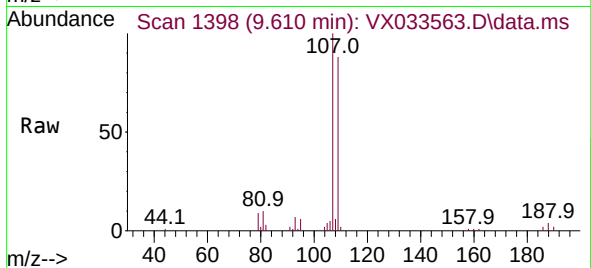
Tgt Ion:107 Resp: 12815

Ion Ratio Lower Upper

107 100

109 88.5 66.4 123.2

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 10.043 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

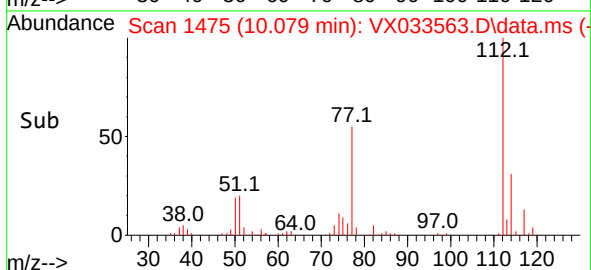
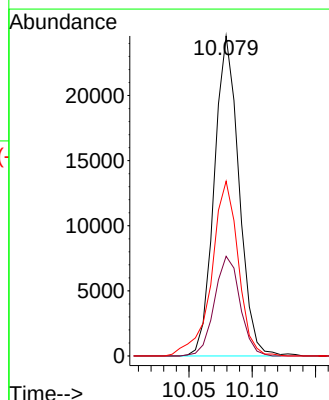
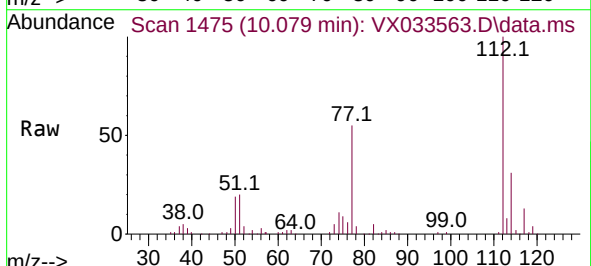
Tgt Ion:112 Resp: 33352

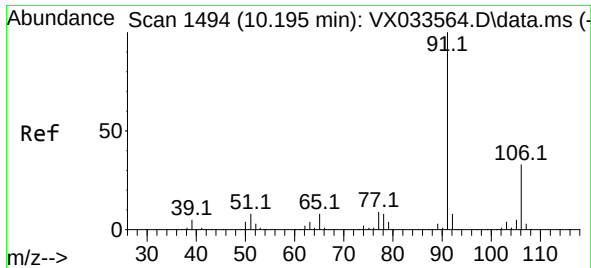
Ion Ratio Lower Upper

112 100

114 31.1 22.7 42.1

77 54.6 44.7 67.1

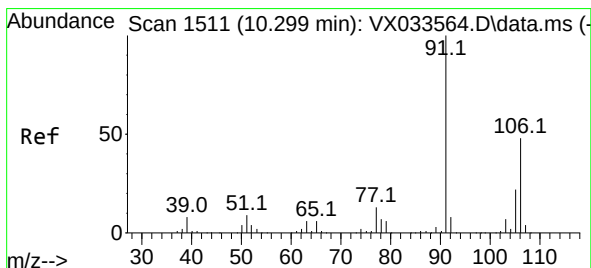
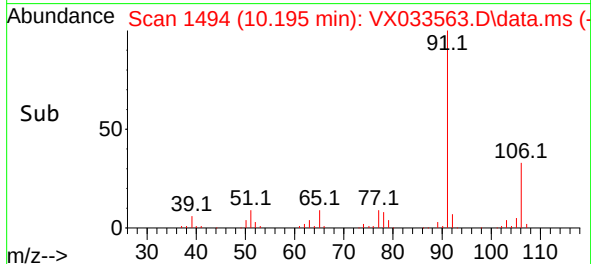
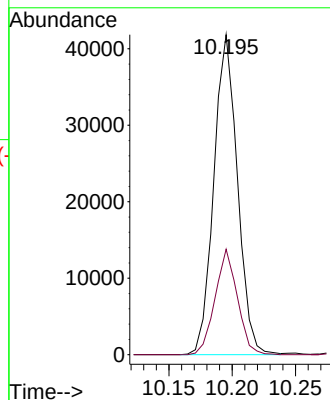
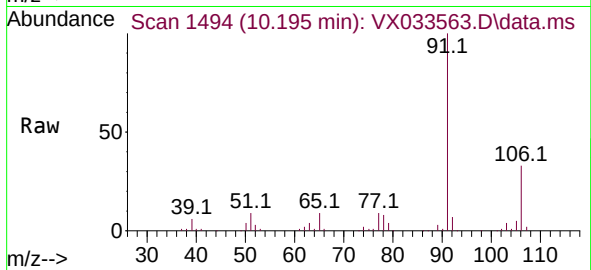




#52
Ethylbenzene
Concen: 9.849 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

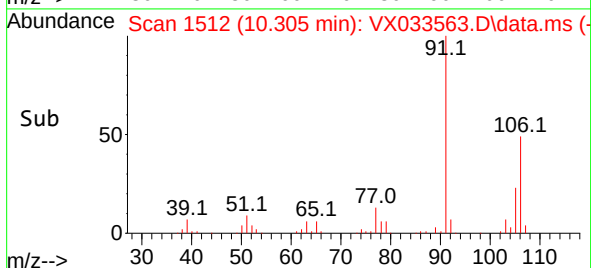
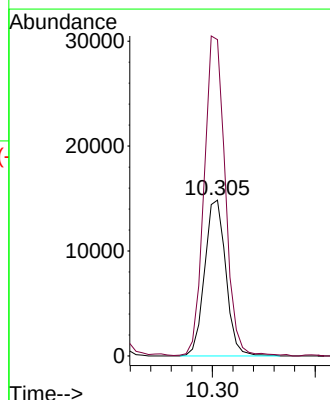
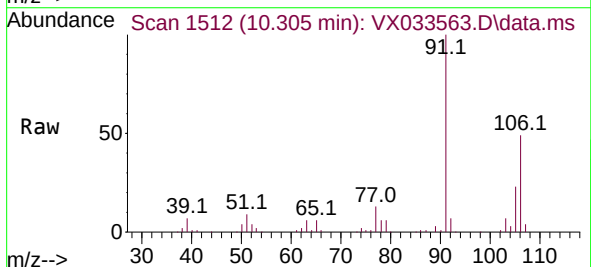
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

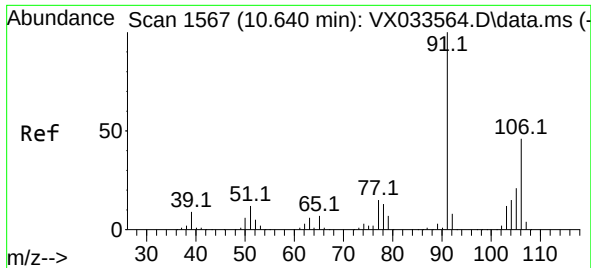
Tgt Ion: 91 Resp: 54268
Ion Ratio Lower Upper
91 100
106 33.0 23.1 42.9



#53
m,p-Xylene
Concen: 9.781 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 106 Resp: 21349
Ion Ratio Lower Upper
106 100
91 203.0 145.9 271.1

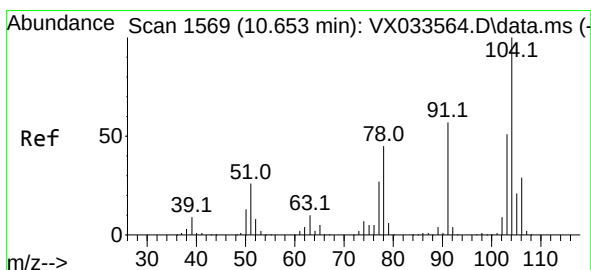
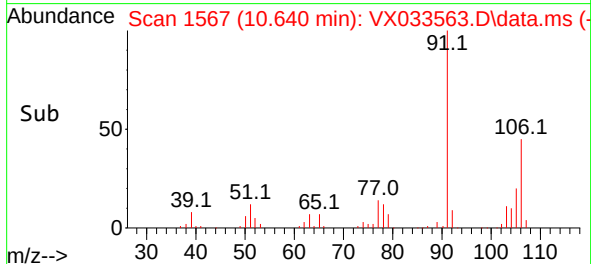
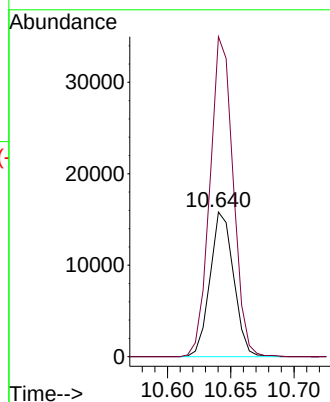
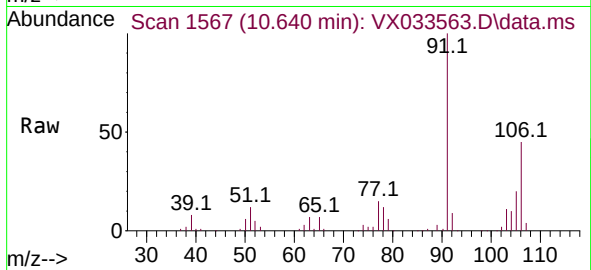




#54
o-Xylene
Concen: 9.539 ug/L
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

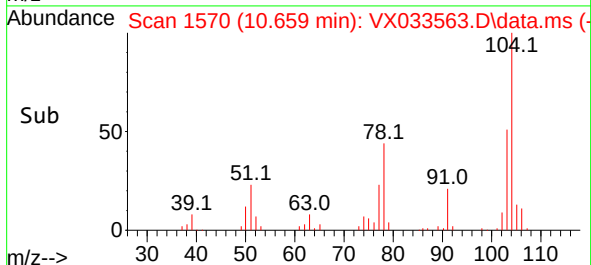
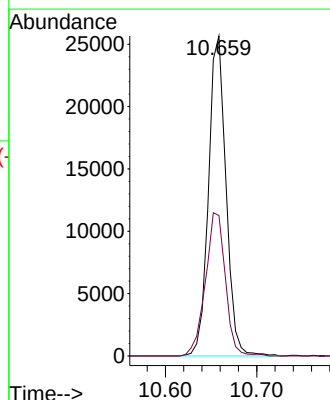
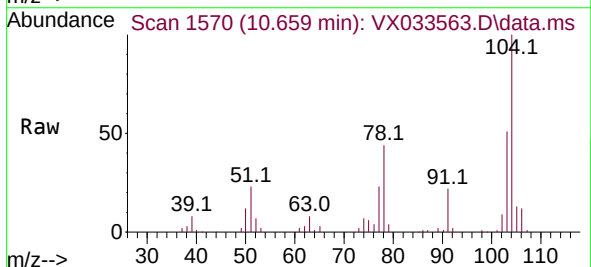
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

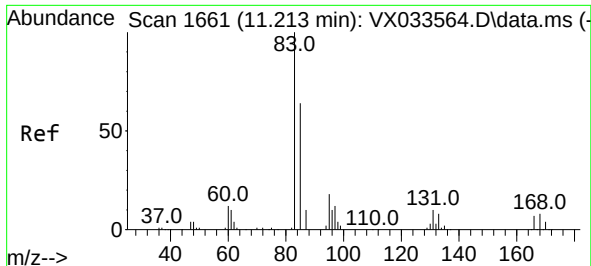
Tgt Ion:106 Resp: 20538
Ion Ratio Lower Upper
106 100
91 221.3 152.3 282.9



#55
Styrene
Concen: 9.456 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion:104 Resp: 34051
Ion Ratio Lower Upper
104 100
78 43.9 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 9.900 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

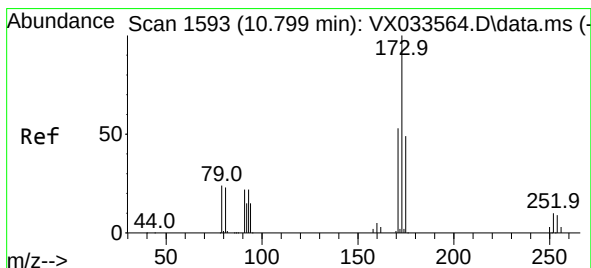
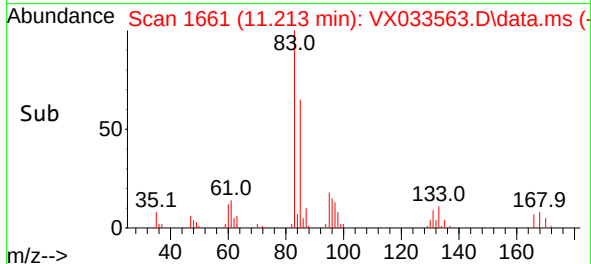
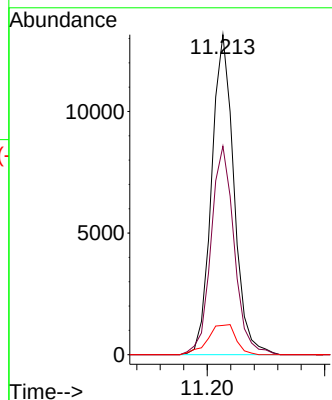
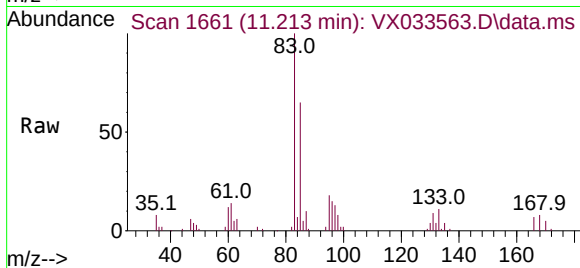
Tgt Ion: 83 Resp: 17359

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.5

131 9.2 8.4 12.6



#59

Bromoform

Concen: 9.679 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

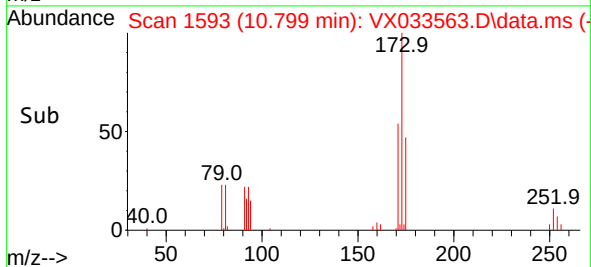
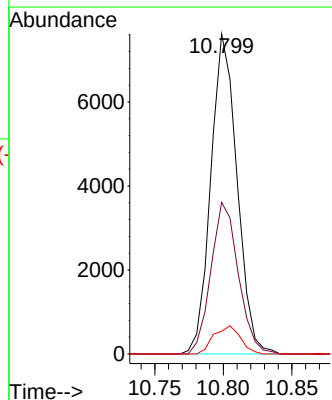
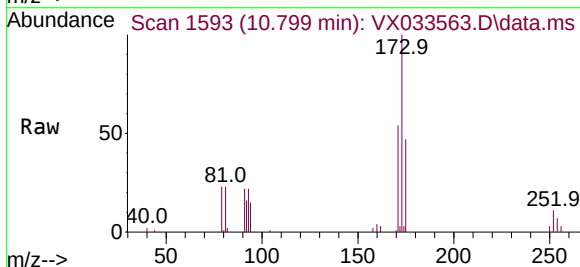
Tgt Ion: 173 Resp: 10148

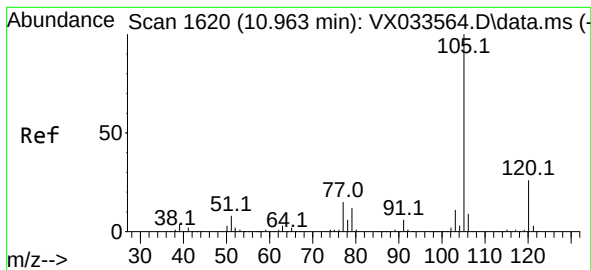
Ion Ratio Lower Upper

173 100

175 49.5 39.7 59.5

254 8.9 7.4 11.0





#60

Isopropylbenzene

Concen: 9.918 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

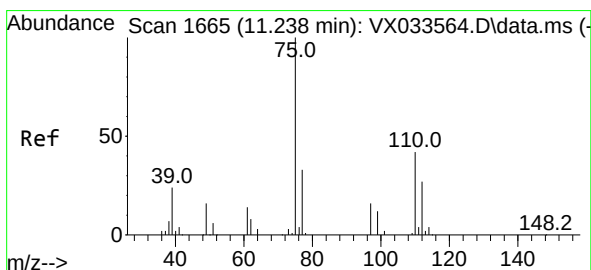
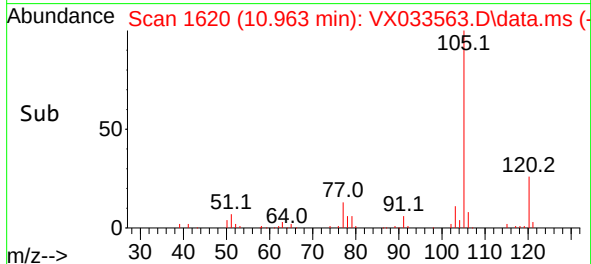
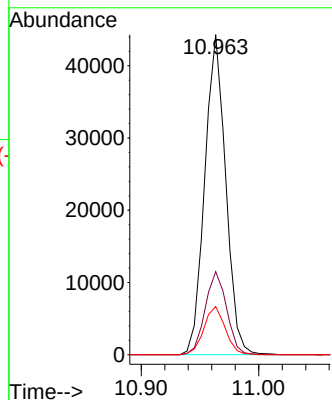
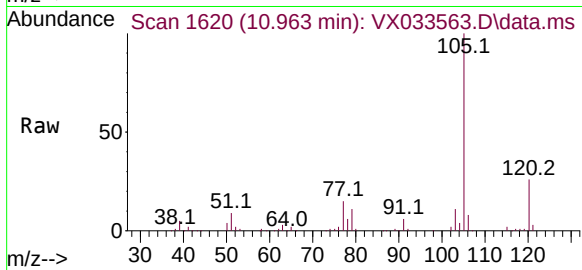
Tgt Ion:105 Resp: 54988

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.3 11.9 17.9



#61

1,2,3-Trichloropropane

Concen: 10.173 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

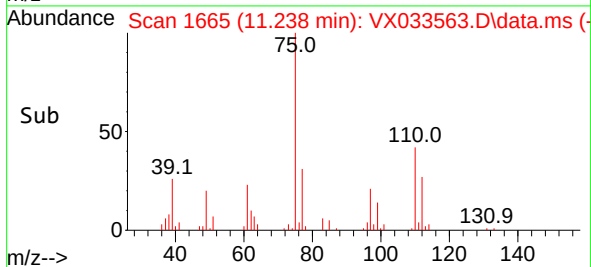
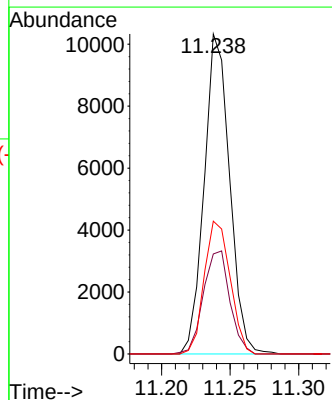
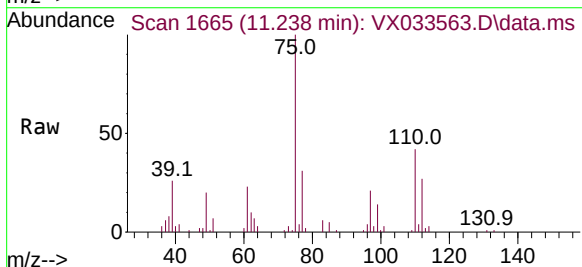
Tgt Ion: 75 Resp: 13345

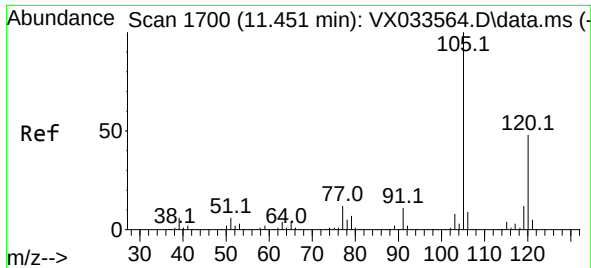
Ion Ratio Lower Upper

75 100

77 33.6 25.9 38.9

110 42.2 33.8 50.6

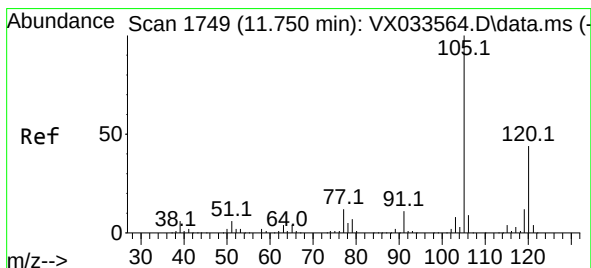
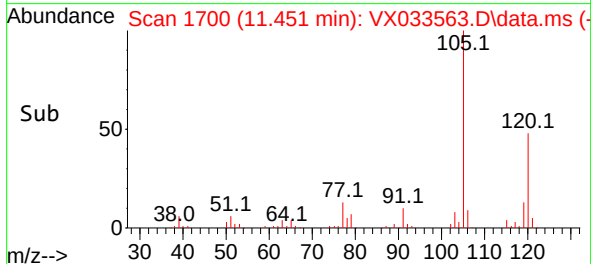
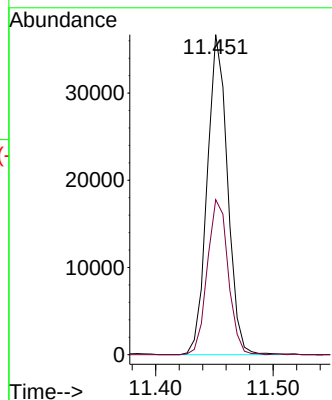
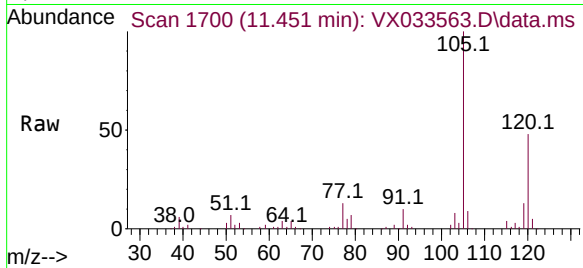




#62
 1,3,5-Trimethylbenzene
 Concen: 9.512 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

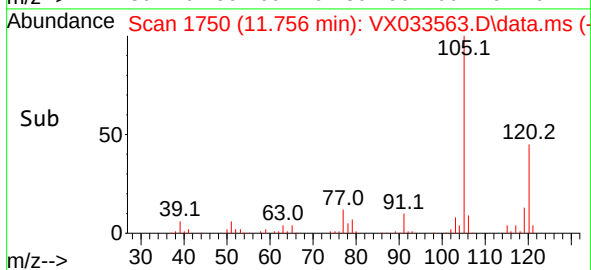
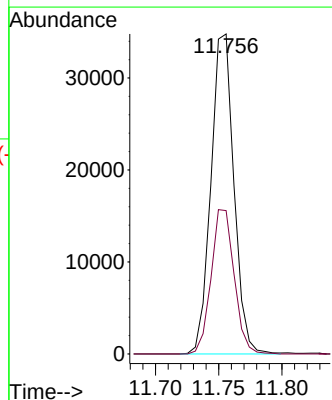
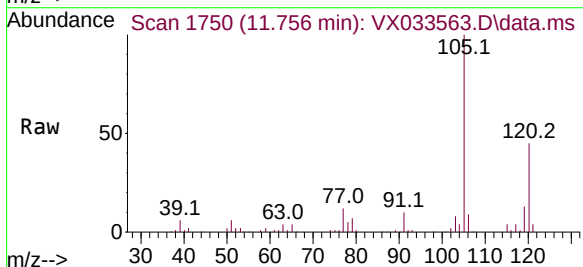
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010608

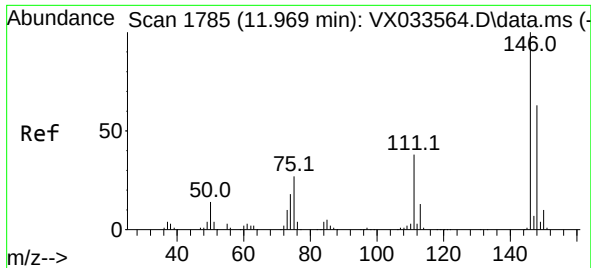
Tgt Ion:105 Resp: 44186
 Ion Ratio Lower Upper
 105 100
 120 49.6 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 9.615 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX033563.D
 Acq: 27 Dec 2022 14:02

Tgt Ion:105 Resp: 43954
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.6

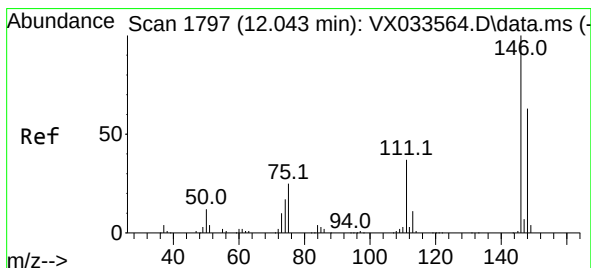
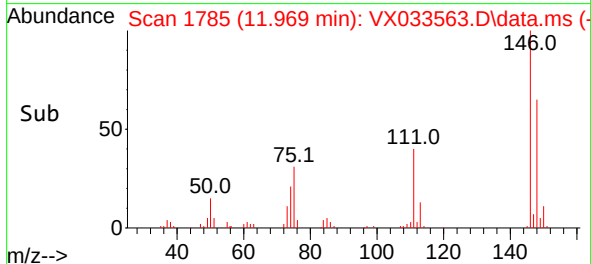
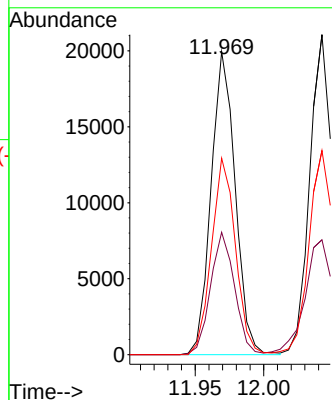
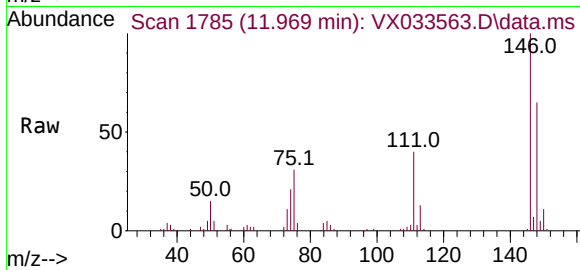




#64
1,3-Dichlorobenzene
Concen: 9.783 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

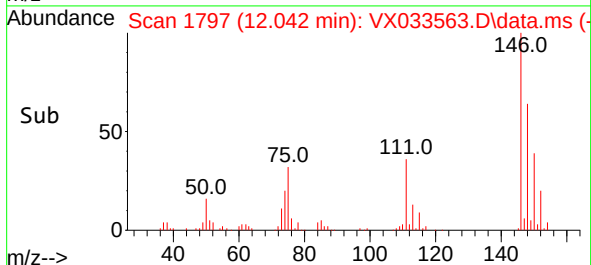
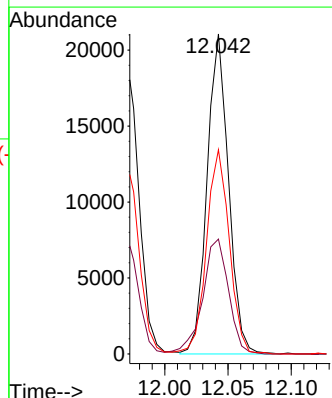
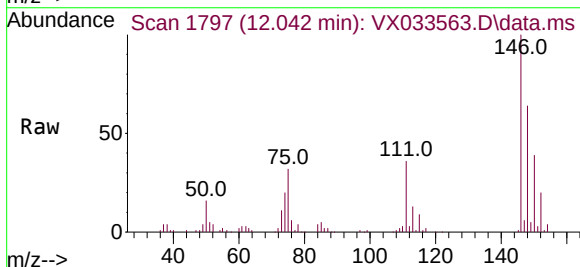
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

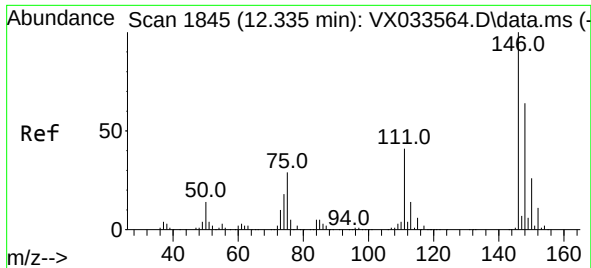
Tgt Ion:146 Resp: 24356
Ion Ratio Lower Upper
146 100
111 40.4 26.8 49.8
148 64.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 9.808 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion:146 Resp: 24857
Ion Ratio Lower Upper
146 100
111 35.9 25.9 48.1
148 63.8 44.4 82.5

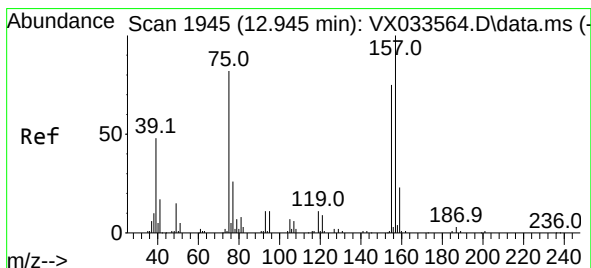
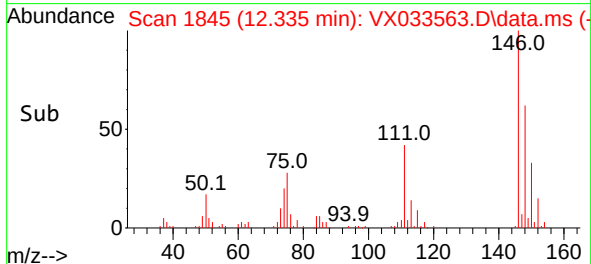
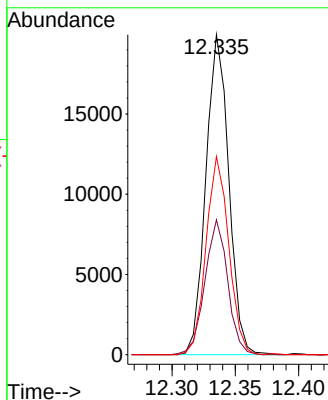
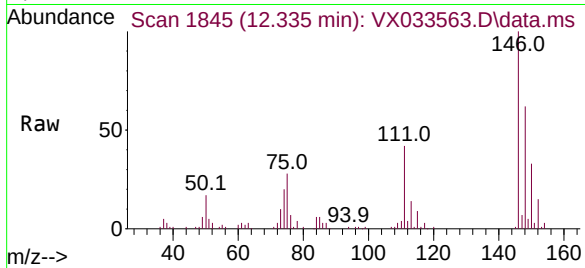




#67
1,2-Dichlorobenzene
Concen: 10.084 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

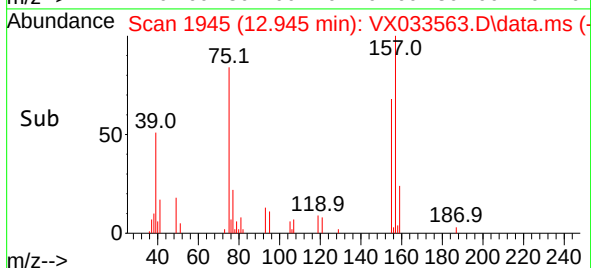
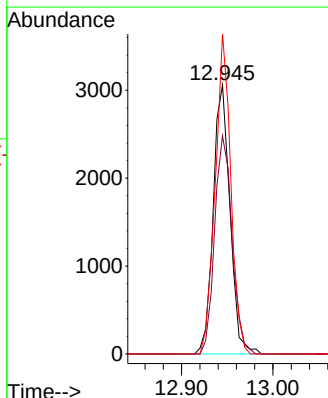
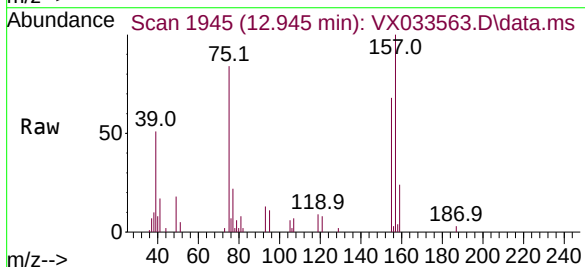
Instrument :
MSVOA_X
ClientSampleId :
VSTD010608

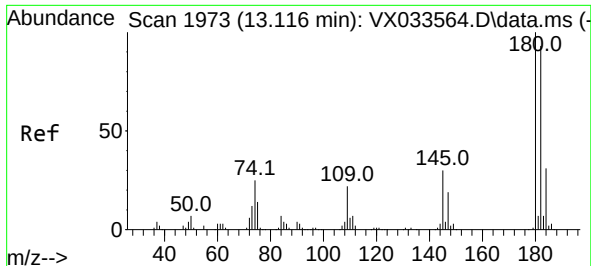
Tgt Ion:146 Resp: 25094
Ion Ratio Lower Upper
146 100
111 42.1 33.0 49.4
148 61.9 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 10.349 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033563.D
Acq: 27 Dec 2022 14:02

Tgt Ion: 75 Resp: 3875
Ion Ratio Lower Upper
75 100
155 81.1 72.9 109.3
157 119.0 97.7 146.5





#69

1,3,5-Trichlorobenzene

Concen: 9.704 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

Tgt Ion:180 Resp: 16945

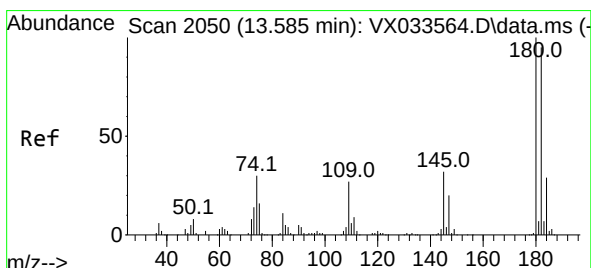
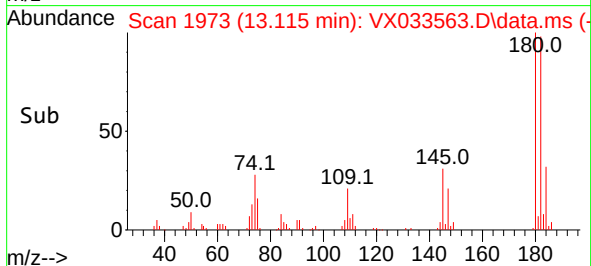
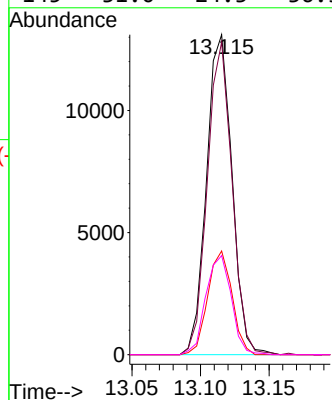
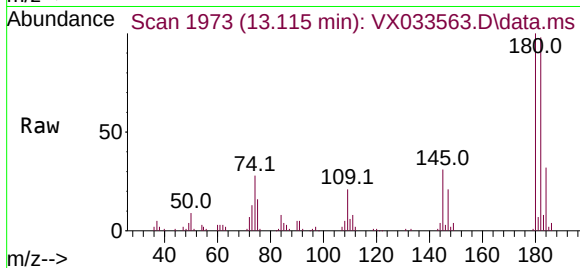
Ion Ratio Lower Upper

180 100

182 94.4 74.5 111.7

184 30.9 24.3 36.5

145 31.0 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 9.392 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

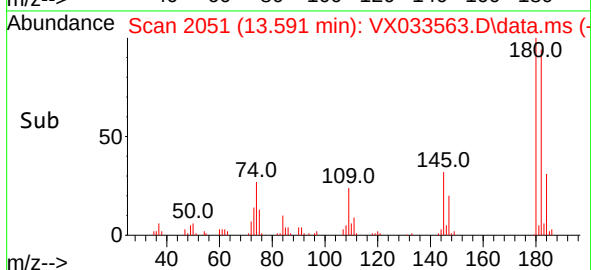
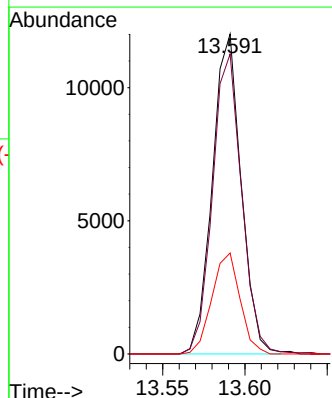
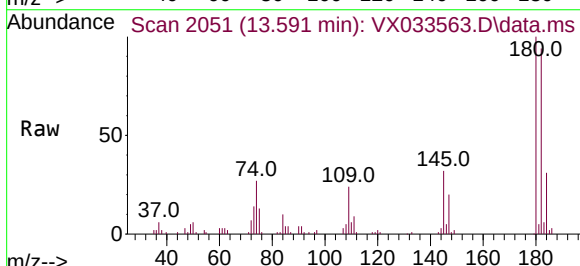
Tgt Ion:180 Resp: 14617

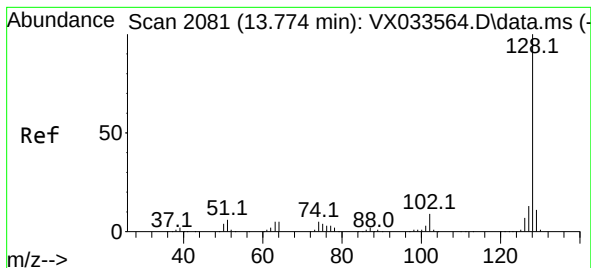
Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

145 30.9 25.4 38.0





#71

Naphthalene

Concen: 9.296 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD010608

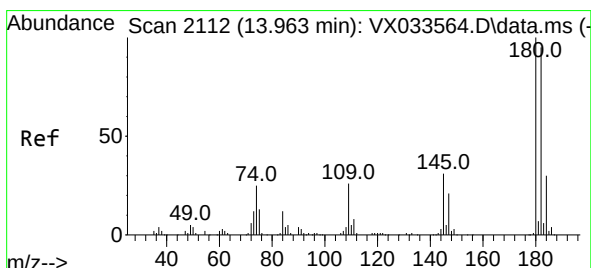
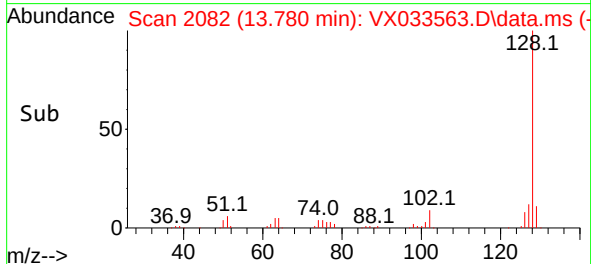
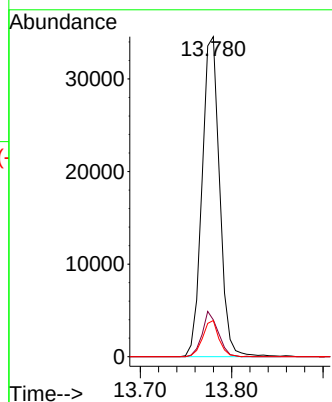
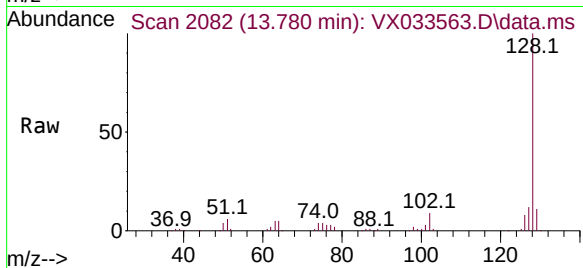
Tgt Ion:128 Resp: 46092

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 9.509 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033563.D

Acq: 27 Dec 2022 14:02

Tgt Ion:180 Resp: 14831

Ion Ratio Lower Upper

180 100

182 100.6 76.1 114.1

145 34.1 25.9 38.9

