

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033565.D
 Acq On : 27 Dec 2022 14:48
 Operator : JC/MD
 Sample : VSTD10010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100610

Quant Time: Dec 28 01:48:48 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	200313	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	185323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97748	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	98577	100.515	ug/L	0.00
7) Chloroethane-d5	1.672	69	104936	113.604	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	236951	114.755	ug/L	0.00
21) 2-Butanone-d5	4.458	46	150998	206.363	ug/L	0.00
24) Chloroform-d	5.056	84	261801	100.376	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	160649	97.945	ug/L	0.00
32) Benzene-d6	5.976	84	499691	98.777	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	146733	98.263	ug/L	0.00
41) Toluene-d8	8.647	98	495758	99.226	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	76806	104.962	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	122531	215.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	208637	100.978	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	197467	101.815	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	132107	94.585	ug/L	99
3) Chloromethane	1.294	50	97699	93.209	ug/L	98
5) Vinyl chloride	1.373	62	110643	95.915	ug/L	100
6) Bromomethane	1.617	94	71417	98.511	ug/L	95
8) Chloroethane	1.690	64	86689	108.636	ug/L	99
9) Trichlorofluoromethane	1.886	101	162009	92.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	123804	108.893	ug/L	99
12) 1,1-Dichloroethene	2.318	96	114099	110.176	ug/L	96
13) Acetone	2.392	43	112584	212.903	ug/L	100
14) Carbon disulfide	2.514	76	319295	99.303	ug/L	99
15) Methyl Acetate	2.709	43	99332	102.457	ug/L	99
16) Methylene chloride	2.794	84	112646	99.551	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	116427	99.500	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	353400	101.980	ug/L	100
19) 1,1-Dichloroethane	3.611	63	200143	95.475	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	132152	97.126	ug/L	98
22) 2-Butanone	4.562	43	157478	196.479	ug/L	99
23) Bromochloromethane	4.897	128	69557	96.797	ug/L	95
25) Chloroform	5.098	83	230024	95.823	ug/L	97
27) 1,2-Dichloroethane	6.086	62	180579	96.706	ug/L	99
29) Cyclohexane	5.470	56	186991	94.372	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	215536	94.529	ug/L	99
31) Carbon tetrachloride	5.678	117	197150	93.725	ug/L	99
33) Benzene	6.037	78	481212	94.364	ug/L	100
34) Trichloroethene	7.122	95	132486	94.281	ug/L	98
35) Methylcyclohexane	7.378	83	212821	95.049	ug/L	99
37) 1,2-Dichloropropane	7.427	63	117282	94.253	ug/L	100
38) Bromodichloromethane	7.824	83	182462	95.044	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	195676	98.017	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	297207	196.482	ug/L	100
42) Toluene	8.720	91	549057	95.772	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	192437	99.771	ug/L	97

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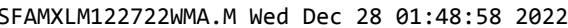
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100610

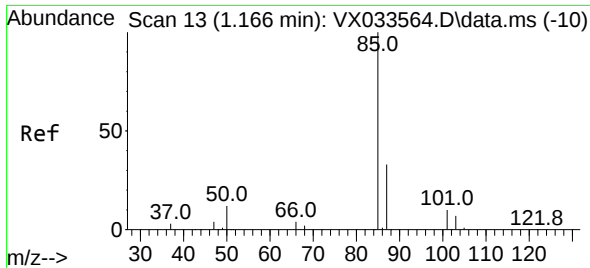
Quant Time: Dec 28 01:48:48 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:46:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	126116	94.768	ug/L	97
46) Tetrachloroethene	9.274	164	110294	93.988	ug/L	98
48) 2-Hexanone	9.433	43	228811	196.028	ug/L	97
49) Dibromochloromethane	9.518	129	158450	96.078	ug/L	97
50) 1,2-Dibromoethane	9.610	107	140256	96.485	ug/L	99
51) Chlorobenzene	10.079	112	358080	94.817	ug/L	99
52) Ethylbenzene	10.195	91	609339	97.246	ug/L	98
53) m,p-Xylene	10.299	106	241649	97.350	ug/L	97
54) o-Xylene	10.640	106	238802	97.526	ug/L	99
55) Styrene	10.652	104	416914	101.808	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	193082	96.825	ug/L	100
59) Bromoform	10.799	173	121547	97.054	ug/L	99
60) Isopropylbenzene	10.963	105	636380	96.093	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	146434	93.450	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	544271	98.082	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	534893	97.960	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	288495	97.011	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	288737	95.376	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	285658	96.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	41927	93.741	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	200449	96.101	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	181792	97.789	ug/L	99
71) Naphthalene	13.774	128	601355	101.533	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	182492	97.958	ug/L	99

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

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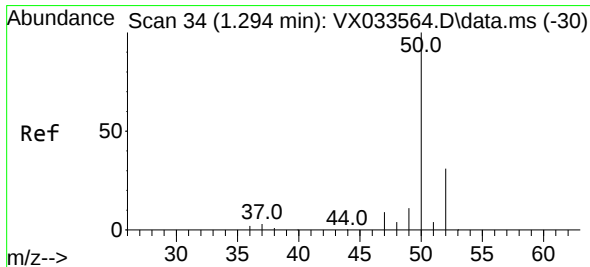
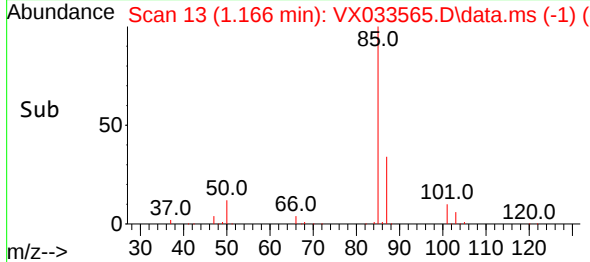
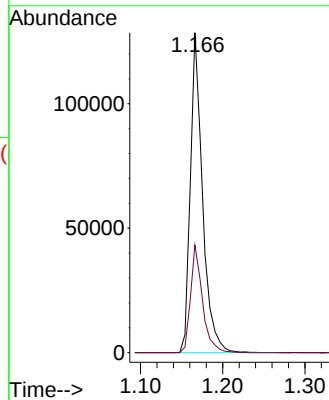
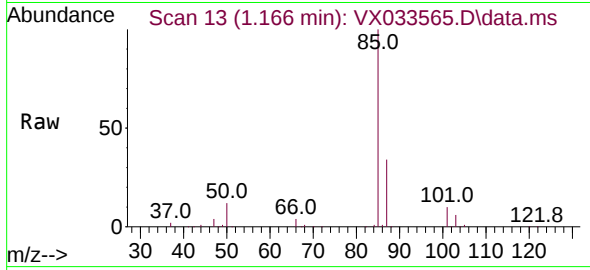




#2
 Dichlorodifluoromethane
 Concen: 94.585 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033565.D
 Acq: 27 Dec 2022 14:48

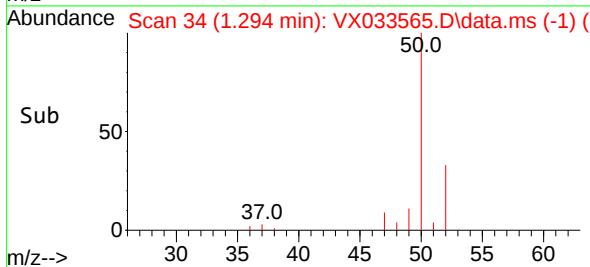
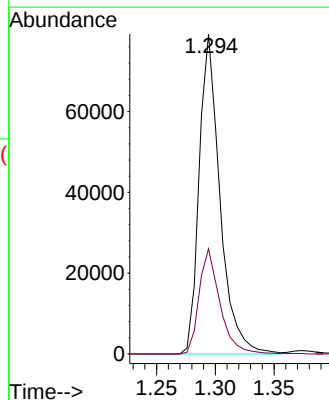
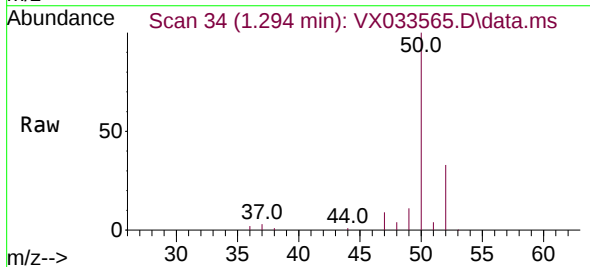
Instrument :
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 ClientSampleId :
 VSTD100610

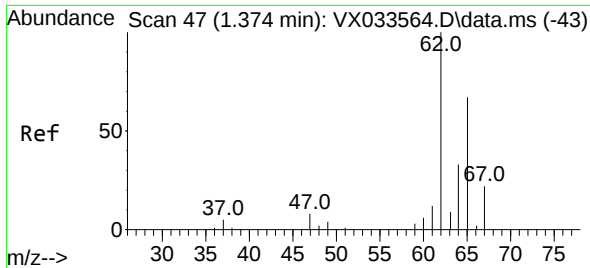
Tgt Ion: 85 Resp: 132107
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.7 40.1



#3
 Chloromethane
 Concen: 93.209 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX033565.D
 Acq: 27 Dec 2022 14:48

Tgt Ion: 50 Resp: 97699
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 41.0

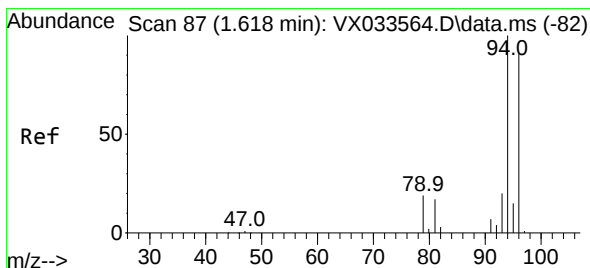
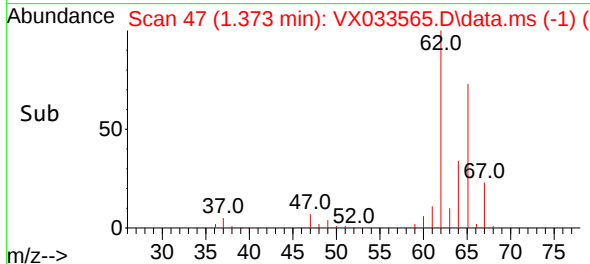
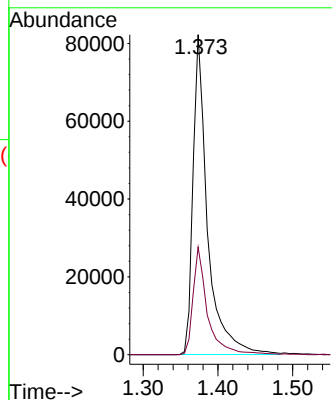
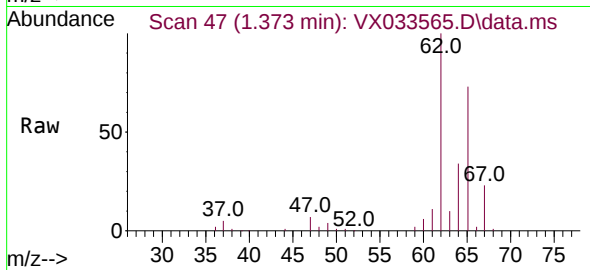




#5
 Vinyl chloride
 Concen: 95.915 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033565.D
 Acq: 27 Dec 2022 14:48

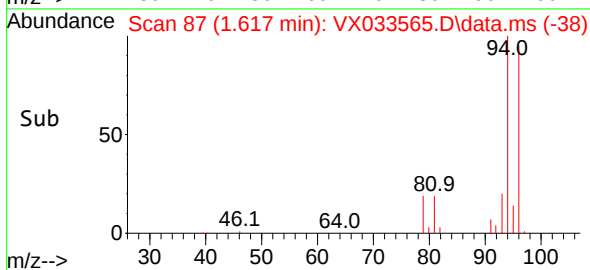
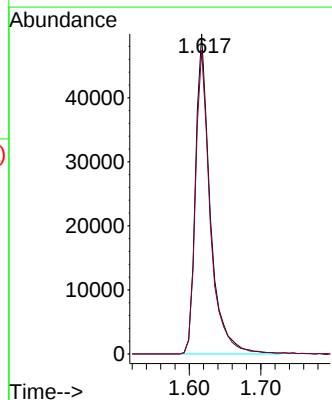
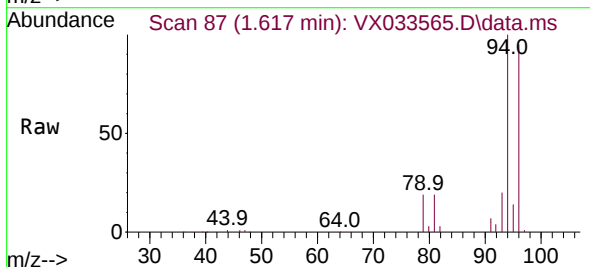
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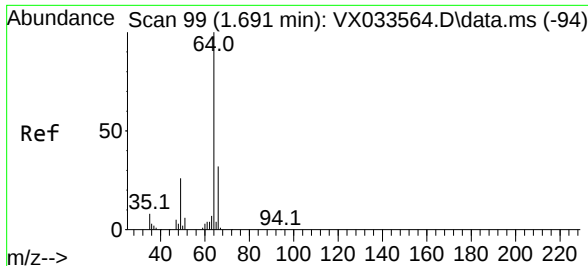
Tgt Ion: 62 Resp: 110643
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 98.511 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX033565.D
 Acq: 27 Dec 2022 14:48

Tgt Ion: 94 Resp: 71417
 Ion Ratio Lower Upper
 94 100
 96 95.0 63.5 117.9

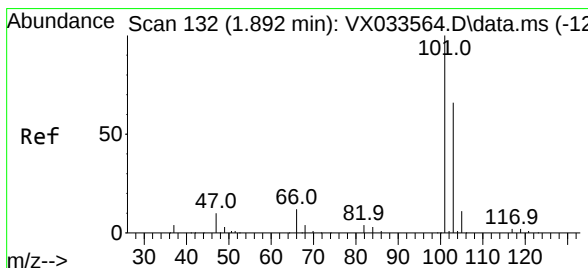
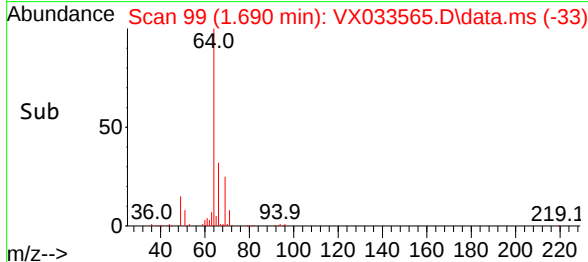
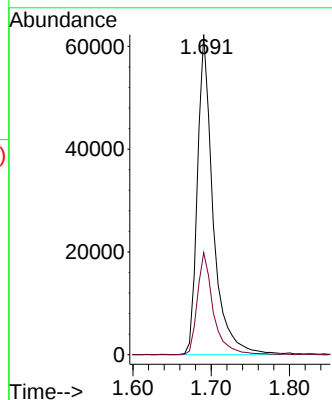
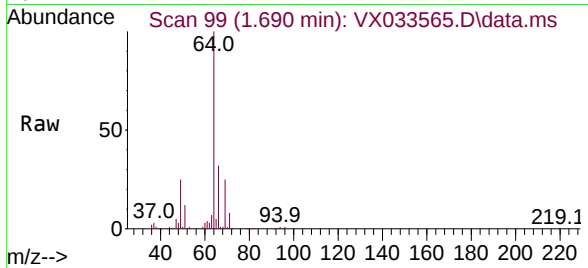




#8
Chloroethane
Concen: 108.636 ug/L
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

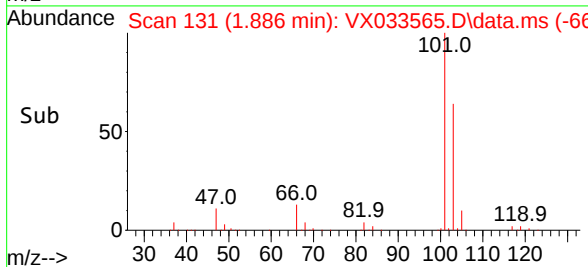
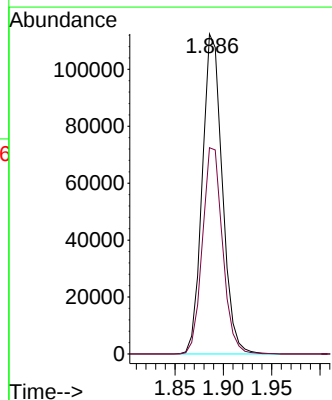
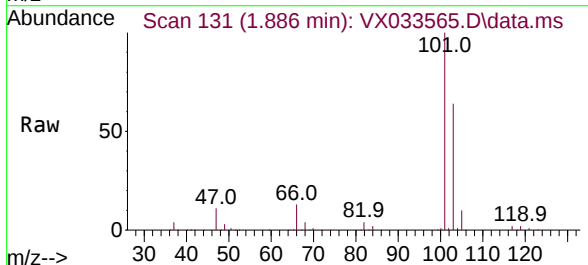
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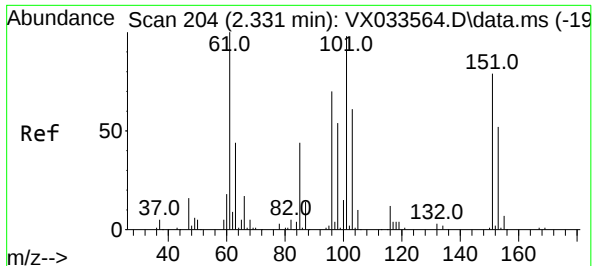
Tgt Ion: 64 Resp: 86689
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 92.876 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion:101 Resp: 162009
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

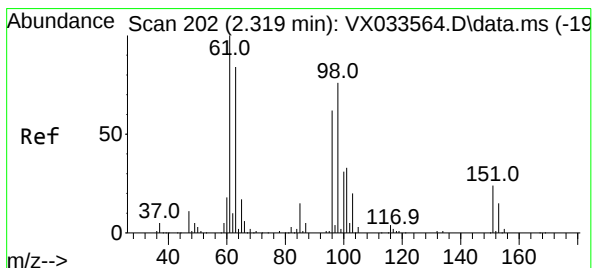
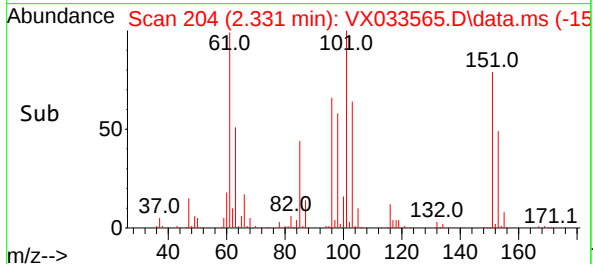
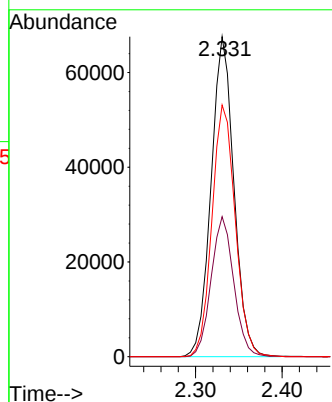
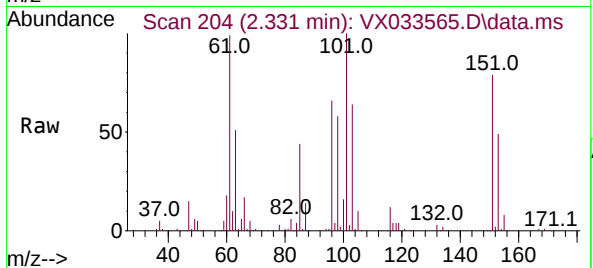




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 108.893 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

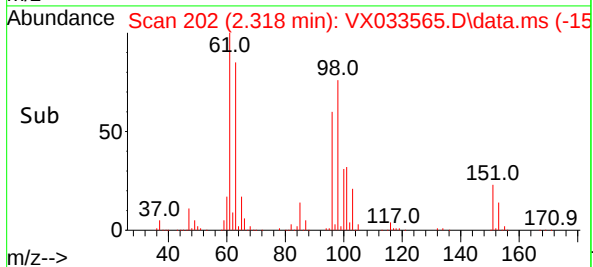
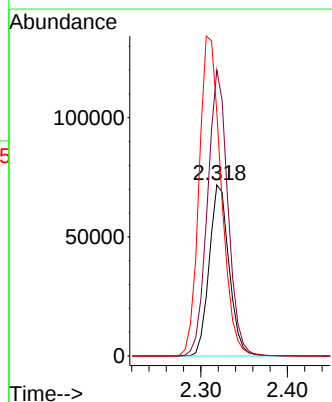
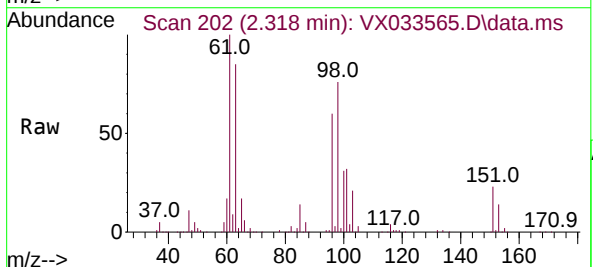
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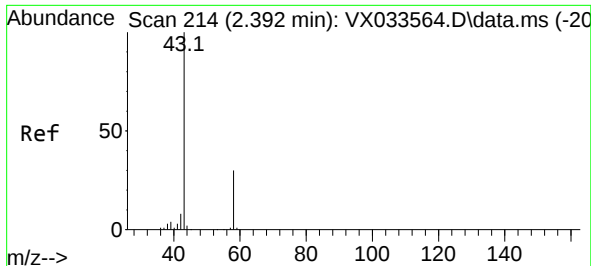
Tgt Ion:101 Resp: 123804
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 80.1 63.3 94.9



#12
1,1-Dichloroethene
Concen: 110.176 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 96 Resp: 114099
Ion Ratio Lower Upper
96 100
61 167.1 112.7 209.3
63 142.4 97.0 180.2





#13

Acetone

Concen: 212.903 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

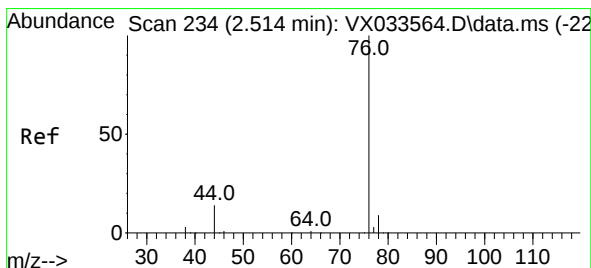
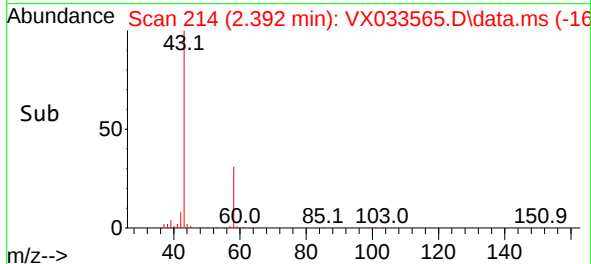
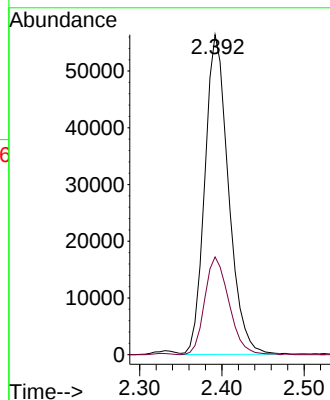
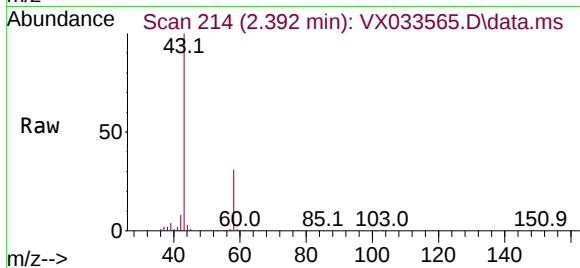
VSTD100610

Tgt Ion: 43 Resp: 112584

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.4



#14

Carbon disulfide

Concen: 99.303 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033565.D

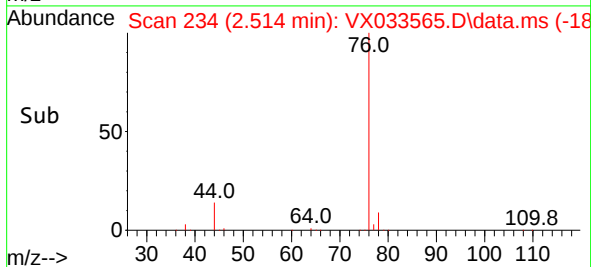
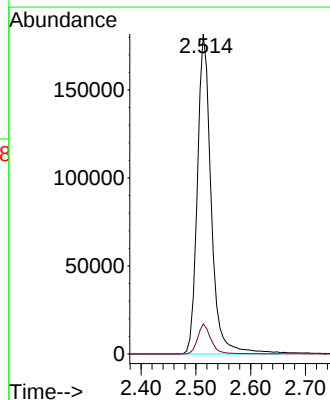
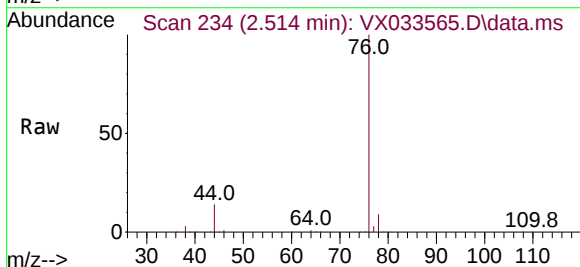
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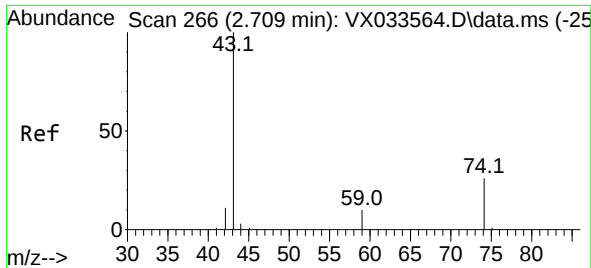
Tgt Ion: 76 Resp: 319295

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

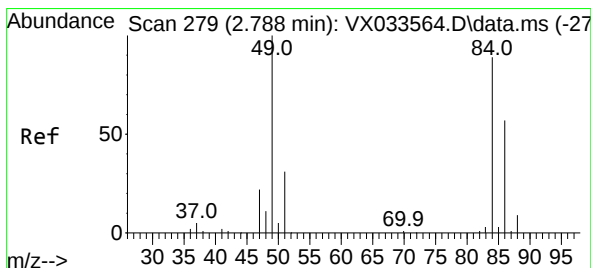
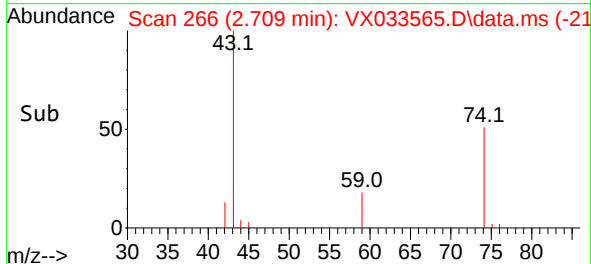
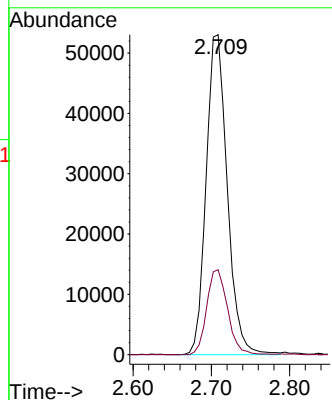
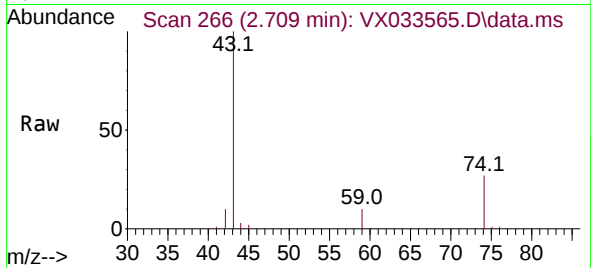




#15
Methyl Acetate
Concen: 102.457 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

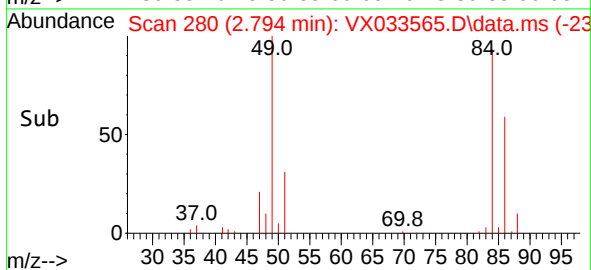
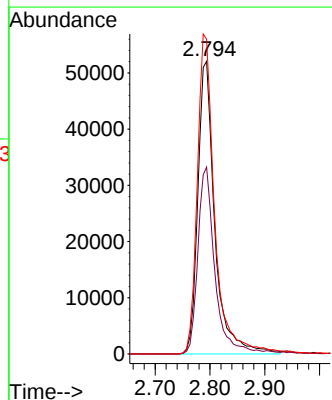
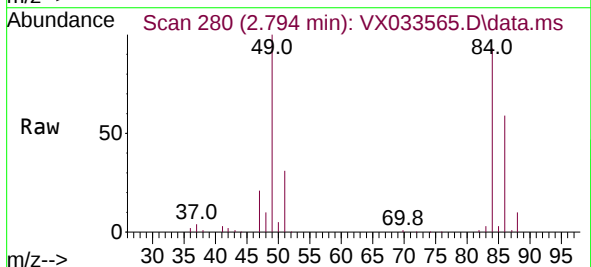
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

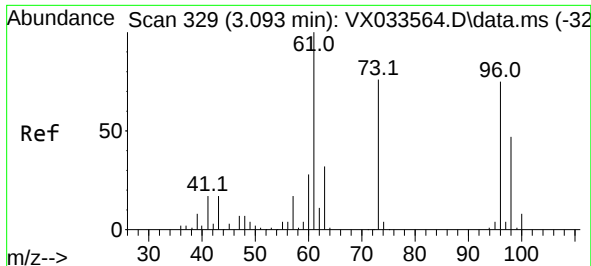
Tgt Ion: 43 Resp: 99332
Ion Ratio Lower Upper
43 100
74 26.2 20.6 30.8



#16
Methylene chloride
Concen: 99.551 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 84 Resp: 112646
Ion Ratio Lower Upper
84 100
86 63.8 44.9 83.5
49 107.6 79.0 146.8

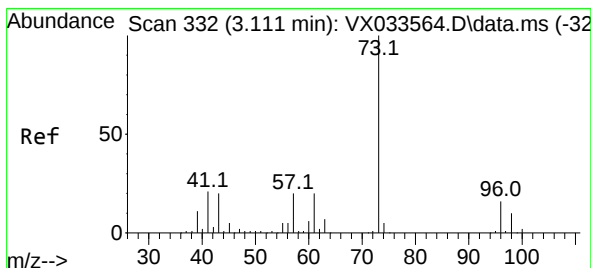
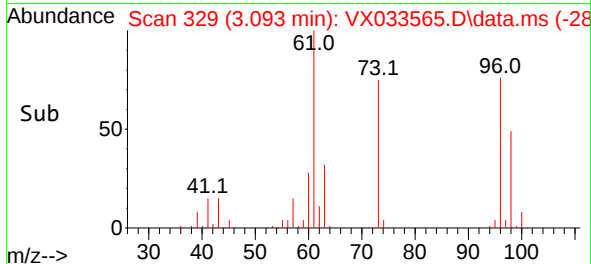
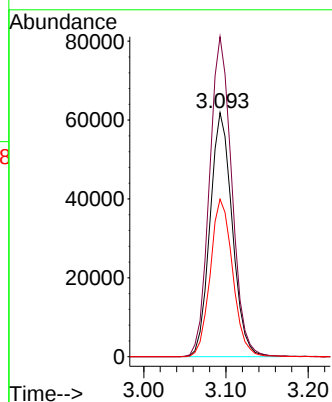
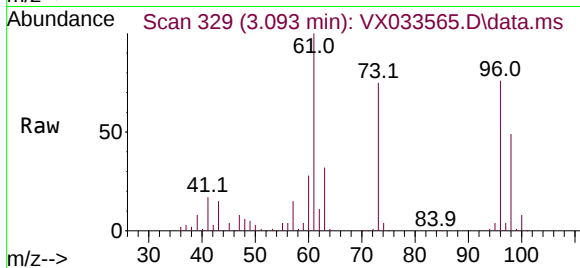




#17
trans-1,2-Dichloroethene
Concen: 99.500 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

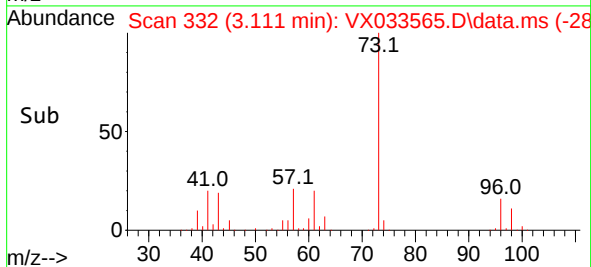
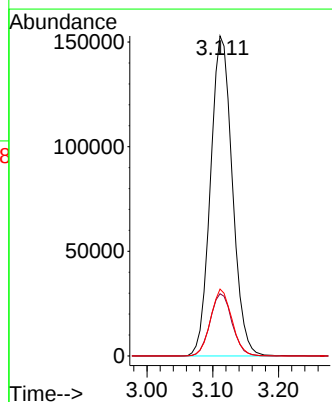
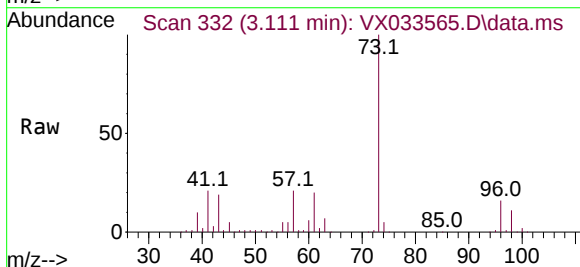
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

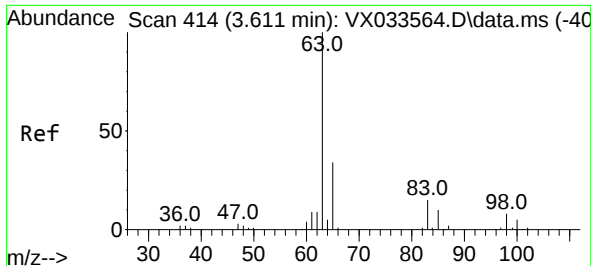
Tgt Ion: 96 Resp: 116427
Ion Ratio Lower Upper
96 100
61 131.2 93.0 172.8
98 64.5 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 101.980 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 73 Resp: 353400
Ion Ratio Lower Upper
73 100
43 19.6 15.6 23.4
57 20.3 16.2 24.4





#19

1,1-Dichloroethane

Concen: 95.475 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD100610

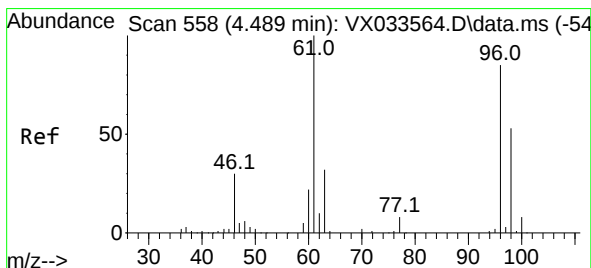
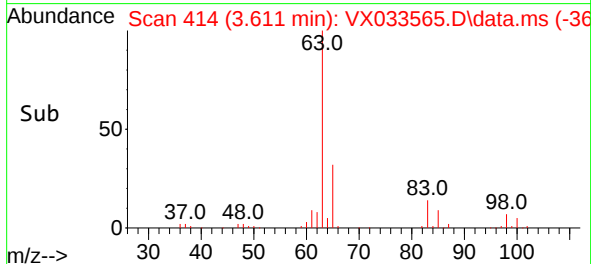
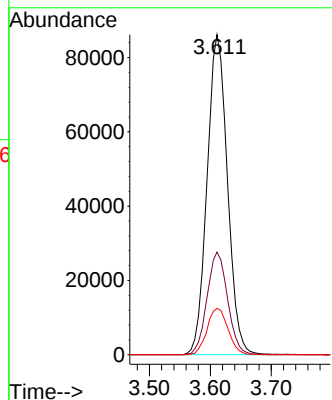
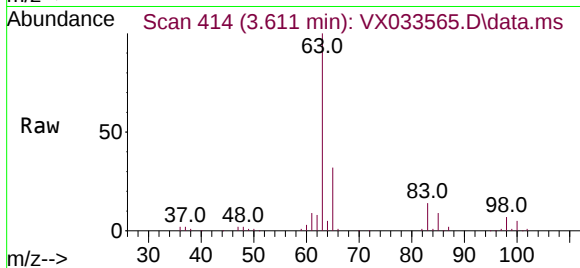
Tgt Ion: 63 Resp: 200143

Ion Ratio Lower Upper

63 100

65 32.1 23.4 43.6

83 14.4 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 97.126 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

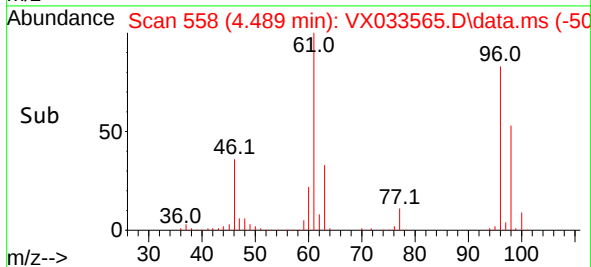
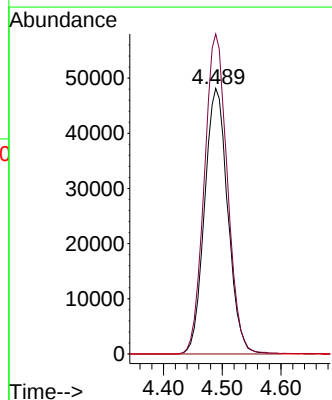
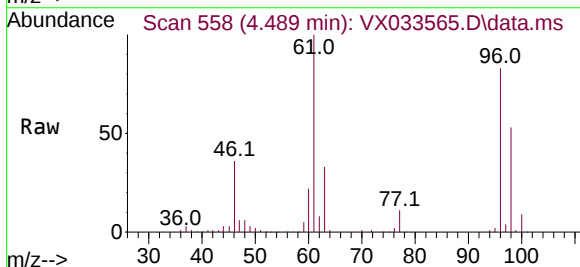
Tgt Ion: 96 Resp: 132152

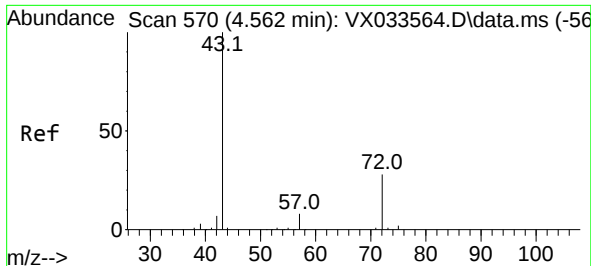
Ion Ratio Lower Upper

96 100

61 120.5 82.9 153.9

68 0.0 0.0 0.0

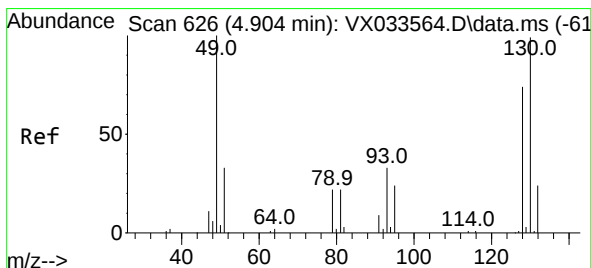
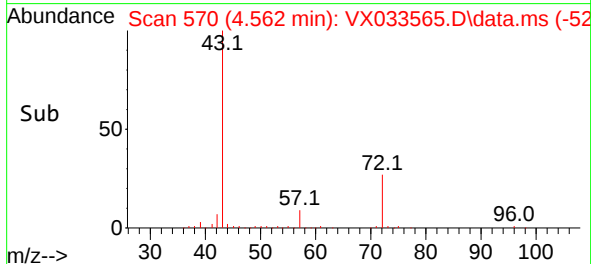
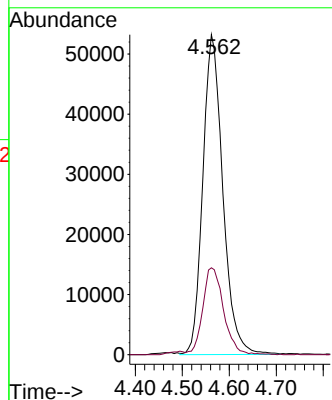
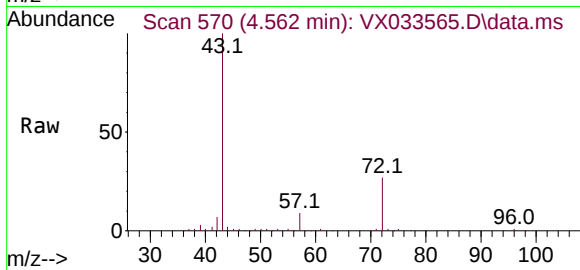




#22
2-Butanone
Concen: 196.479 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

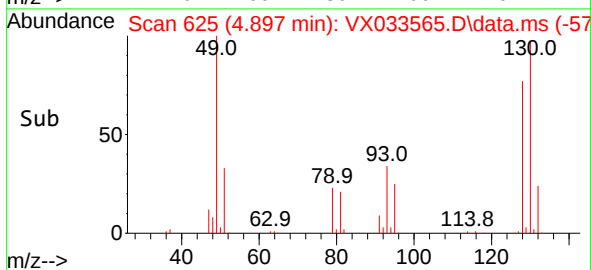
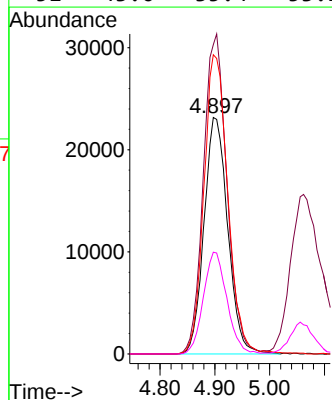
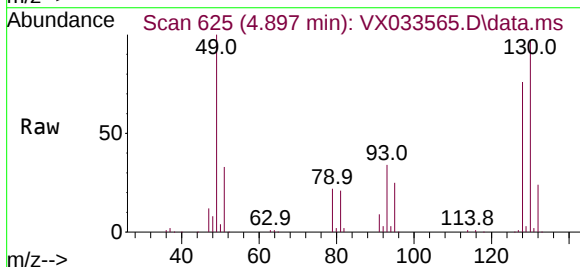
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

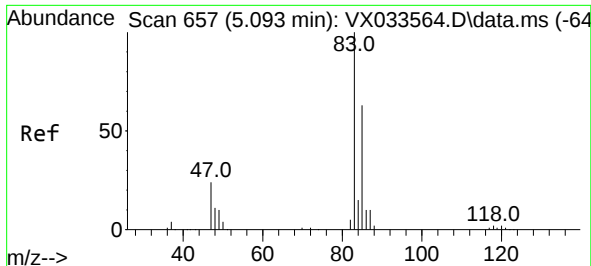
Tgt Ion: 43 Resp: 157478
Ion Ratio Lower Upper
43 100
72 27.3 13.5 40.4



#23
Bromochloromethane
Concen: 96.797 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion:128 Resp: 69557
Ion Ratio Lower Upper
128 100
49 130.8 95.2 176.8
130 126.5 94.0 174.6
51 43.0 35.4 53.2

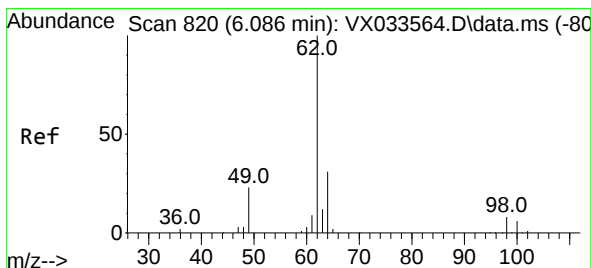
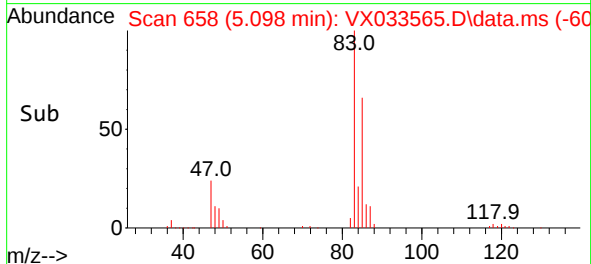
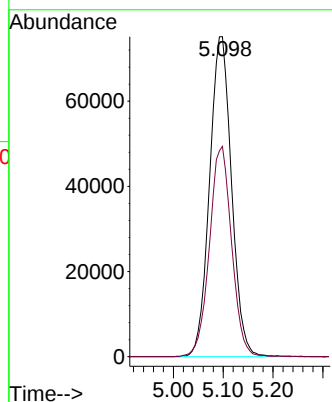
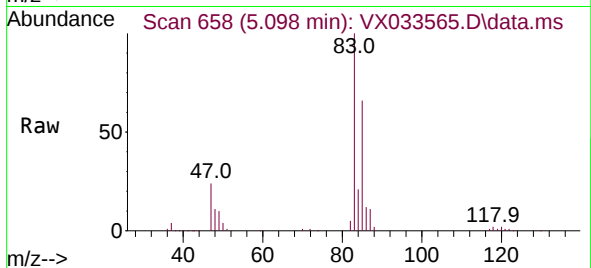




#25
Chloroform
Concen: 95.823 ug/L
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

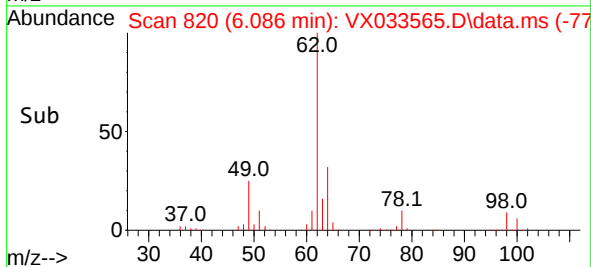
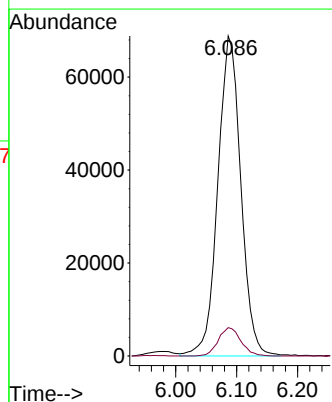
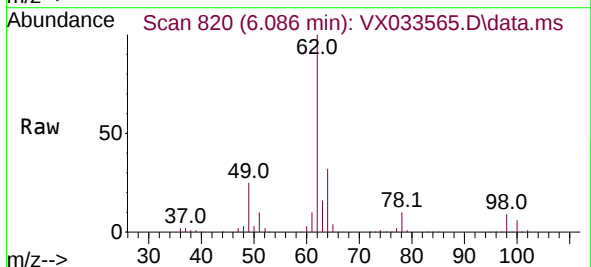
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

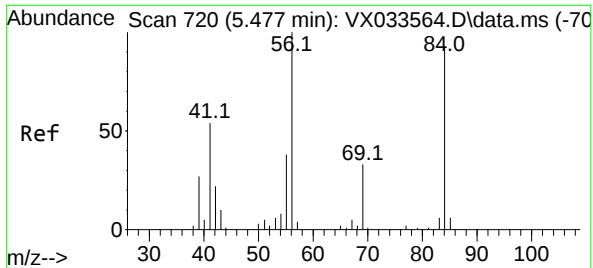
Tgt Ion: 83 Resp: 230024
Ion Ratio Lower Upper
83 100
85 65.8 44.4 82.5



#27
1,2-Dichloroethane
Concen: 96.706 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 62 Resp: 180579
Ion Ratio Lower Upper
62 100
98 8.9 6.7 10.1

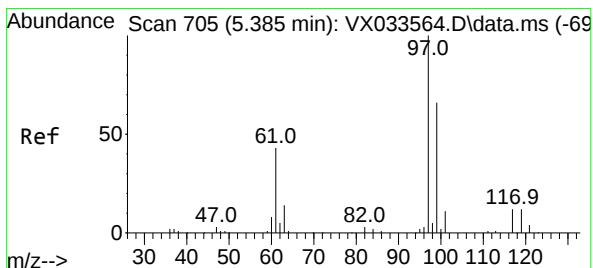
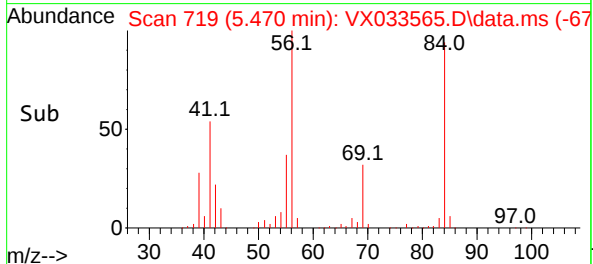
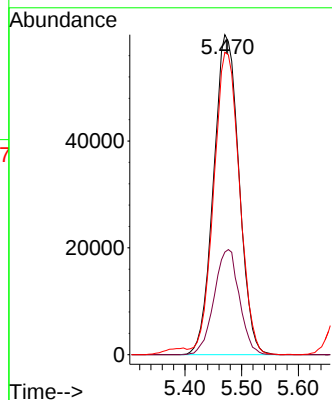
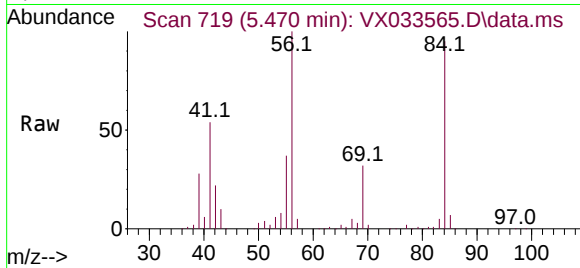




#29
Cyclohexane
Concen: 94.372 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

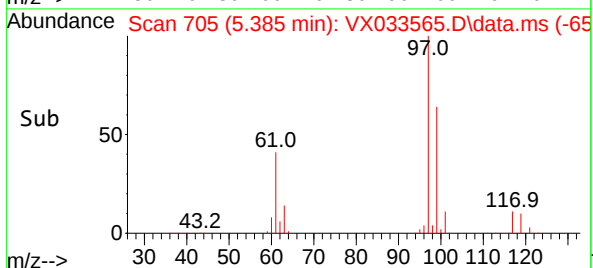
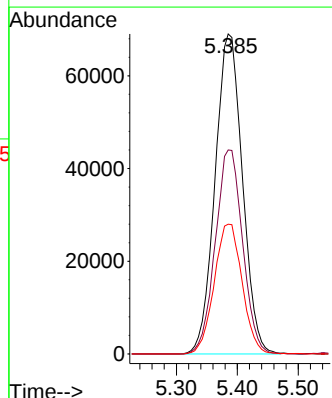
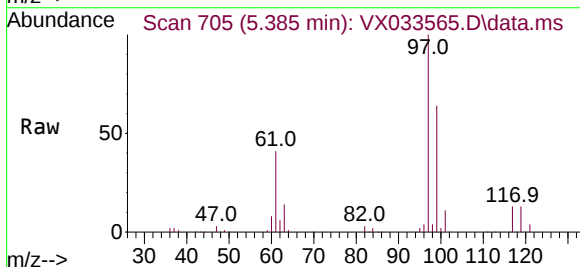
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

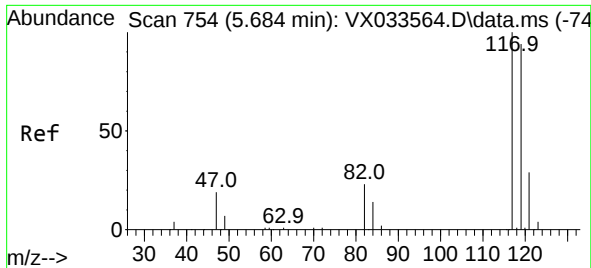
Tgt Ion: 56	Resp: 186991
Ion Ratio	Lower Upper
56 100	
69 32.5	25.9 38.9
84 95.7	75.7 113.5



#30
1,1,1-Trichloroethane
Concen: 94.529 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 97	Resp: 215536
Ion Ratio	Lower Upper
97 100	
99 63.7	51.5 77.3
61 41.4	33.4 50.0

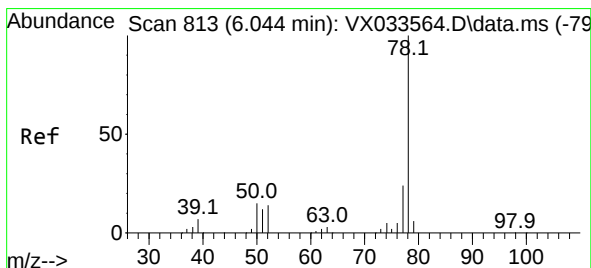
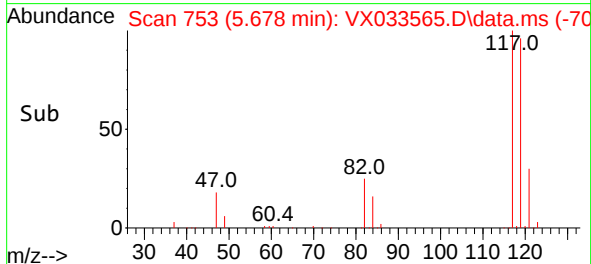
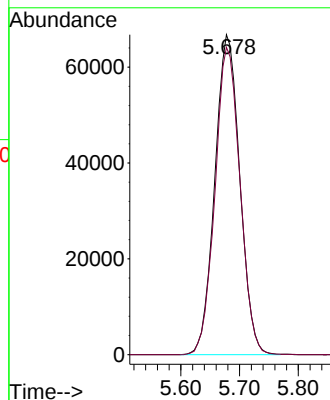
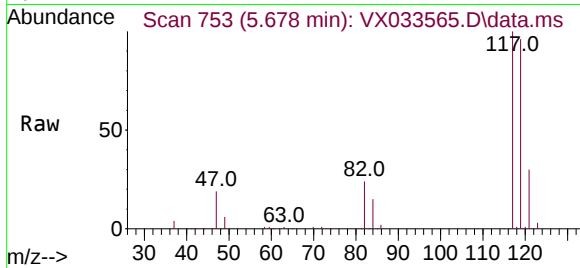




#31
Carbon tetrachloride
Concen: 93.725 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

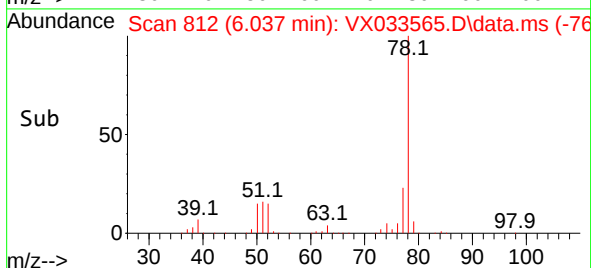
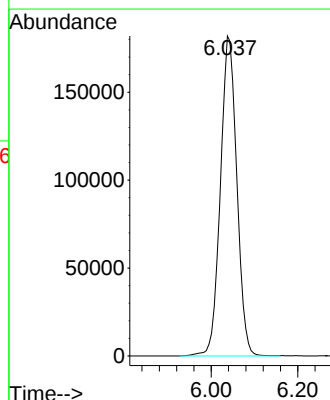
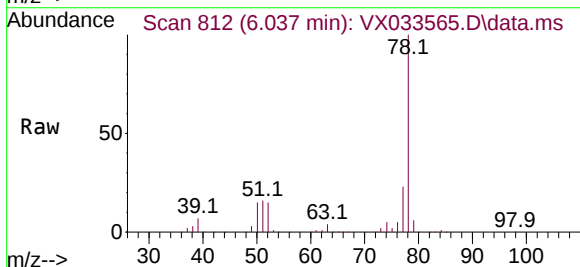
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

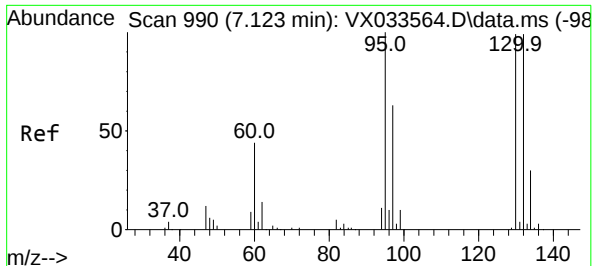
Tgt Ion:117 Resp: 197150
Ion Ratio Lower Upper
117 100
119 96.2 75.9 113.9



#33
Benzene
Concen: 94.364 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 78 Resp: 481212

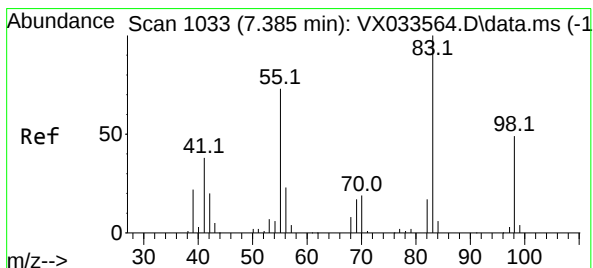
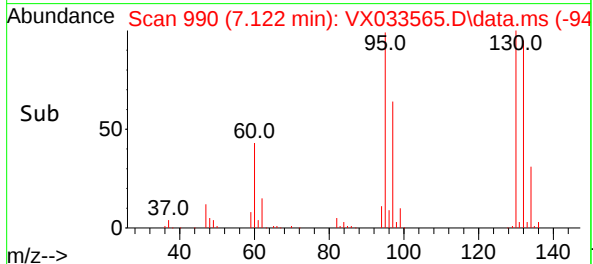
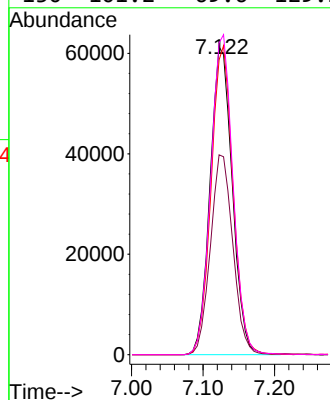
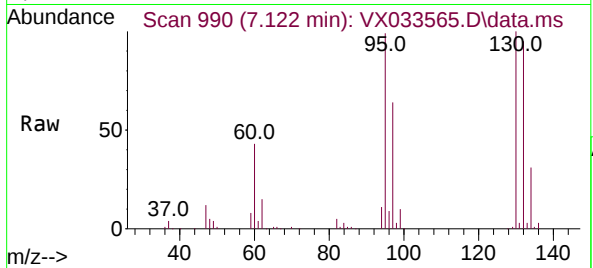




#34
Trichloroethene
Concen: 94.281 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

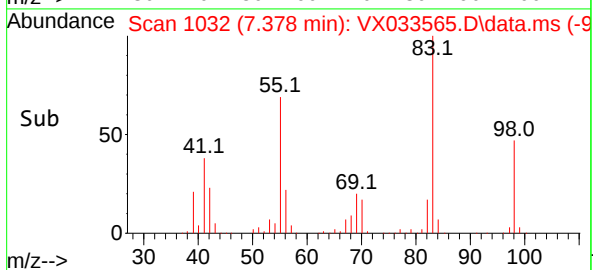
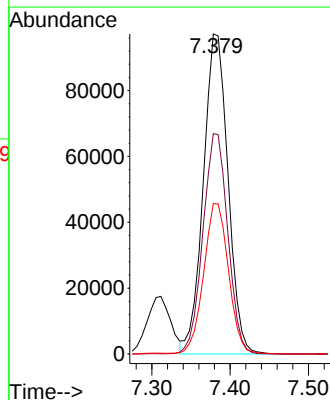
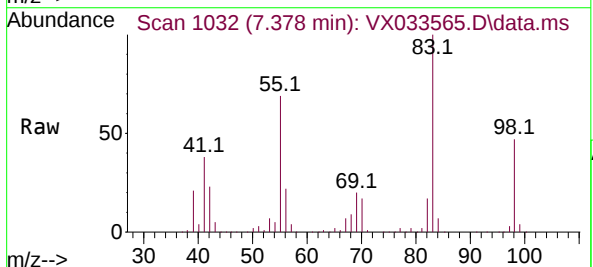
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

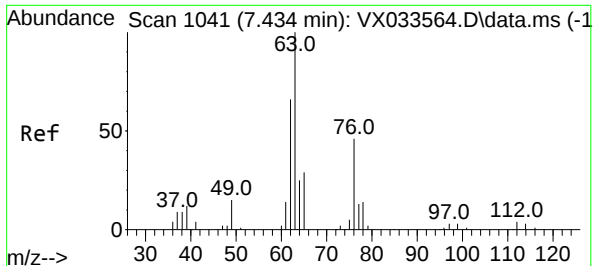
Tgt Ion: 95 Resp: 132486
Ion Ratio Lower Upper
95 100
97 64.9 44.2 82.2
132 95.7 69.2 128.4
130 101.2 69.6 129.2



#35
Methylcyclohexane
Concen: 95.049 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 83 Resp: 212821
Ion Ratio Lower Upper
83 100
55 69.2 56.2 84.2
98 47.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 94.253 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

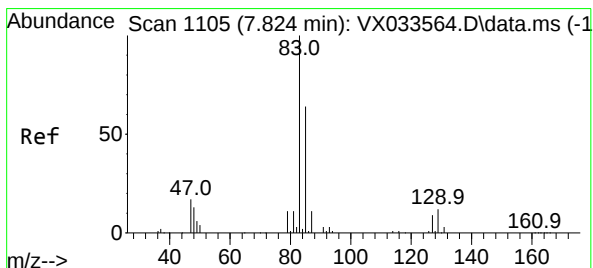
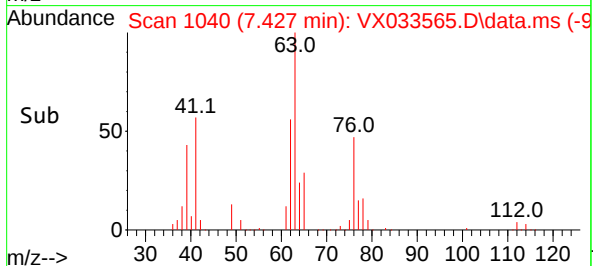
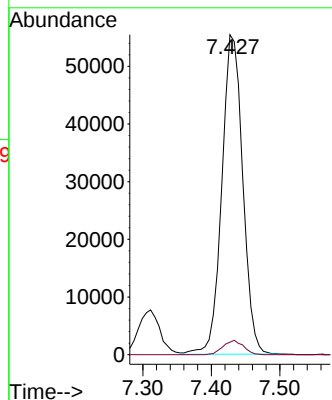
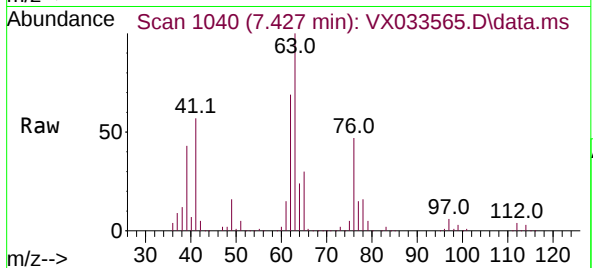
VSTD100610

Tgt Ion: 63 Resp: 117282

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 95.044 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

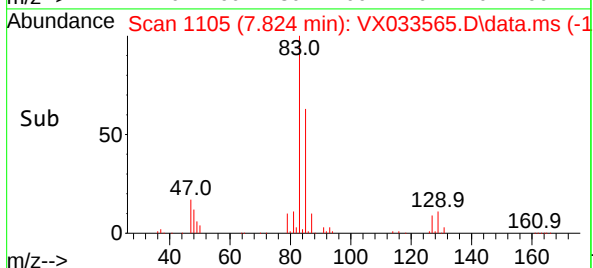
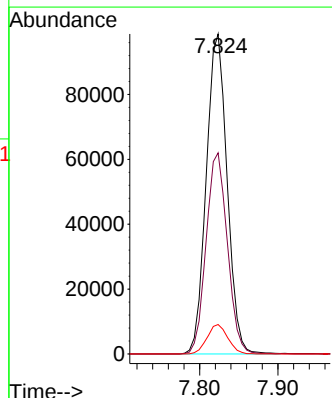
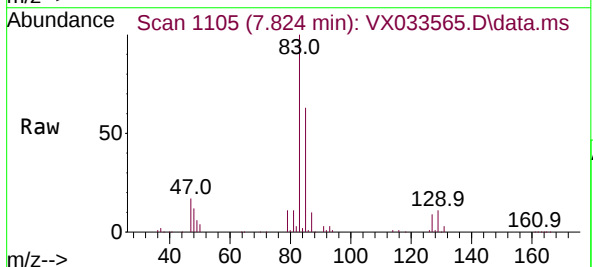
Tgt Ion: 83 Resp: 182462

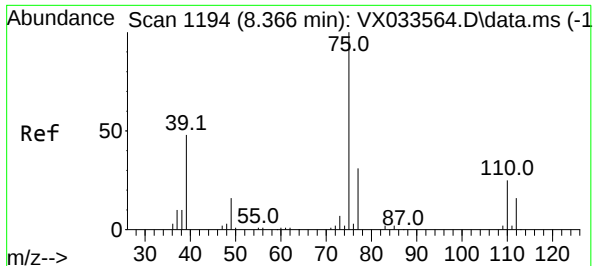
Ion Ratio Lower Upper

83 100

85 62.9 44.7 83.1

127 9.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 98.017 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

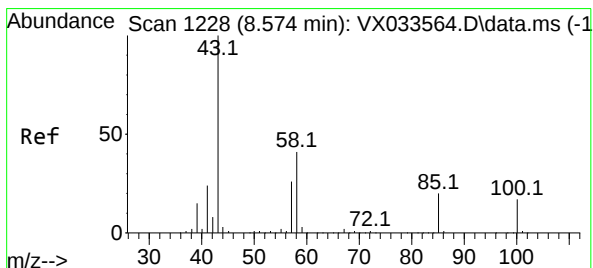
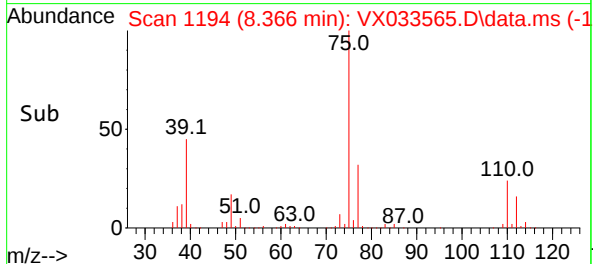
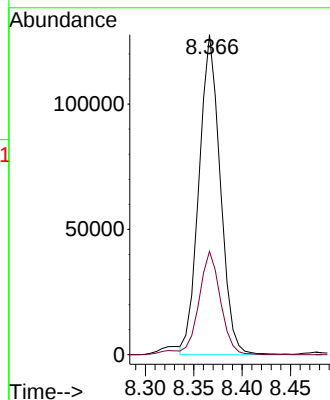
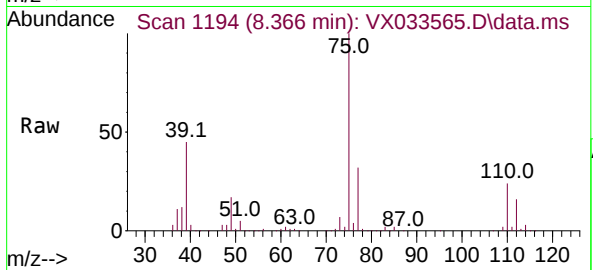
VSTD100610

Tgt Ion: 75 Resp: 195676

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 196.482 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

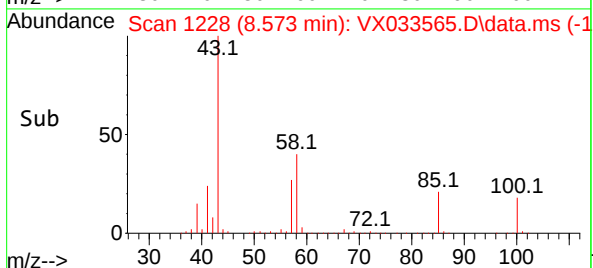
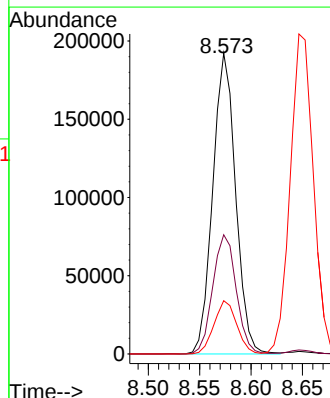
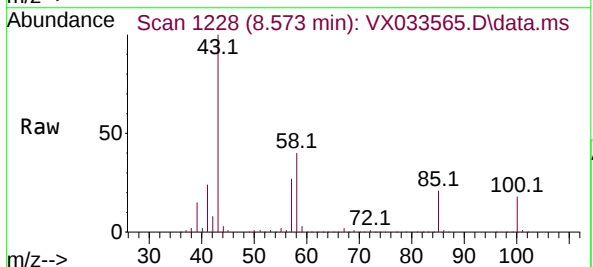
Tgt Ion: 43 Resp: 297207

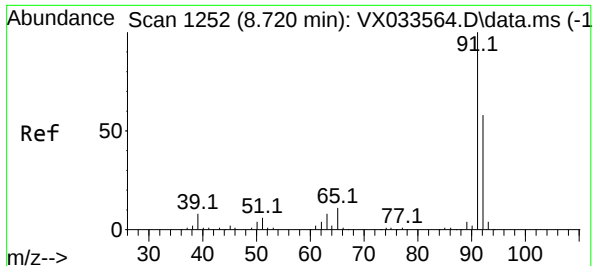
Ion Ratio Lower Upper

43 100

58 40.7 32.6 49.0

100 17.6 13.8 20.8





#42

Toluene

Concen: 95.772 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

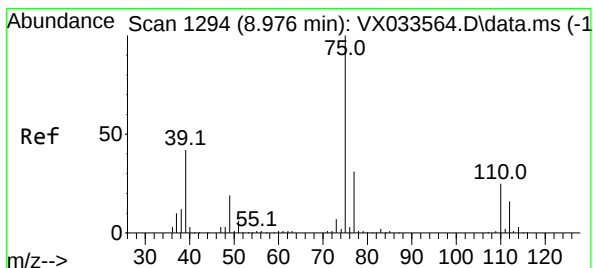
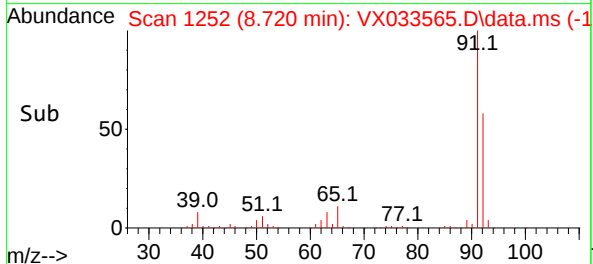
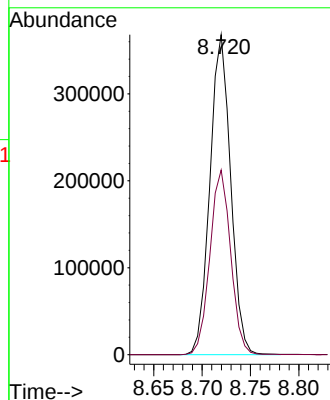
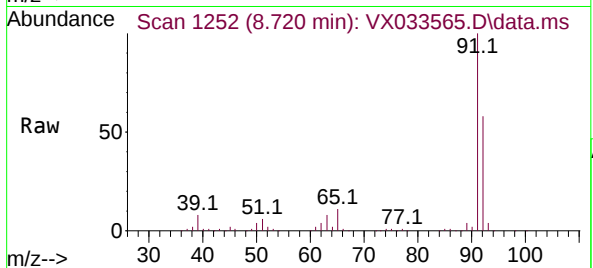
VSTD100610

Tgt Ion: 91 Resp: 549057

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 99.771 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX033565.D

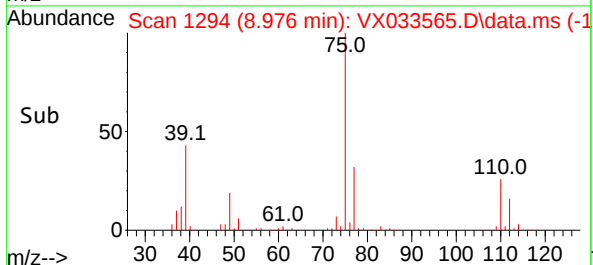
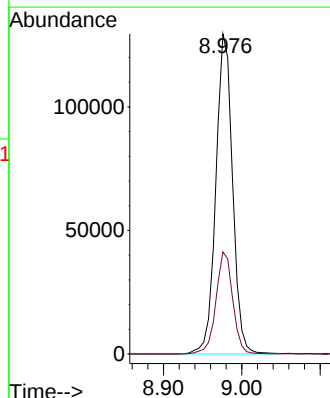
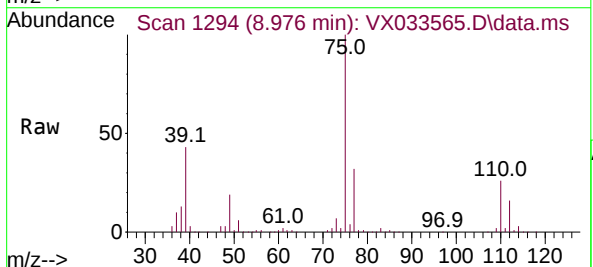
Acq: 27 Dec 2022 14:48

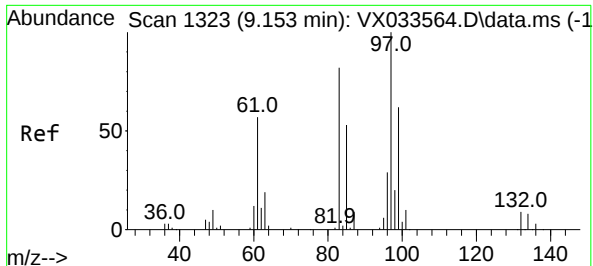
Tgt Ion: 75 Resp: 192437

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 94.768 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD100610

Tgt Ion: 97 Resp: 126116

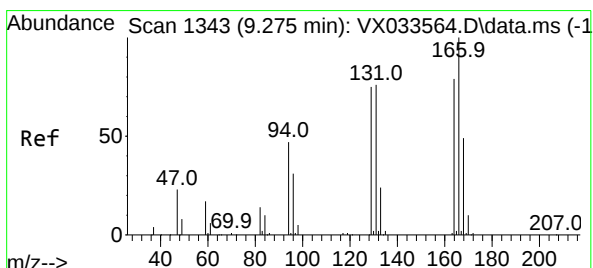
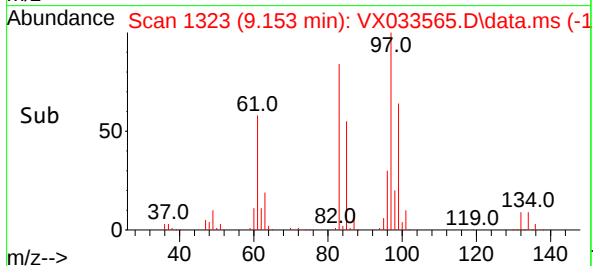
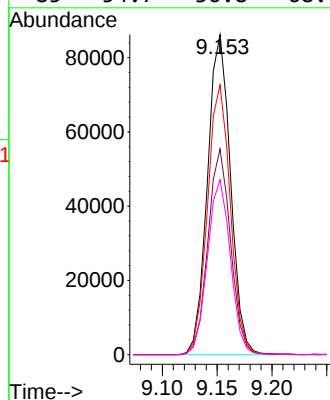
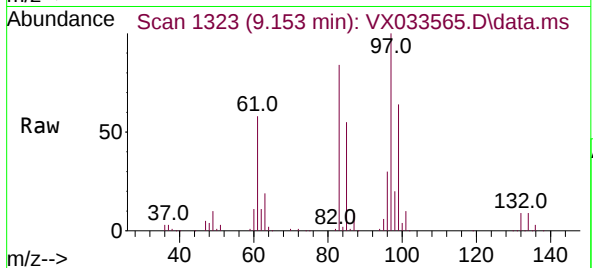
Ion Ratio Lower Upper

97 100

99 64.2 43.6 81.0

83 84.2 57.4 106.6

85 54.7 36.8 68.4



#46

Tetrachloroethene

Concen: 93.988 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Tgt Ion:164 Resp: 110294

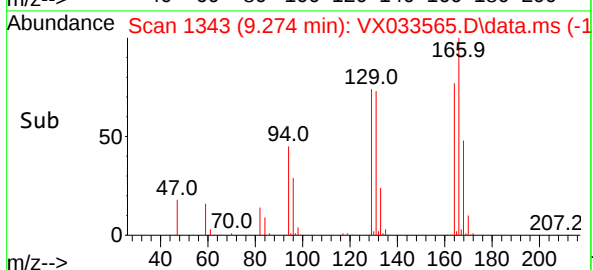
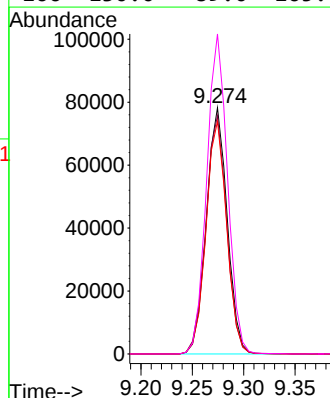
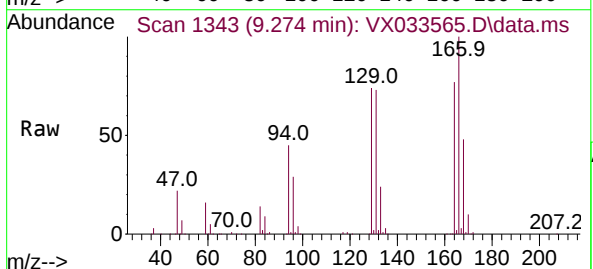
Ion Ratio Lower Upper

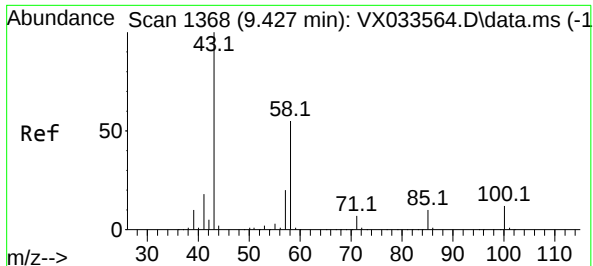
164 100

129 96.8 66.4 123.2

131 94.5 67.8 125.8

166 130.0 89.0 165.4



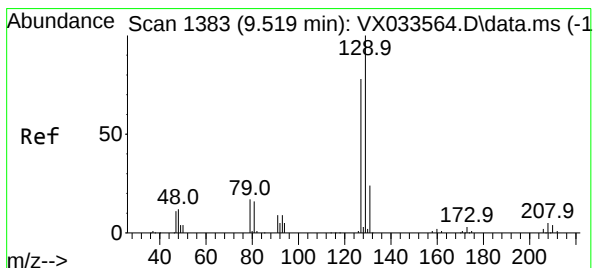
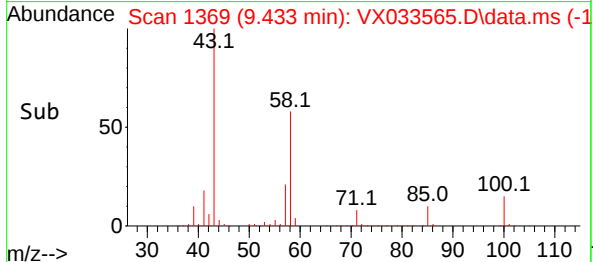
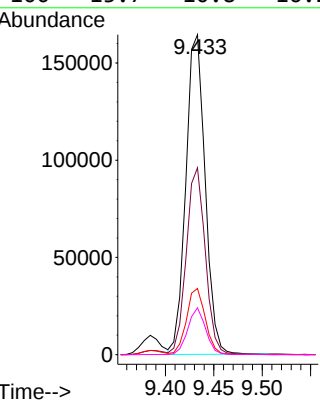
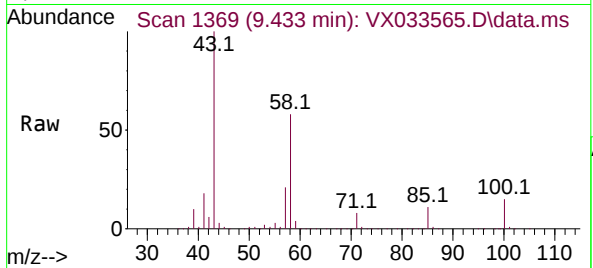


#48
2-Hexanone
Concen: 196.028 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

Tgt Ion: 43 Resp: 228811

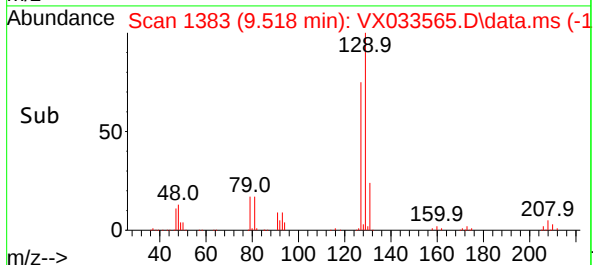
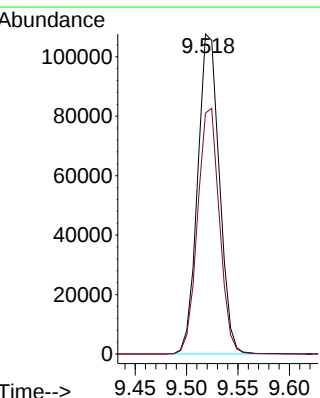
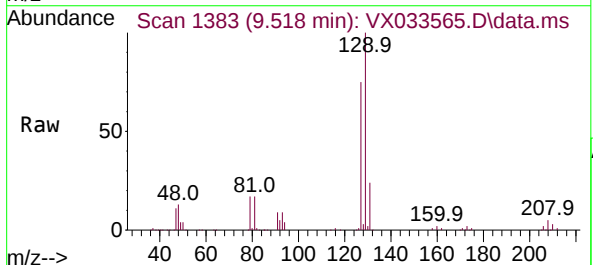
Ion	Ratio	Lower	Upper
43	100		
58	57.7	43.7	65.5
57	20.2	15.9	23.9
100	13.7	10.8	16.2

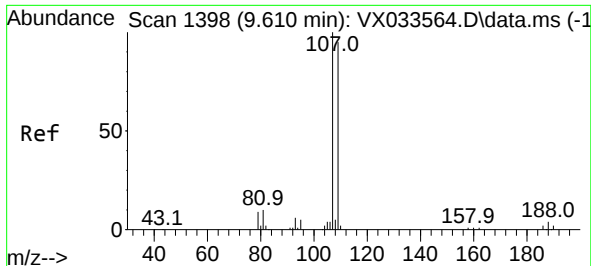


#49
Dibromochloromethane
Concen: 96.078 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 129 Resp: 158450

Ion	Ratio	Lower	Upper
129	100		
127	75.3	54.5	101.3

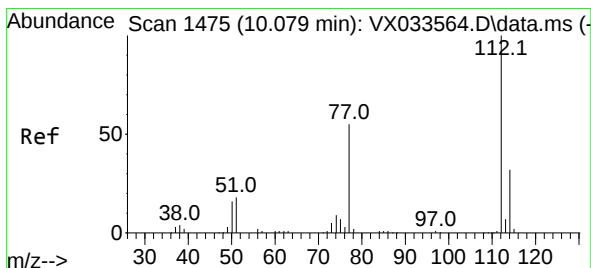
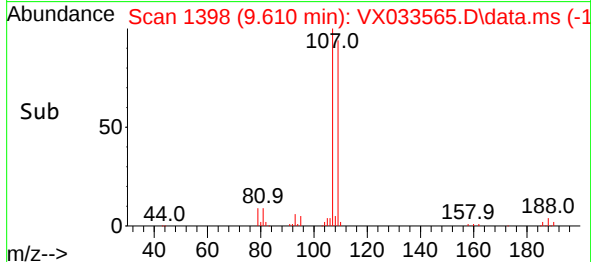
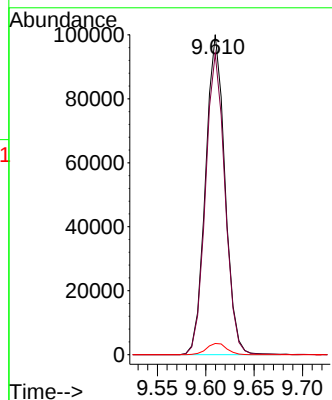
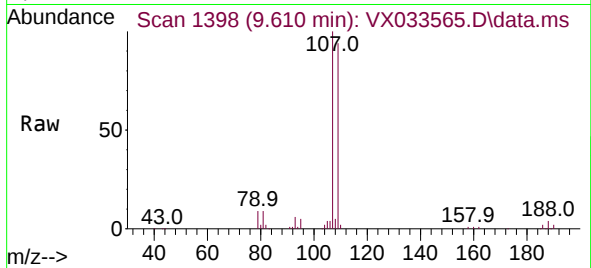




#50
1,2-Dibromoethane
Concen: 96.485 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

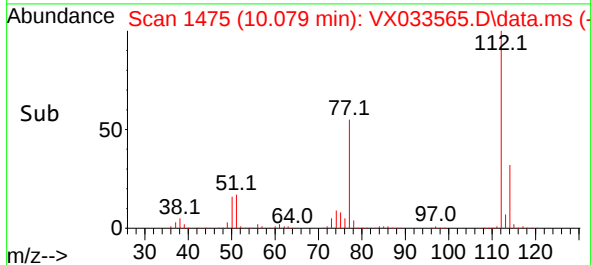
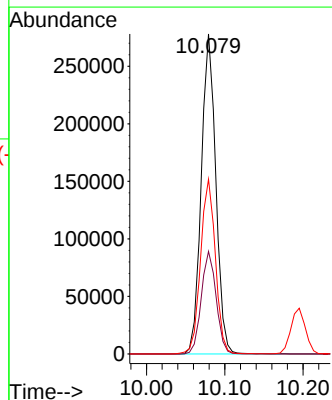
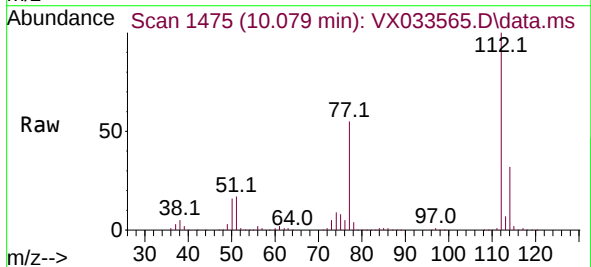
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

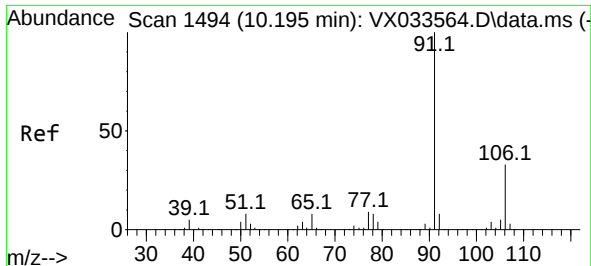
Tgt Ion:107 Resp: 140256
Ion Ratio Lower Upper
107 100
109 94.1 66.4 123.2
188 3.5 3.0 4.4



#51
Chlorobenzene
Concen: 94.817 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion:112 Resp: 358080
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.1
77 54.6 44.7 67.1





#52

Ethylbenzene

Concen: 97.246 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

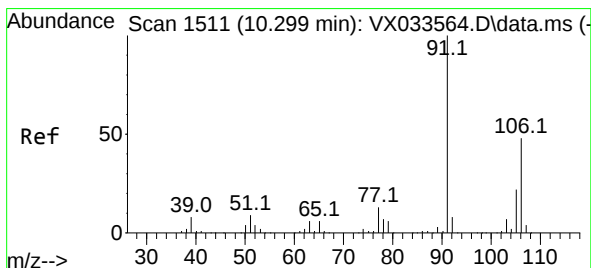
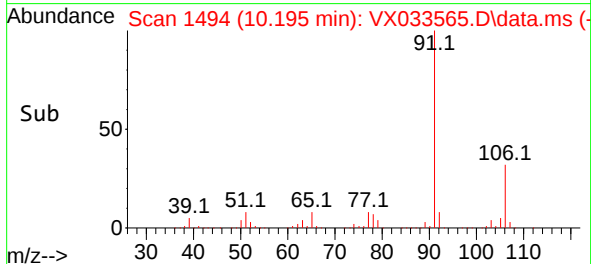
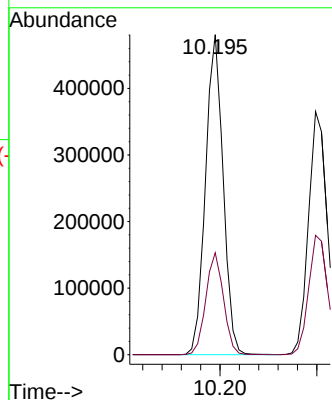
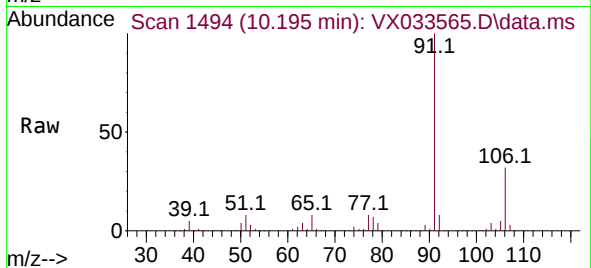
VSTD100610

Tgt Ion: 91 Resp: 609339

Ion Ratio Lower Upper

91 100

106 31.8 23.1 42.9



#53

m,p-Xylene

Concen: 97.350 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033565.D

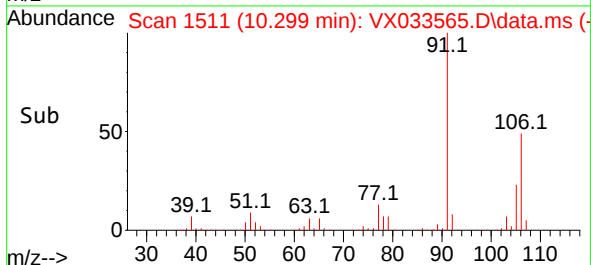
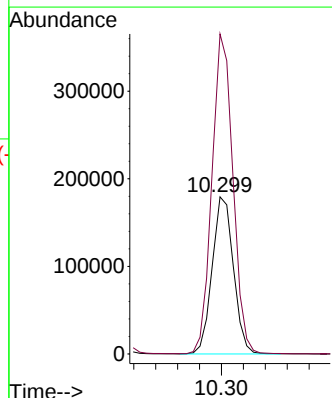
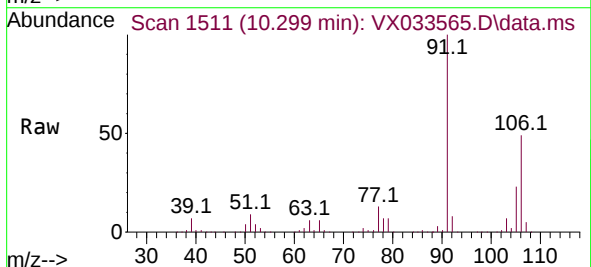
Acq: 27 Dec 2022 14:48

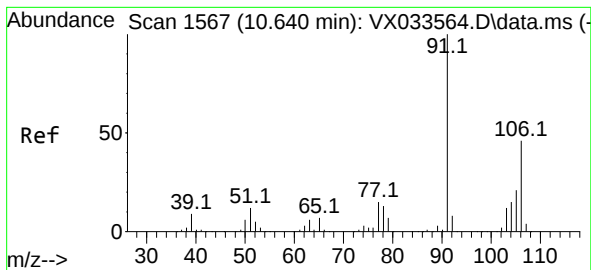
Tgt Ion:106 Resp: 241649

Ion Ratio Lower Upper

106 100

91 203.6 145.9 271.1





#54

o-Xylene

Concen: 97.526 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

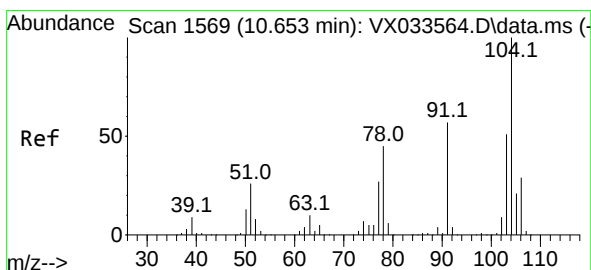
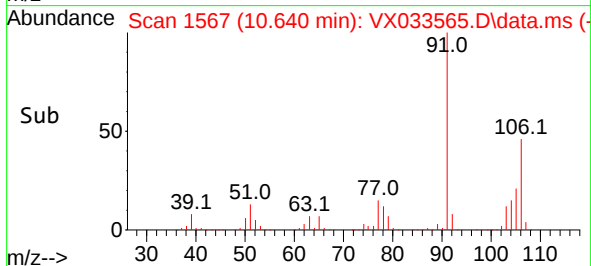
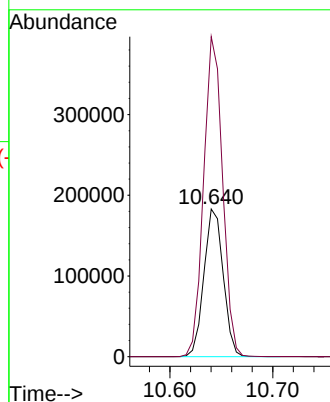
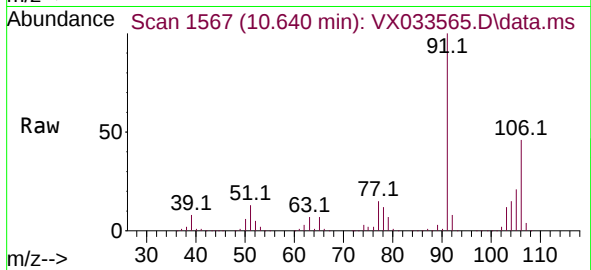
VSTD100610

Tgt Ion:106 Resp: 238802

Ion Ratio Lower Upper

106 100

91 216.7 152.3 282.9



#55

Styrene

Concen: 101.808 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX033565.D

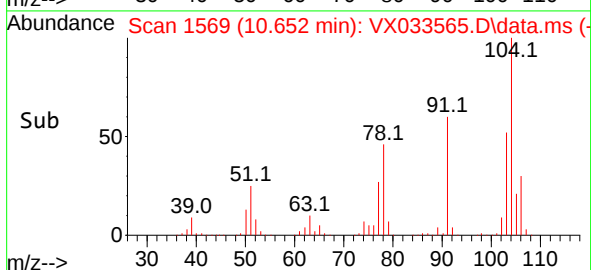
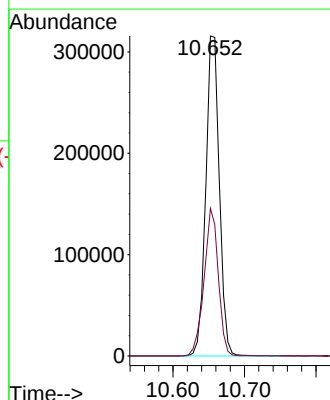
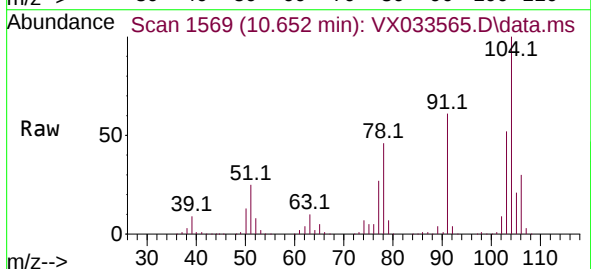
Acq: 27 Dec 2022 14:48

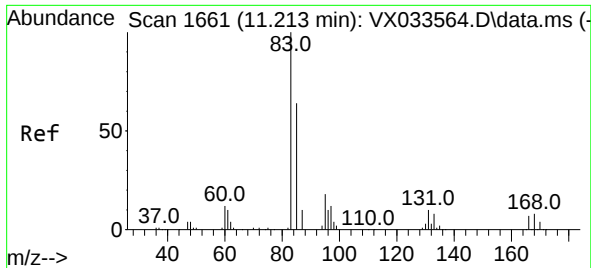
Tgt Ion:104 Resp: 416914

Ion Ratio Lower Upper

104 100

78 46.2 31.8 59.0

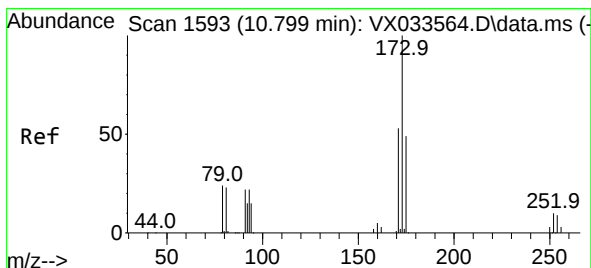
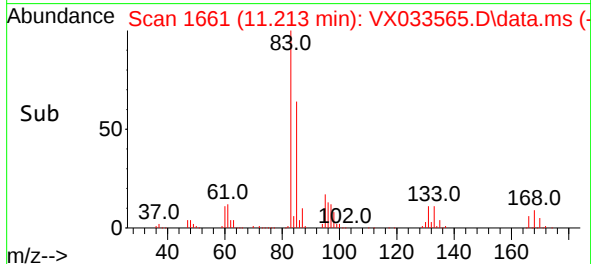
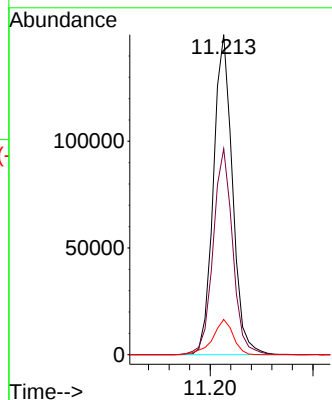
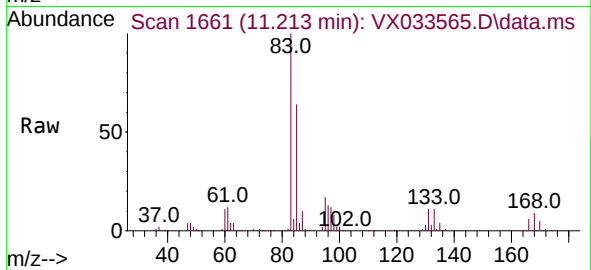




#57
1,1,2,2-Tetrachloroethane
Concen: 96.825 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

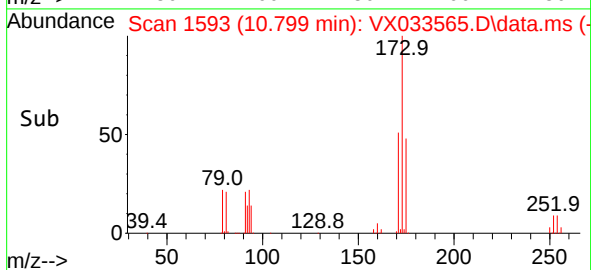
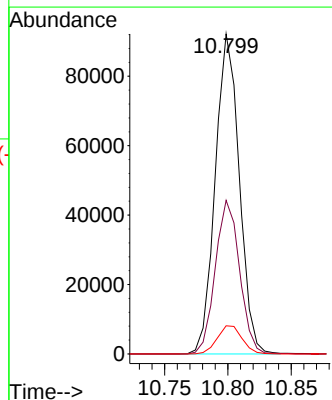
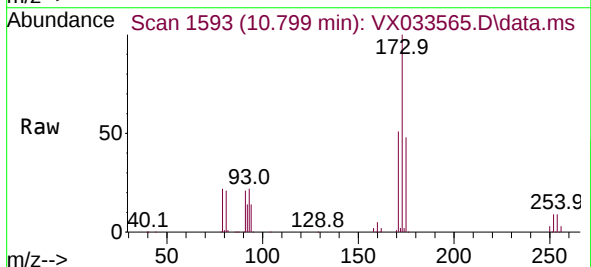
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

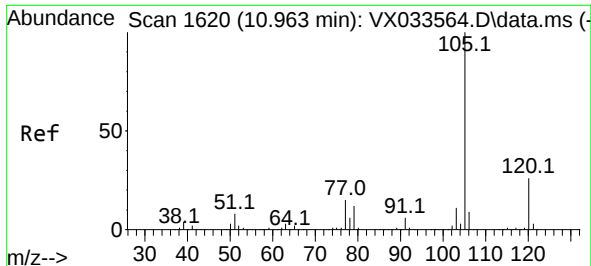
Tgt Ion: 83 Resp: 193082
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
131 11.0 8.4 12.6



#59
Bromoform
Concen: 97.054 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 173 Resp: 121547
Ion Ratio Lower Upper
173 100
175 48.5 39.7 59.5
254 9.2 7.4 11.0

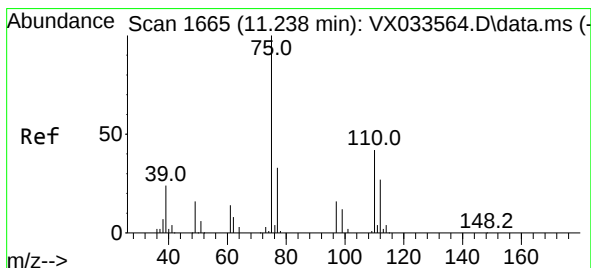
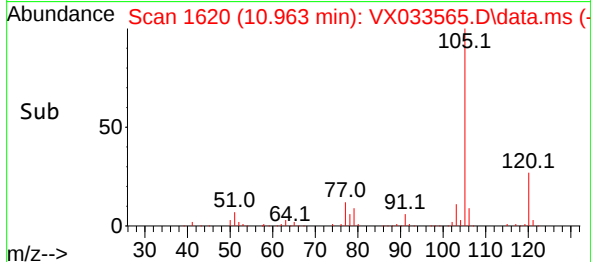
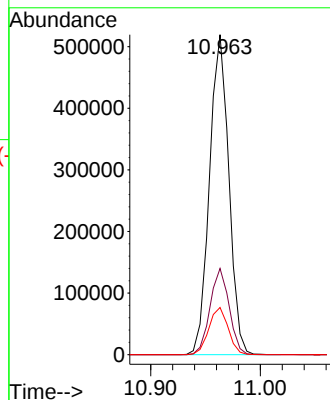
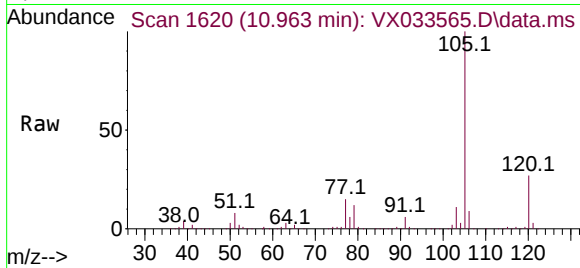




#60
Isopropylbenzene
Concen: 96.093 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

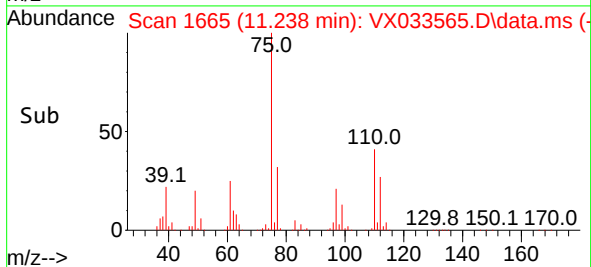
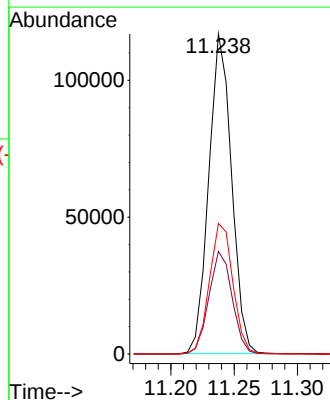
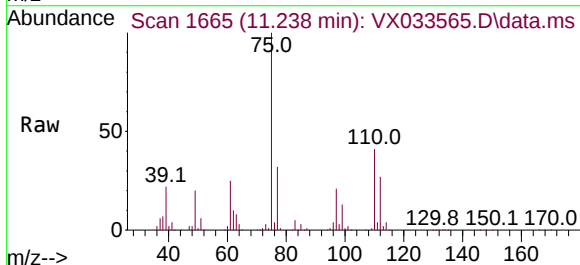
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610

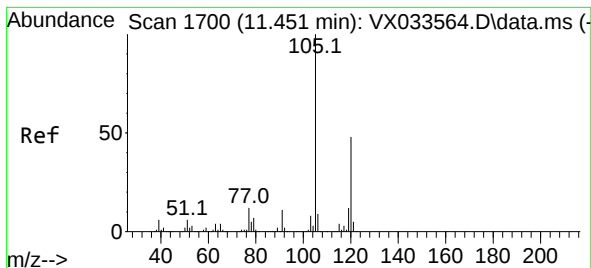
Tgt Ion:105 Resp: 636380
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 14.8 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 93.450 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

Tgt Ion: 75 Resp: 146434
Ion Ratio Lower Upper
75 100
77 32.7 25.9 38.9
110 42.2 33.8 50.6





#62

1,3,5-Trimethylbenzene

Concen: 98.082 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

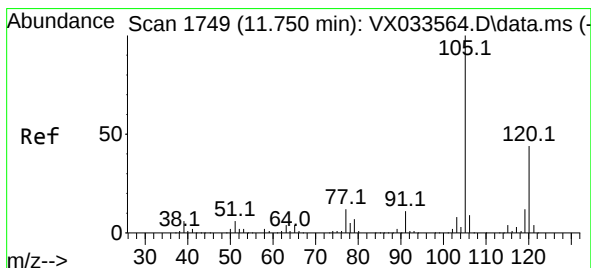
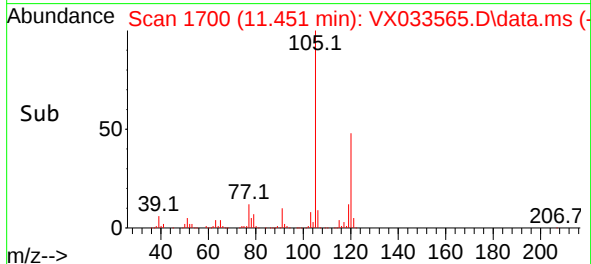
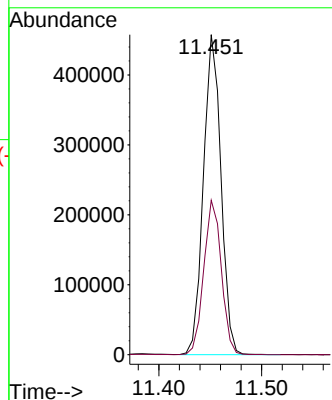
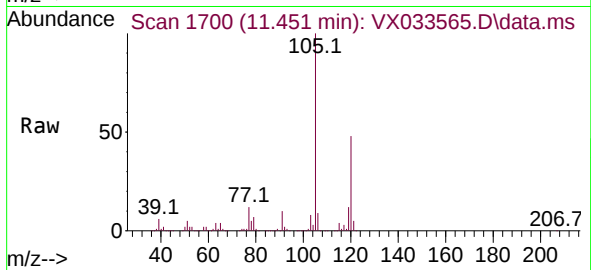
VSTD100610

Tgt Ion:105 Resp: 544271

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 97.960 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033565.D

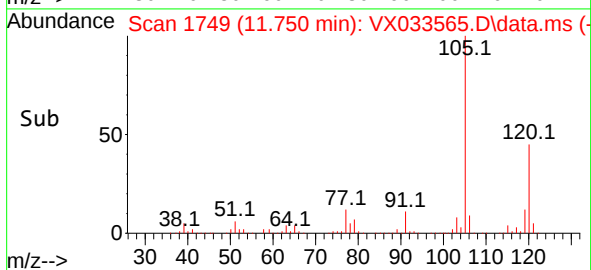
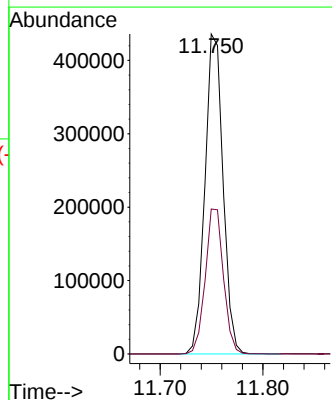
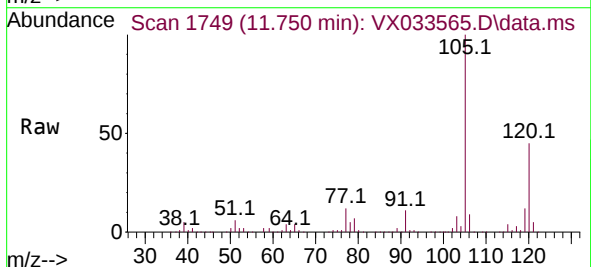
Acq: 27 Dec 2022 14:48

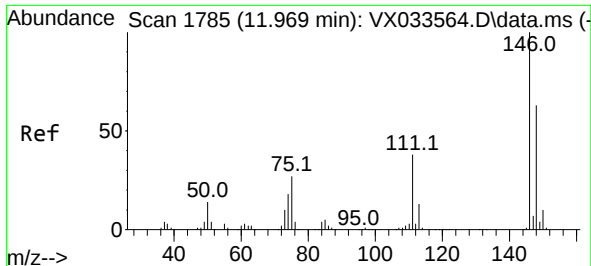
Tgt Ion:105 Resp: 534893

Ion Ratio Lower Upper

105 100

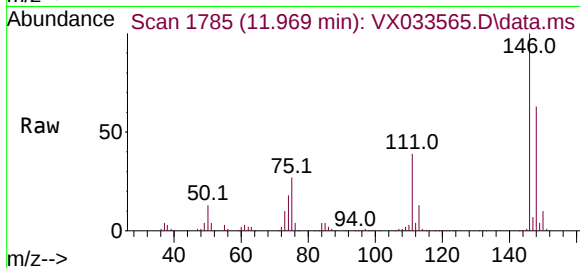
120 45.6 35.8 53.6



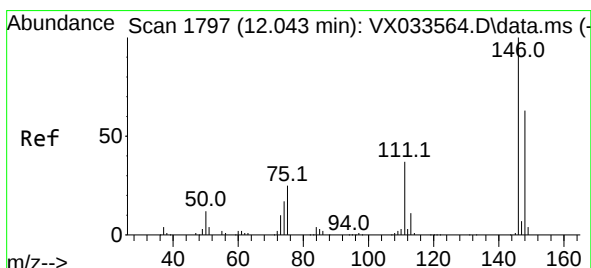
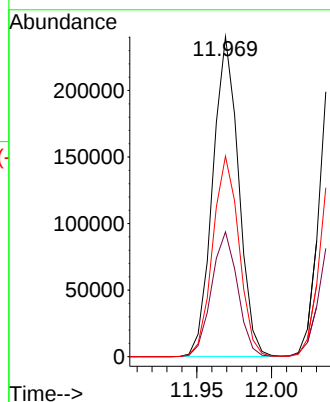
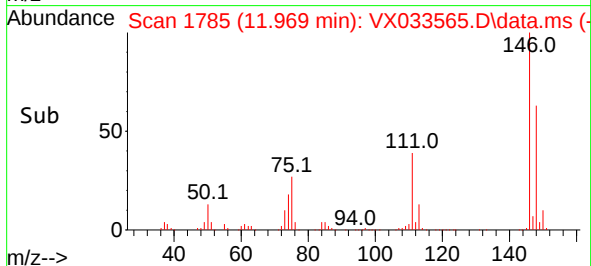


#64
1,3-Dichlorobenzene
Concen: 97.011 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48

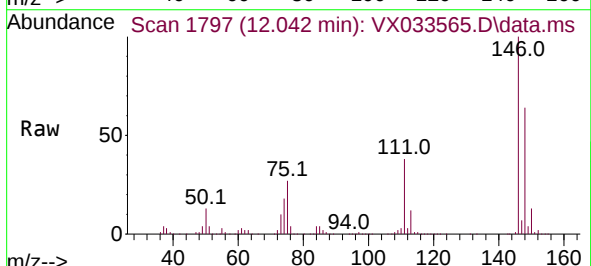
Instrument :
MSVOA_X
ClientSampleId :
VSTD100610



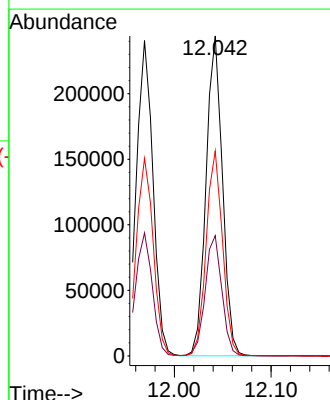
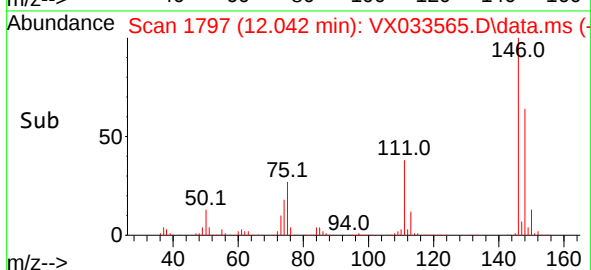
Tgt Ion:146 Resp: 288495
Ion Ratio Lower Upper
146 100
111 39.0 26.8 49.8
148 62.7 43.8 81.3

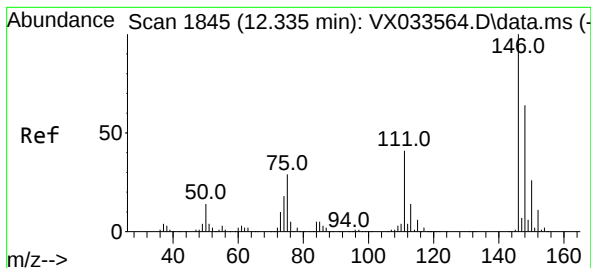


#65
1,4-Dichlorobenzene
Concen: 95.376 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033565.D
Acq: 27 Dec 2022 14:48



Tgt Ion:146 Resp: 288737
Ion Ratio Lower Upper
146 100
111 37.6 25.9 48.1
148 64.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 96.095 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD100610

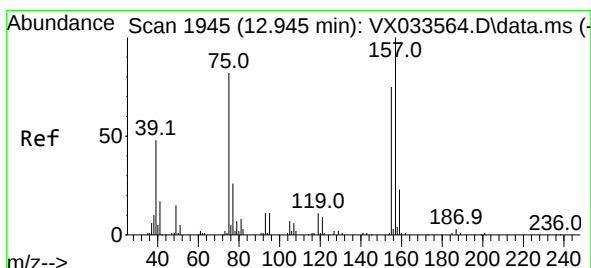
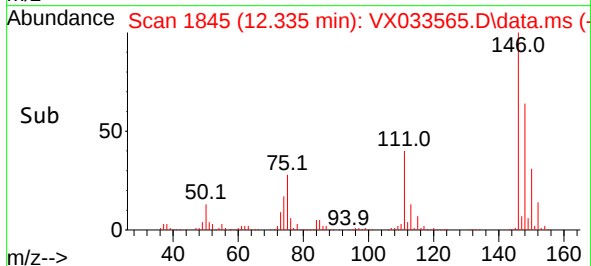
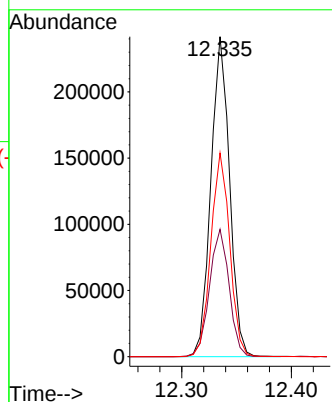
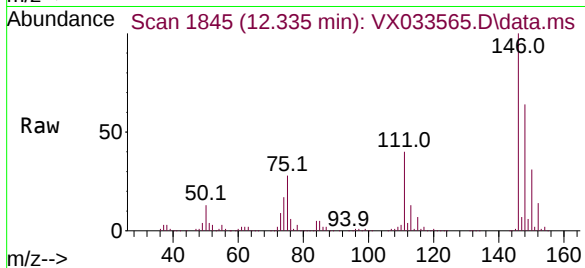
Tgt Ion:146 Resp: 285658

Ion Ratio Lower Upper

146 100

111 39.8 33.0 49.4

148 63.7 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 93.741 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

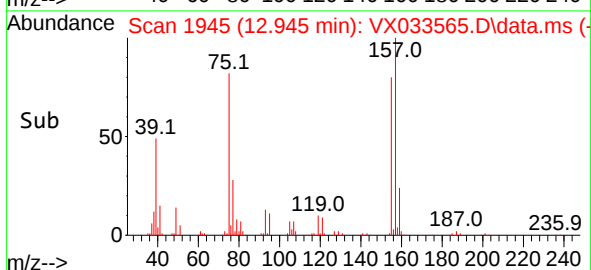
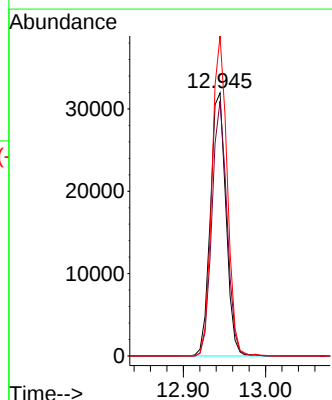
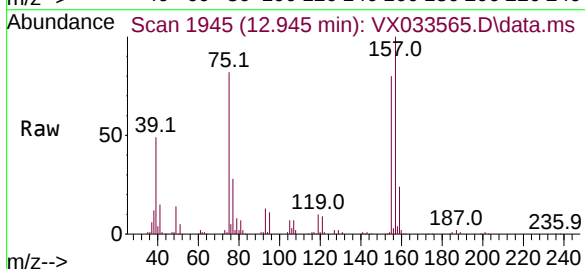
Tgt Ion: 75 Resp: 41927

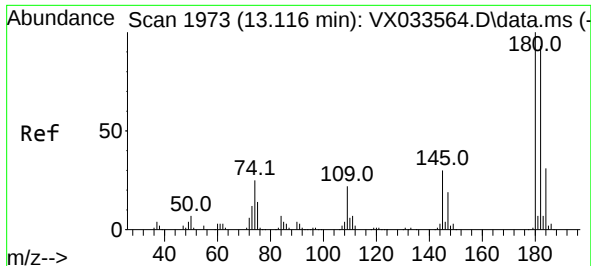
Ion Ratio Lower Upper

75 100

155 96.9 72.9 109.3

157 121.7 97.7 146.5





#69

1,3,5-Trichlorobenzene

Concen: 96.101 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD100610

Tgt Ion:180 Resp: 200449

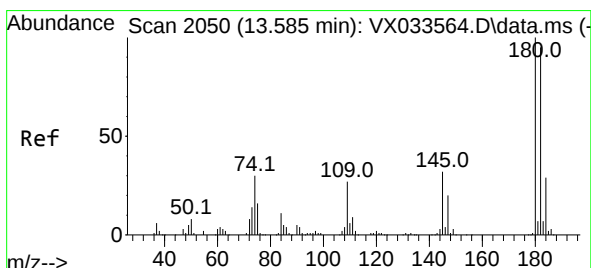
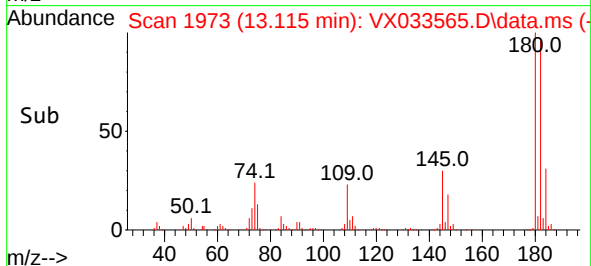
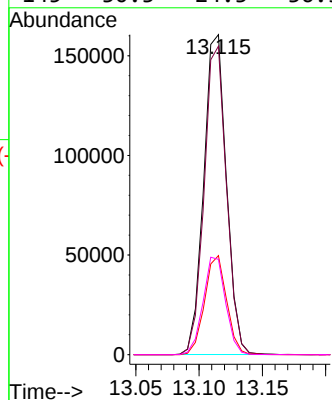
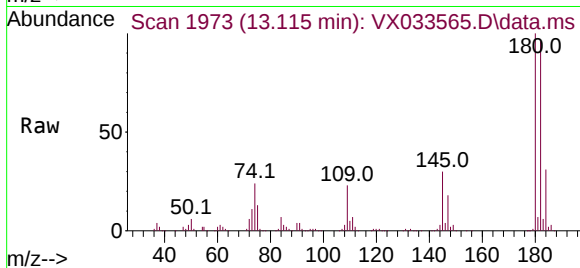
Ion Ratio Lower Upper

180 100

182 95.2 74.5 111.7

184 30.0 24.3 36.5

145 30.3 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 97.789 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

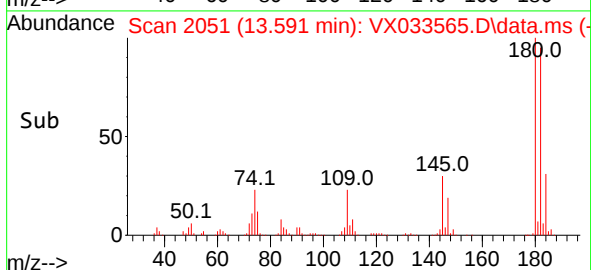
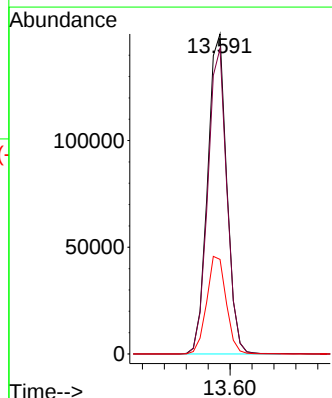
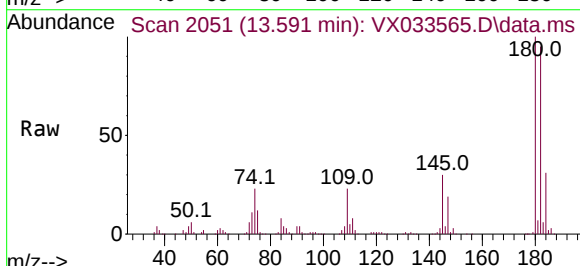
Tgt Ion:180 Resp: 181792

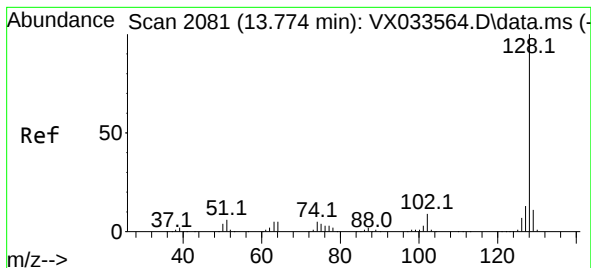
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

145 31.1 25.4 38.0





#71

Naphthalene

Concen: 101.533 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD100610

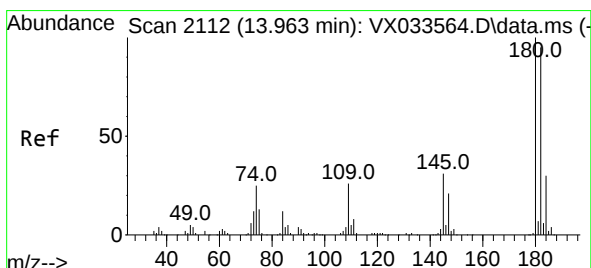
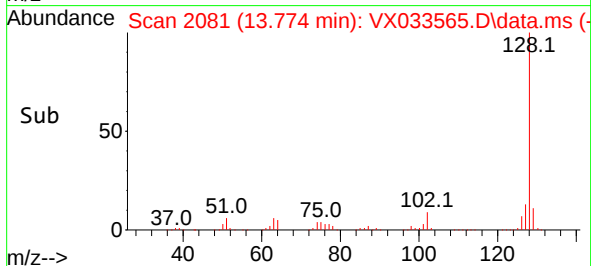
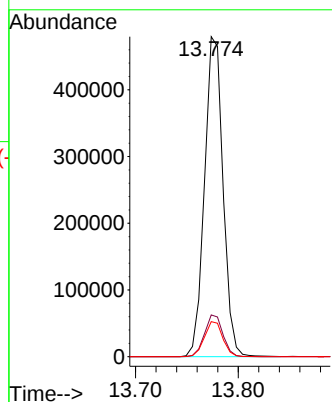
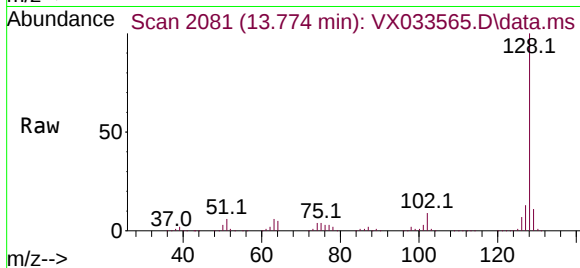
Tgt Ion:128 Resp: 601355

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 97.958 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033565.D

Acq: 27 Dec 2022 14:48

Tgt Ion:180 Resp: 182492

Ion Ratio Lower Upper

180 100

182 95.9 76.1 114.1

145 33.2 25.9 38.9

