

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034145.D
 Acq On : 13 Feb 2023 16:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

Quant Time: Feb 14 00:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 13:44:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	142751	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	126146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26650	42.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.960%
7) Chloroethane-d5	1.666	69	19077	41.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.700%
11) 1,1-Dichloroethene-d2	2.306	63	72409	45.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.380%
21) 2-Butanone-d5	4.446	46	33925	69.840	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.840%
24) Chloroform-d	5.056	84	75715	42.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.952	65	60167	49.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	5.970	84	181349	48.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
36) 1,2-Dichloropropane-d6	7.305	67	53372	45.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.940%
41) Toluene-d8	8.647	98	176049	50.944	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.880%
43) trans-1,3-Dichloroprop...	8.945	79	26873	50.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.400%
47) 2-Hexanone-d5	9.378	63	44645	105.958	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	72946	47.505	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.020%
66) 1,2-Dichlorobenzene-d4	12.317	152	76859	46.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77678	50.788	ug/L	100
3) Chloromethane	1.294	50	34158	53.567	ug/L	100
5) Vinyl chloride	1.374	62	31699	47.309	ug/L	98
6) Bromomethane	1.605	94	20828	44.765	ug/L	100
8) Chloroethane	1.685	64	17361	47.470	ug/L	96
9) Trichlorofluoromethane	1.886	101	64741	47.134	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	42583	49.638	ug/L	95
12) 1,1-Dichloroethene	2.319	96	37163	50.265	ug/L	84
13) Acetone	2.373	43	37693	112.340	ug/L	91
14) Carbon disulfide	2.514	76	99651	49.017	ug/L	100
15) Methyl Acetate	2.703	43	37194	54.325	ug/L	98
16) Methylene chloride	2.788	84	44708	58.138	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	47358	62.675	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	144051	60.208	ug/L	97
19) 1,1-Dichloroethane	3.605	63	58645	43.428	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	35464	39.483	ug/L	92
22) 2-Butanone	4.544	43	42207	85.141	ug/L	98
23) Bromochloromethane	4.891	128	24077	46.233	ug/L #	91
25) Chloroform	5.086	83	77471	48.057	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034145.D
 Acq On : 13 Feb 2023 16:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

Quant Time: Feb 14 00:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 13:44:02 2023
 Response via : Initial Calibration

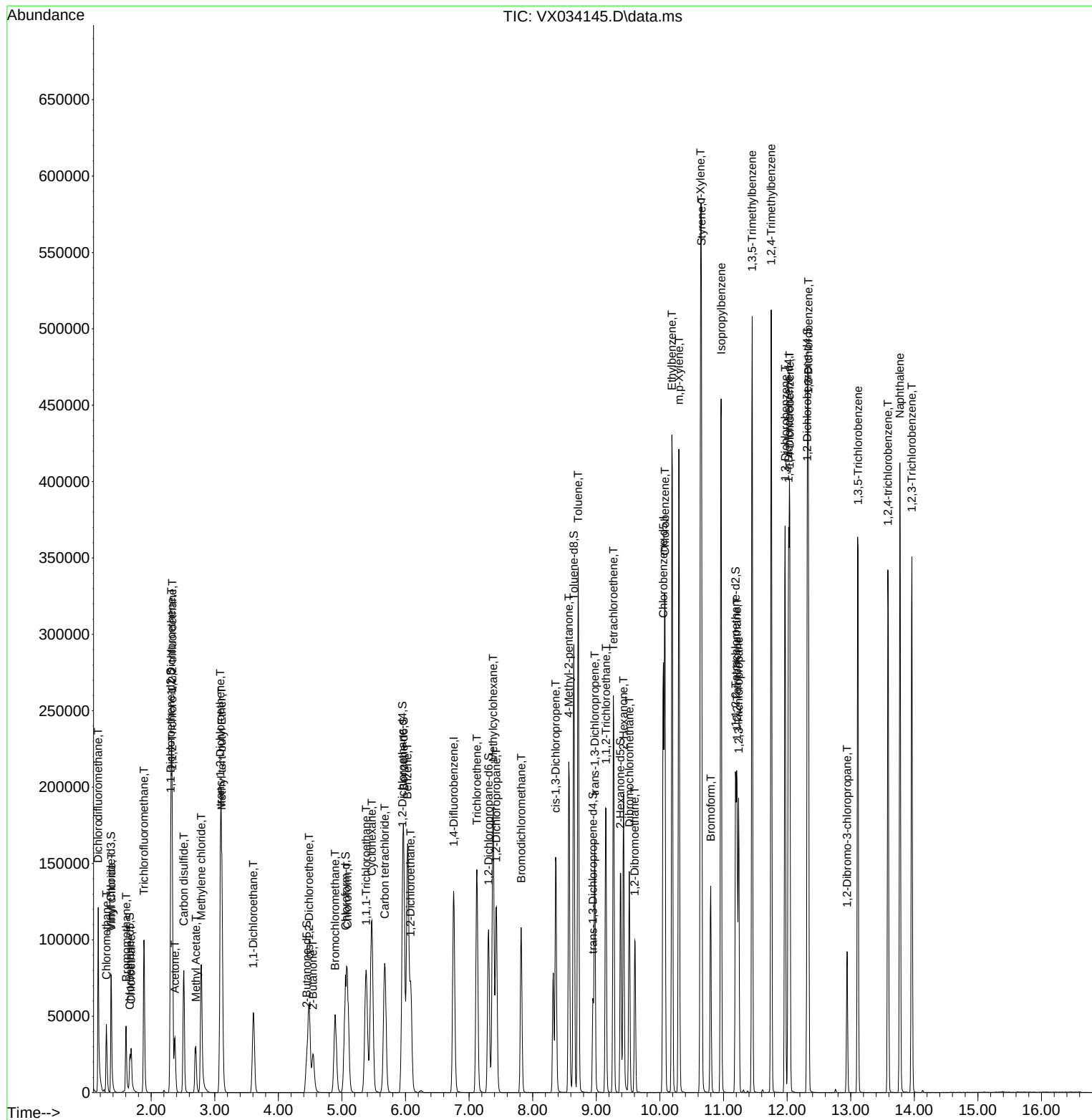
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	77616	56.149	ug/L	96
29) Cyclohexane	5.470	56	77578	58.005	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	82503	53.202	ug/L	98
31) Carbon tetrachloride	5.672	117	82396	55.488	ug/L	100
33) Benzene	6.031	78	200555	55.901	ug/L	100
34) Trichloroethene	7.123	95	55355	50.238	ug/L	98
35) Methylcyclohexane	7.379	83	88933	50.768	ug/L	98
37) 1,2-Dichloropropane	7.427	63	49123	50.773	ug/L	99
38) Bromodichloromethane	7.818	83	70456	52.466	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	82069	55.598	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	128293	119.381	ug/L	99
42) Toluene	8.714	91	220797	59.656	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	77597	57.581	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	52085	55.286	ug/L	98
46) Tetrachloroethene	9.269	164	54809	55.348	ug/L	97
48) 2-Hexanone	9.427	43	98502	121.817	ug/L	99
49) Dibromochloromethane	9.518	129	65381	58.587	ug/L	99
50) 1,2-Dibromoethane	9.604	107	58013	54.245	ug/L	99
51) Chlorobenzene	10.079	112	151410	54.603	ug/L	97
52) Ethylbenzene	10.189	91	251846	55.194	ug/L	97
53) m,p-Xylene	10.299	106	98506	53.386	ug/L	97
54) o-Xylene	10.640	106	96820	53.299	ug/L	93
55) Styrene	10.652	104	162190	52.865	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	77112	53.251	ug/L	98
59) Bromoform	10.799	173	52172	53.185	ug/L	99
60) Isopropylbenzene	10.963	105	247870	50.497	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	58920	52.845	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	223711	54.544	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	221592	55.993	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	130836	53.347	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	128213	51.219	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	127392	53.237	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	16782	53.000	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	100484	52.846	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	92291	53.841	ug/L	99
71) Naphthalene	13.774	128	260779	56.006	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	92483	54.856	ug/L	98

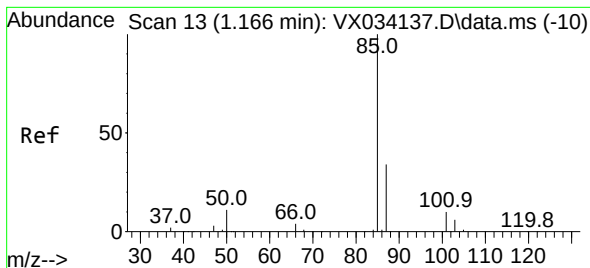
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034145.D
 Acq On : 13 Feb 2023 16:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

Quant Time: Feb 14 00:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 13:44:02 2023
 Response via : Initial Calibration

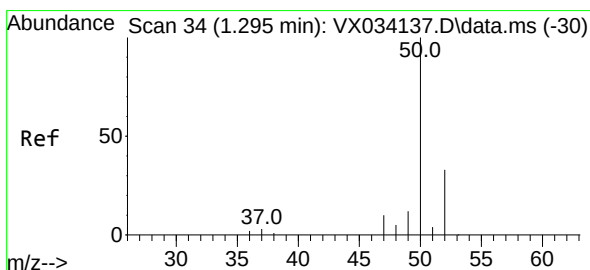
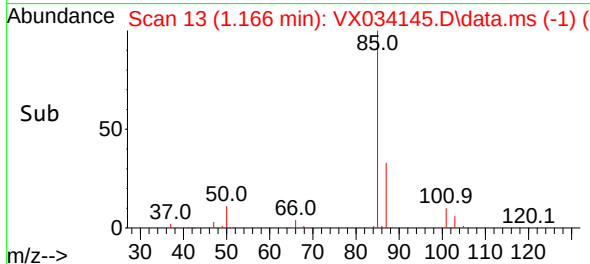
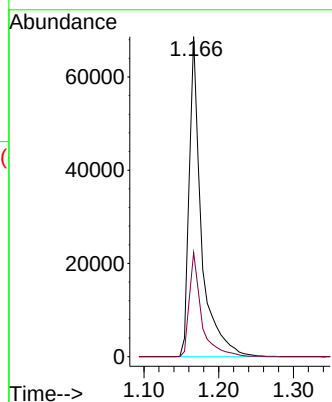
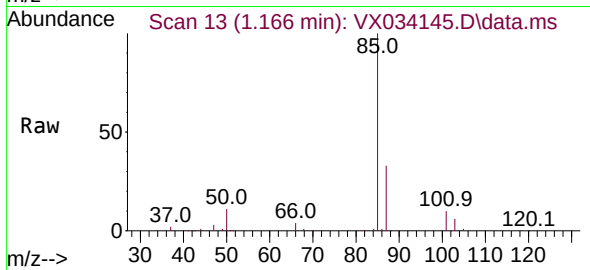




#2
 Dichlorodifluoromethane
 Concen: 50.788 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

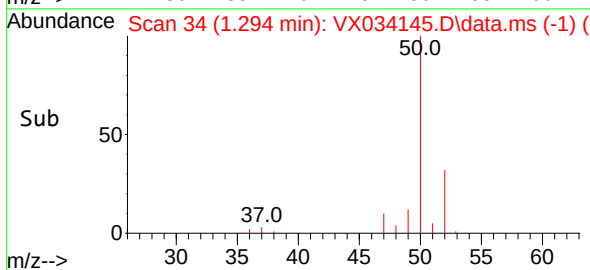
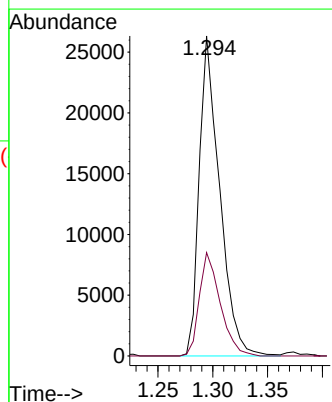
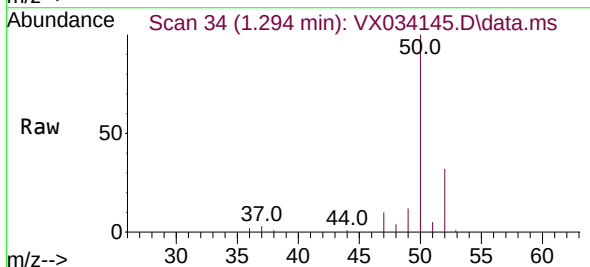
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

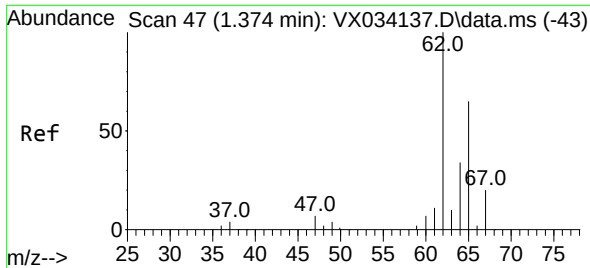
Tgt Ion: 85 Resp: 77678
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 53.567 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

Tgt Ion: 50 Resp: 34158
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.7

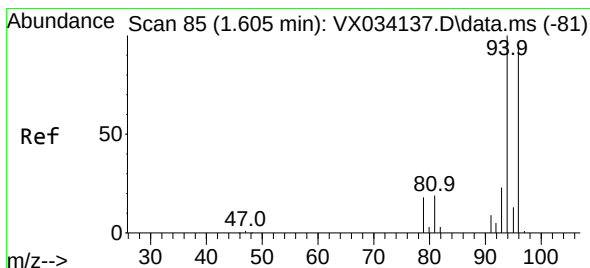
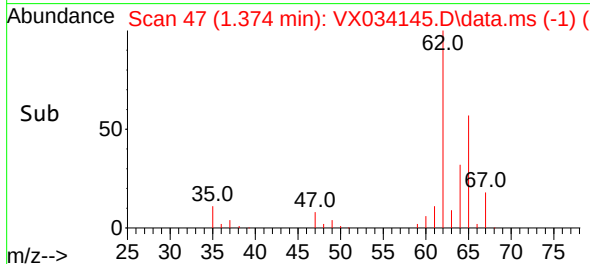
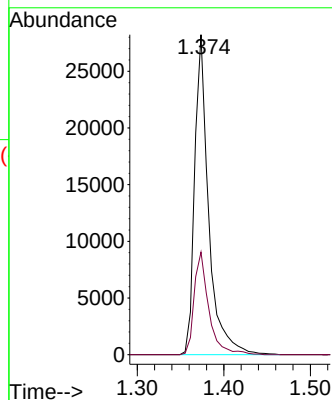
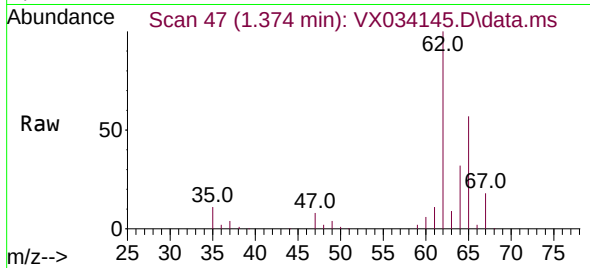




#5
 Vinyl chloride
 Concen: 47.309 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

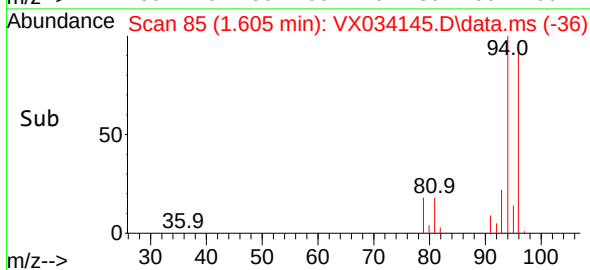
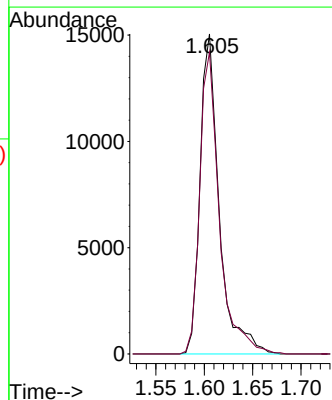
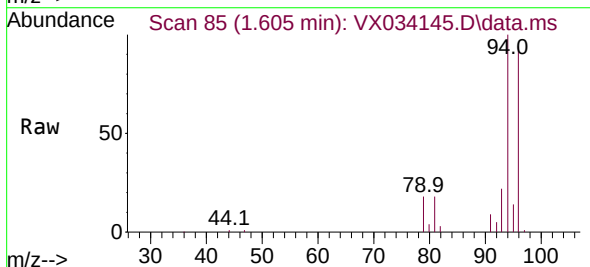
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

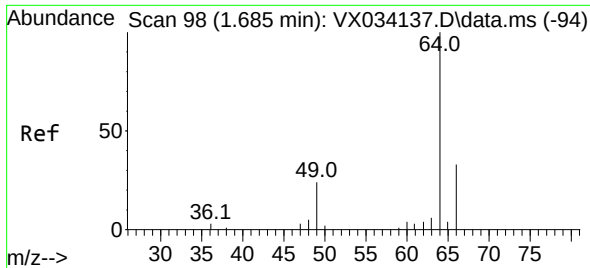
Tgt Ion: 62 Resp: 31699
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.2 43.0



#6
 Bromomethane
 Concen: 44.765 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

Tgt Ion: 94 Resp: 20828
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 122.1

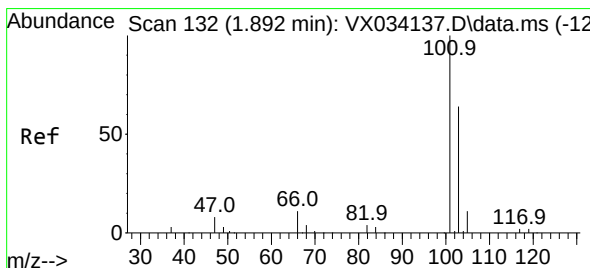
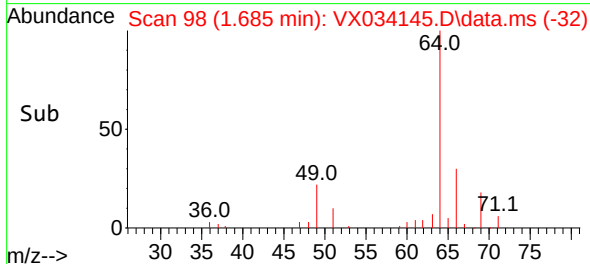
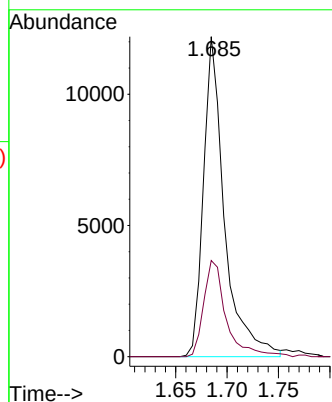
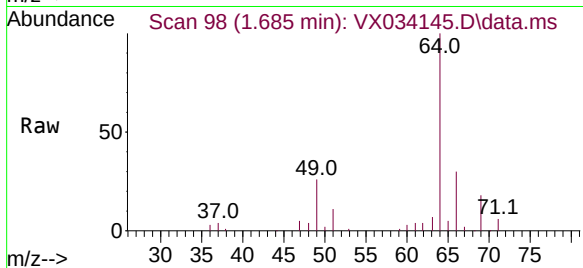




#8
Chloroethane
Concen: 47.470 ug/L
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

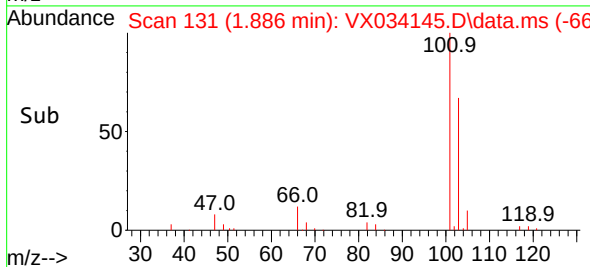
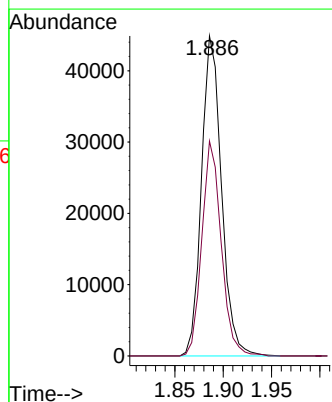
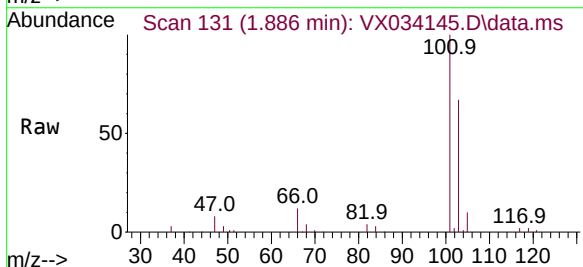
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

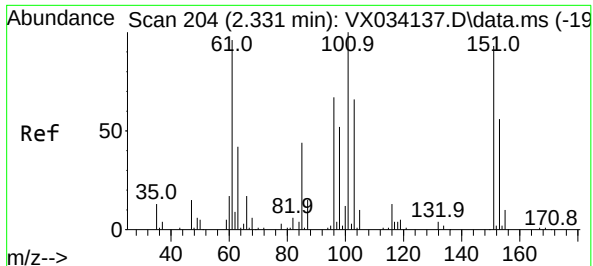
Tgt Ion: 64 Resp: 17361
Ion Ratio Lower Upper
64 100
66 30.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 47.134 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion:101 Resp: 64741
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8

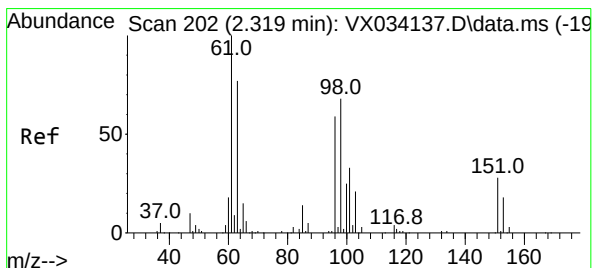
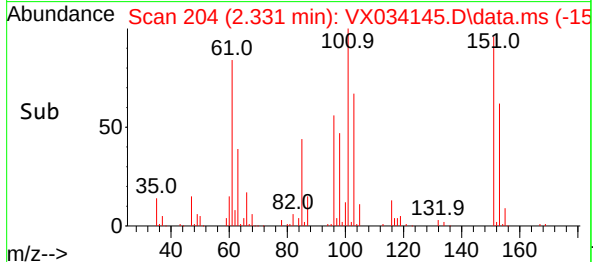
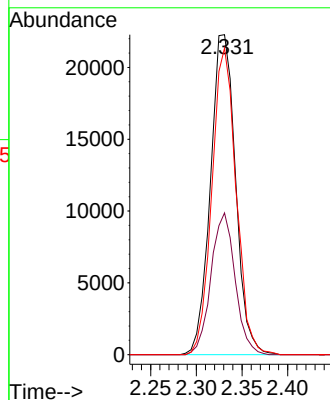
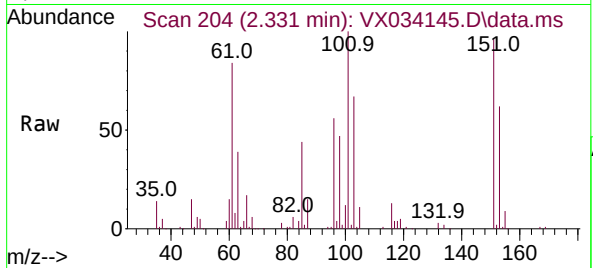




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.638 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

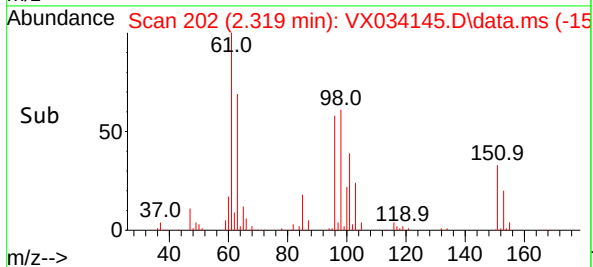
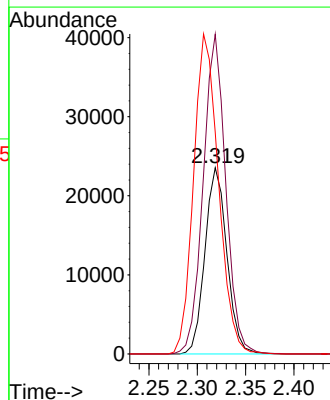
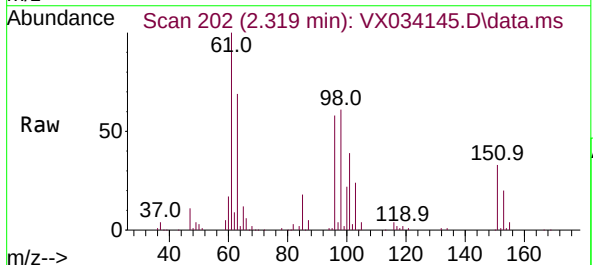
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

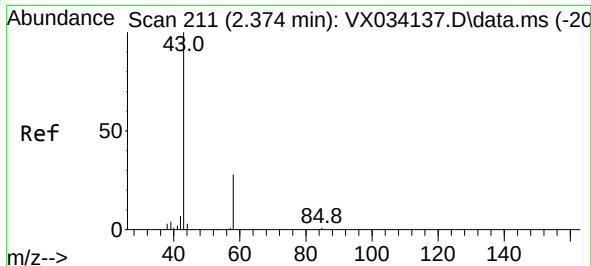
Tgt Ion:101 Resp: 42583
 Ion Ratio Lower Upper
 101 100
 85 42.5 32.2 48.4
 151 92.3 69.3 103.9



#12
 1,1-Dichloroethene
 Concen: 50.265 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

Tgt Ion: 96 Resp: 37163
 Ion Ratio Lower Upper
 96 100
 61 171.6 107.6 199.8
 63 118.9 69.6 129.2





#13

Acetone

Concen: 112.340 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

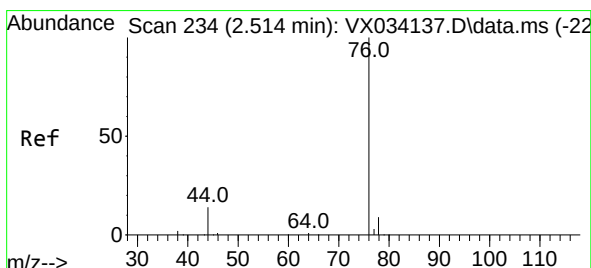
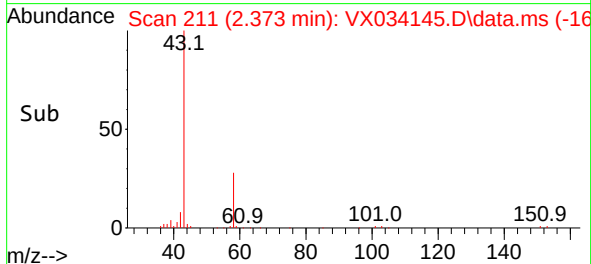
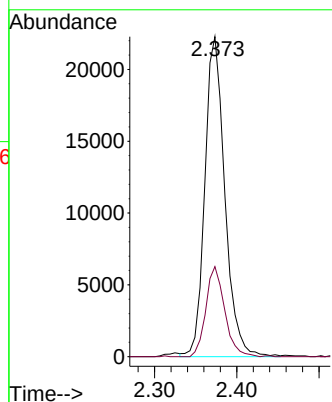
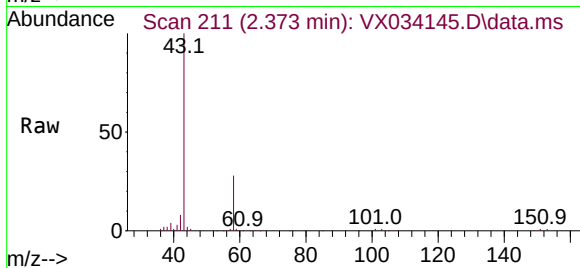
VSTD050622

Tgt Ion: 43 Resp: 37693

Ion Ratio Lower Upper

43 100

58 26.5 0.0 62.8



#14

Carbon disulfide

Concen: 49.017 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034145.D

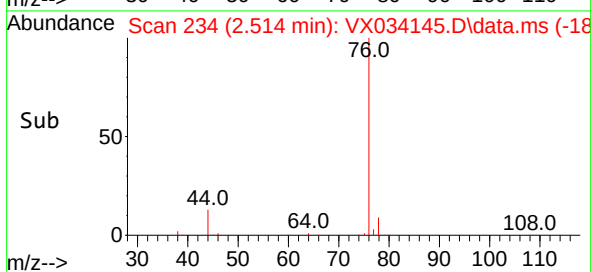
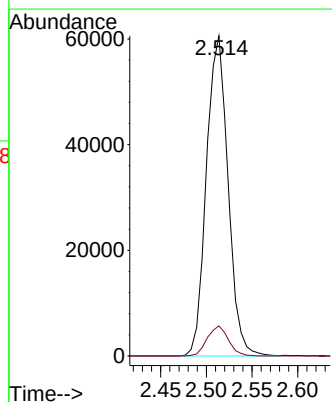
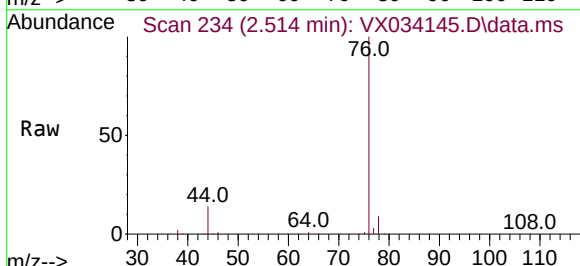
Acq: 13 Feb 2023 16:48

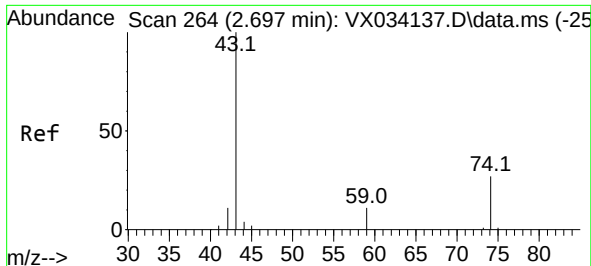
Tgt Ion: 76 Resp: 99651

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 54.325 ug/L

RT: 2.703 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

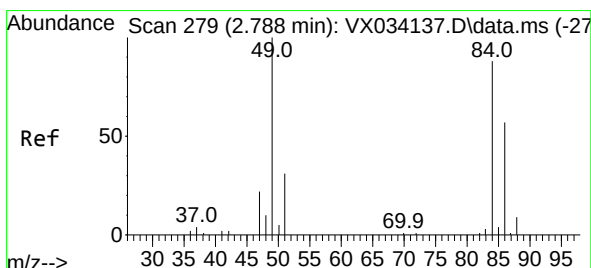
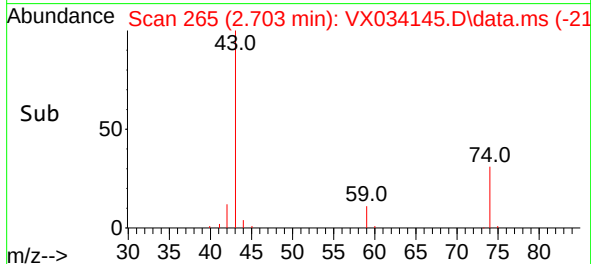
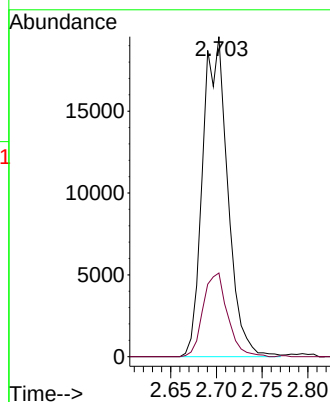
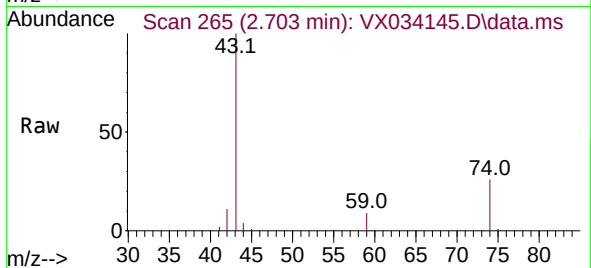
VSTD050622

Tgt Ion: 43 Resp: 37194

Ion Ratio Lower Upper

43 100

74 25.5 19.7 29.5



#16

Methylene chloride

Concen: 58.138 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

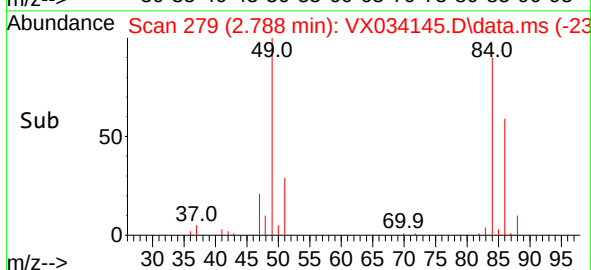
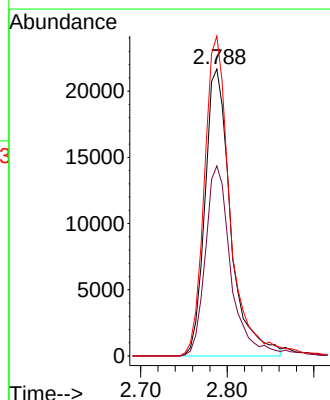
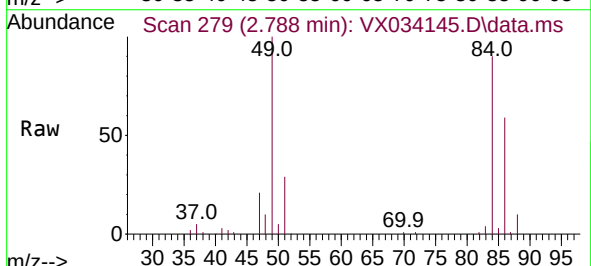
Tgt Ion: 84 Resp: 44708

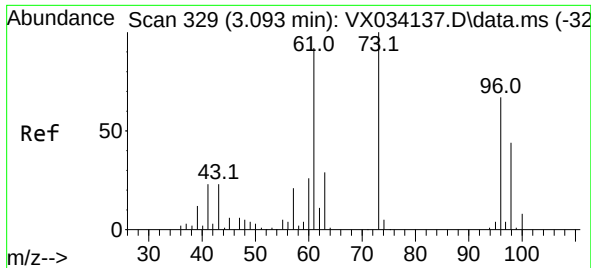
Ion Ratio Lower Upper

84 100

86 66.3 45.2 84.0

49 111.6 82.5 153.1

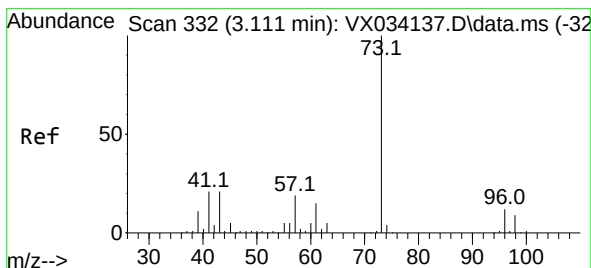
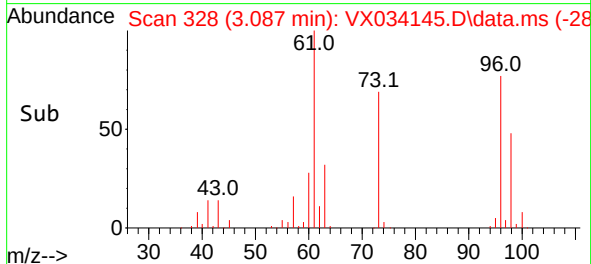
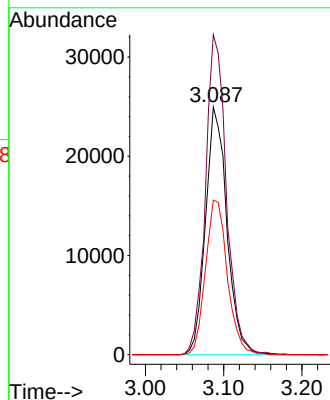
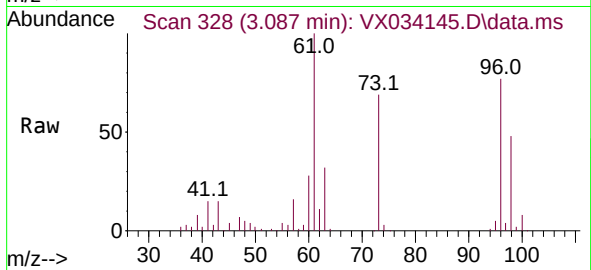




#17
trans-1,2-Dichloroethene
Concen: 62.675 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

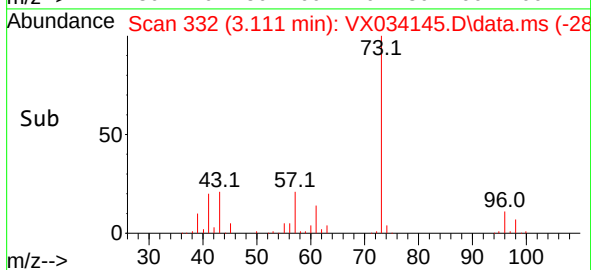
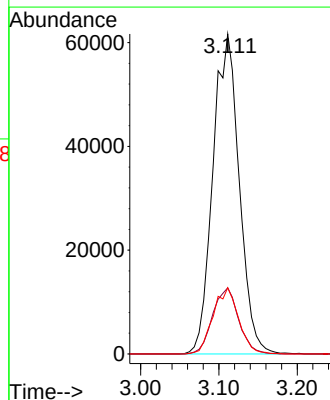
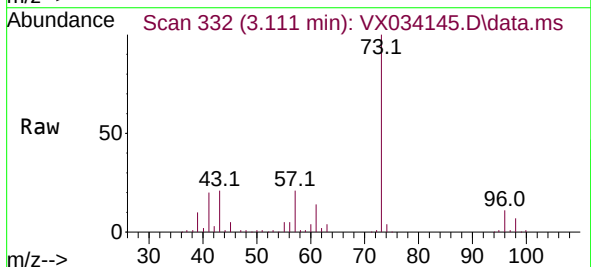
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

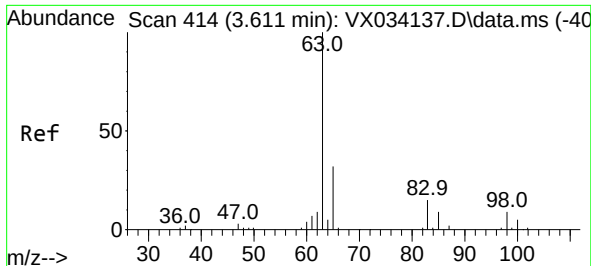
Tgt Ion: 96 Resp: 47358
Ion Ratio Lower Upper
96 100
61 129.2 87.7 162.9
98 62.4 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 60.208 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion: 73 Resp: 144051
Ion Ratio Lower Upper
73 100
43 20.4 15.6 23.4
57 20.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 43.428 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD050622

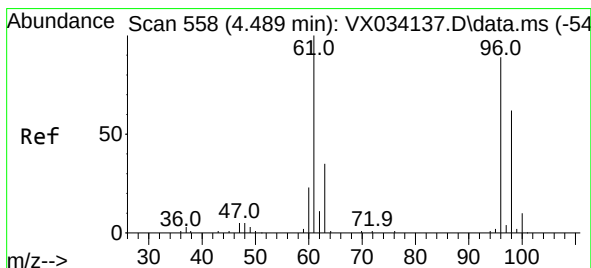
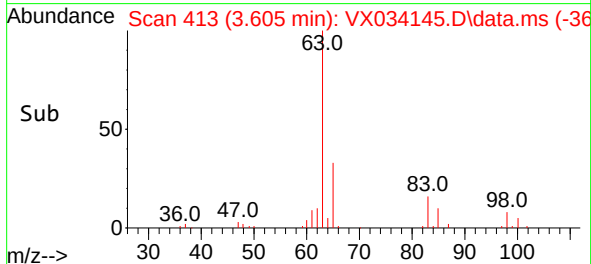
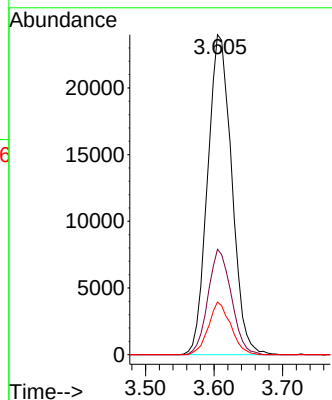
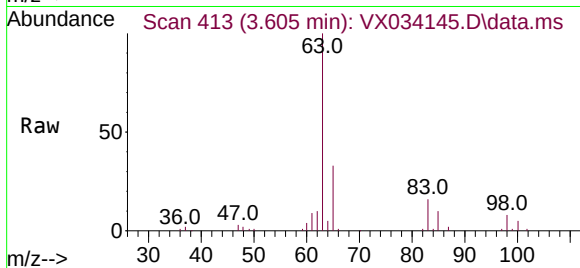
Tgt Ion: 63 Resp: 58645

Ion Ratio Lower Upper

63 100

65 32.9 21.9 40.7

83 16.4 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 39.483 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

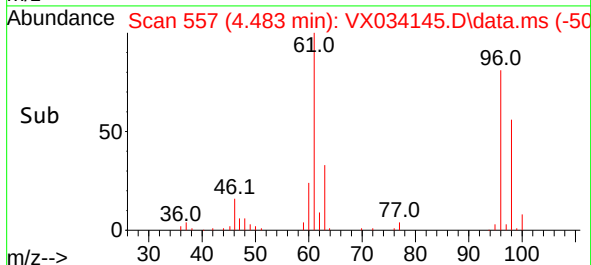
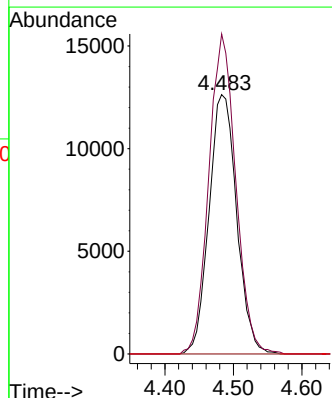
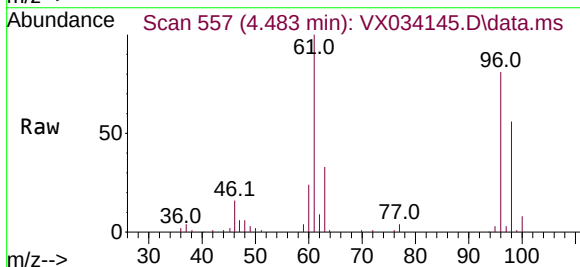
Tgt Ion: 96 Resp: 35464

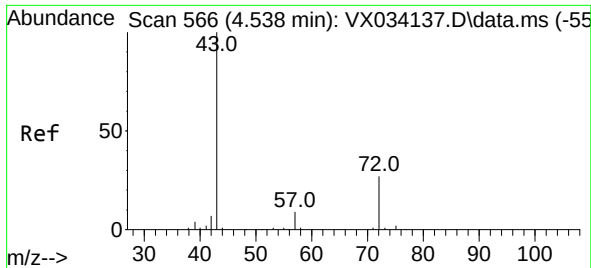
Ion Ratio Lower Upper

96 100

61 123.4 80.3 149.1

68 0.0 0.0 0.0

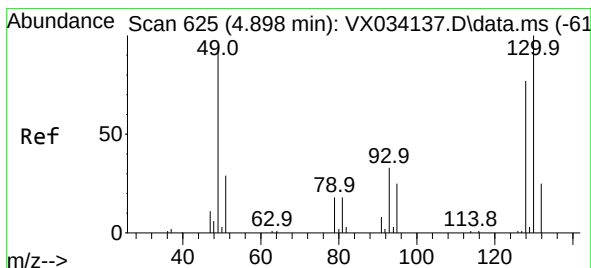
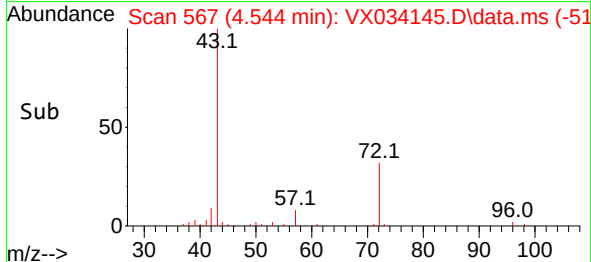
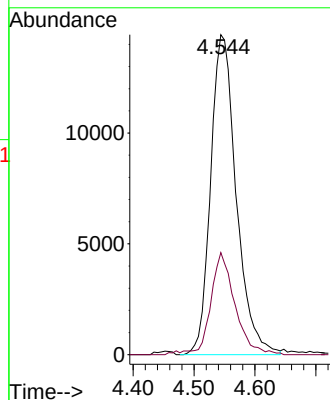
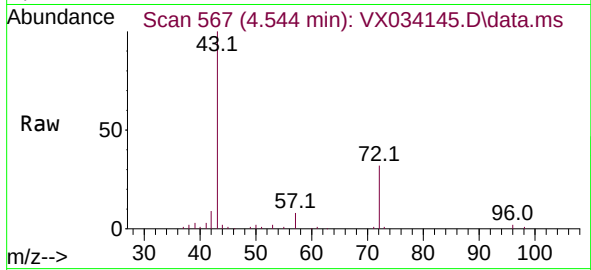




#22
2-Butanone
Concen: 85.141 ug/L
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

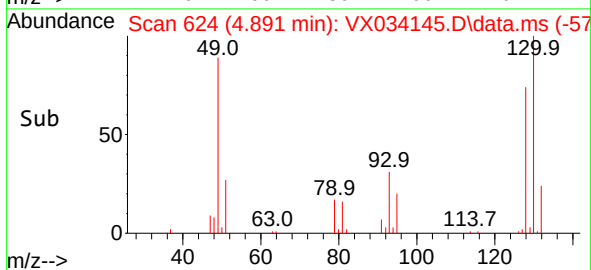
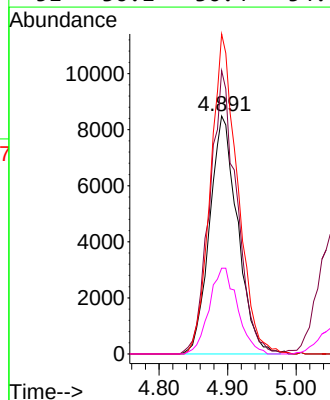
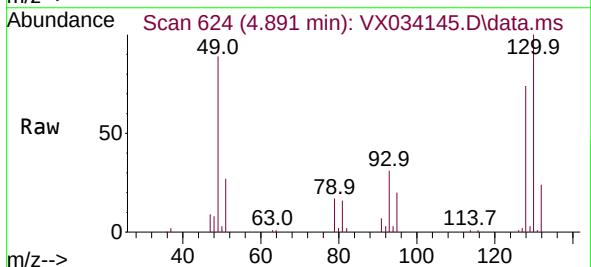
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

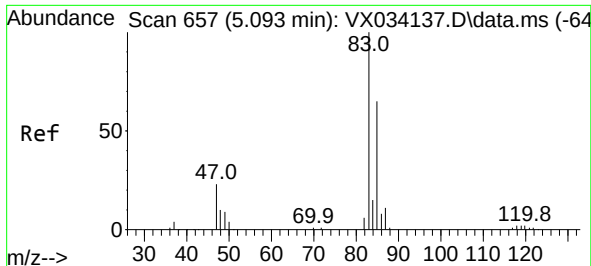
Tgt Ion: 43 Resp: 42207
Ion Ratio Lower Upper
43 100
72 27.5 13.2 39.6



#23
Bromochloromethane
Concen: 46.233 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion:128 Resp: 24077
Ion Ratio Lower Upper
128 100
49 119.1 94.7 175.9
130 134.5 91.3 169.6
51 36.1 36.4 54.6#





#25

Chloroform

Concen: 48.057 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

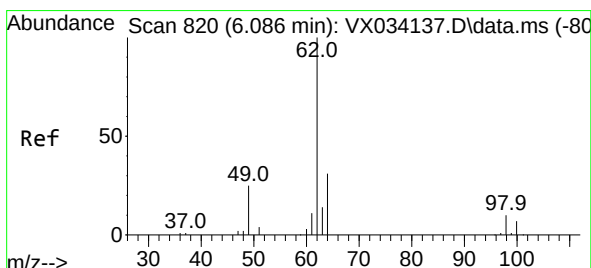
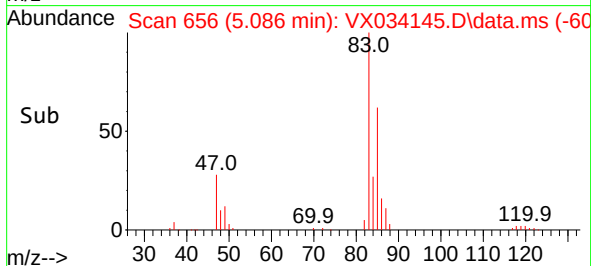
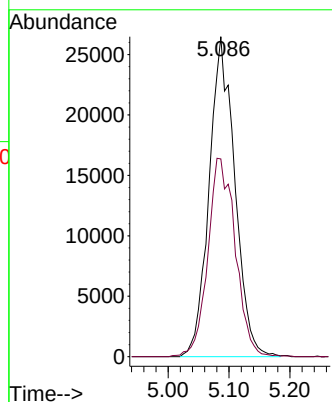
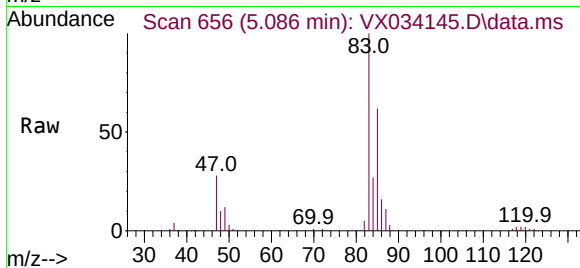
VSTD050622

Tgt Ion: 83 Resp: 77471

Ion Ratio Lower Upper

83 100

85 61.8 47.0 87.4



#27

1,2-Dichloroethane

Concen: 56.149 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX034145.D

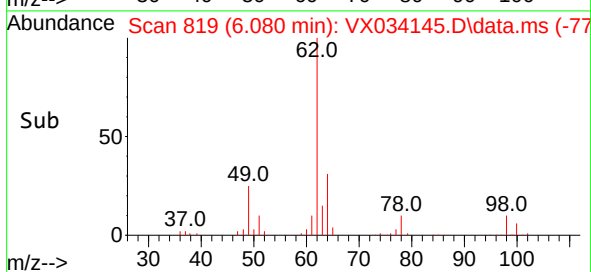
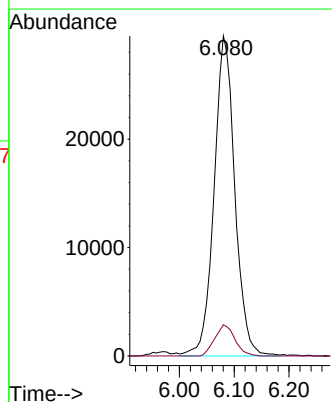
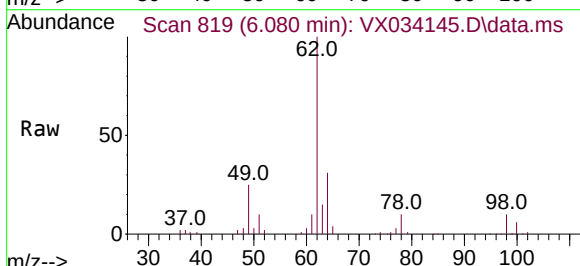
Acq: 13 Feb 2023 16:48

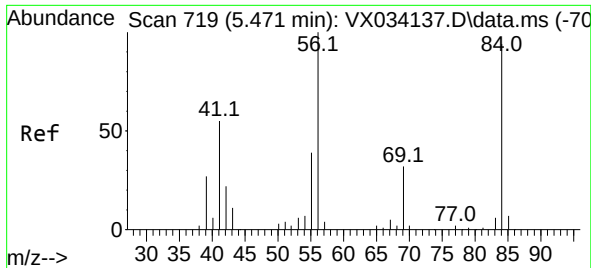
Tgt Ion: 62 Resp: 77616

Ion Ratio Lower Upper

62 100

98 9.8 9.1 13.7

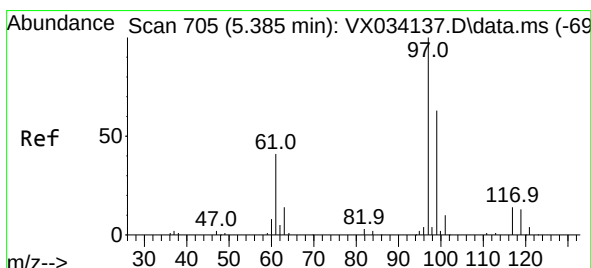
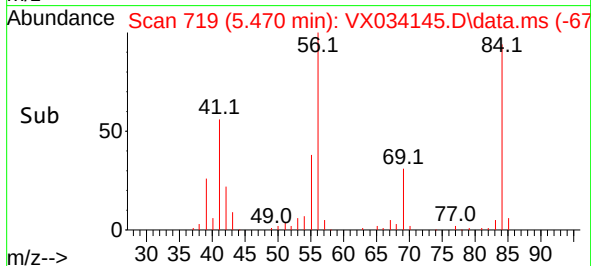
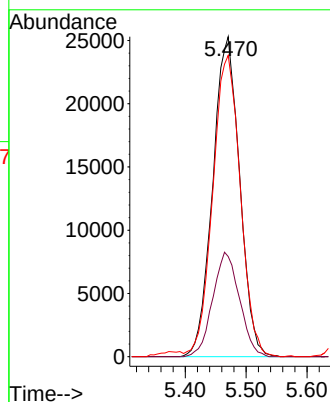
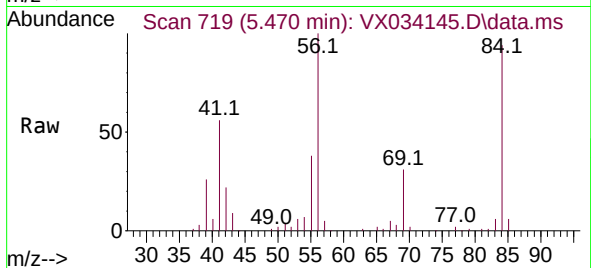




#29
Cyclohexane
Concen: 58.005 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

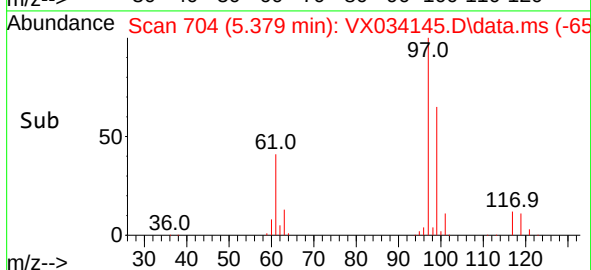
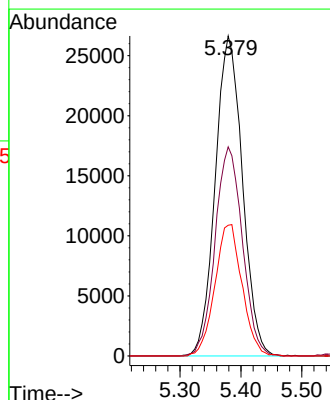
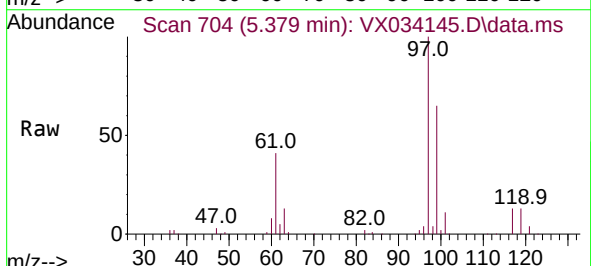
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

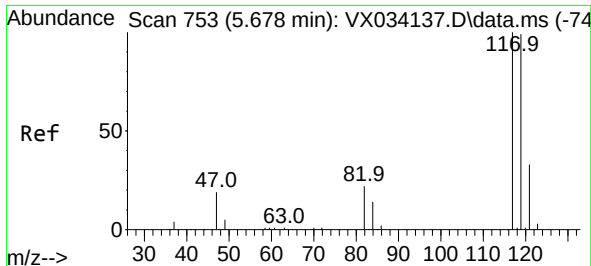
Tgt Ion:	56	Resp:	77578
Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.8	37.2
84	96.4	73.2	109.8



#30
1,1,1-Trichloroethane
Concen: 53.202 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion:	97	Resp:	82503
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.8
61	40.9	34.7	52.1

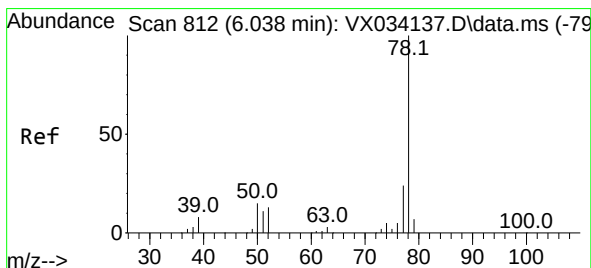
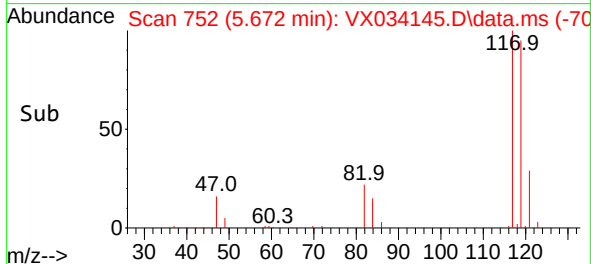
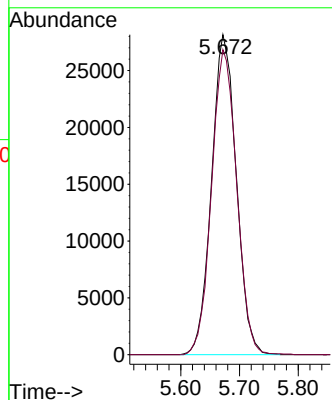
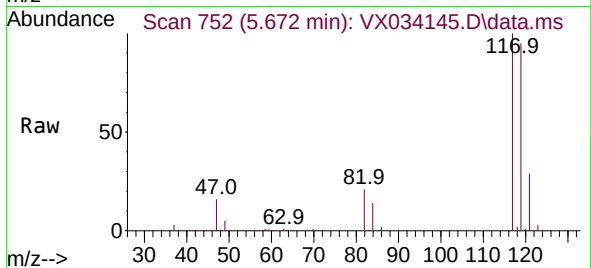




#31
Carbon tetrachloride
Concen: 55.488 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

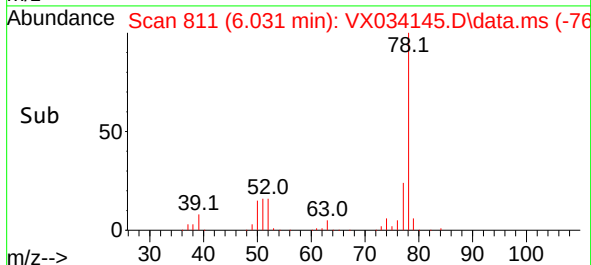
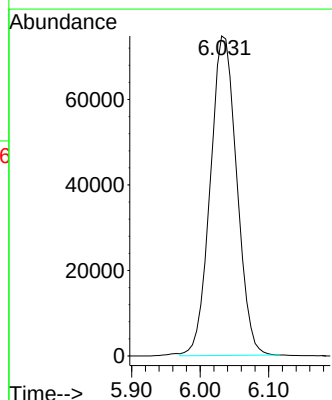
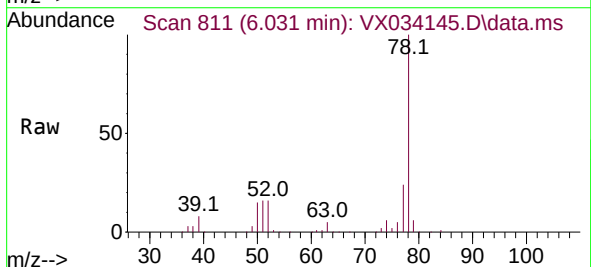
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

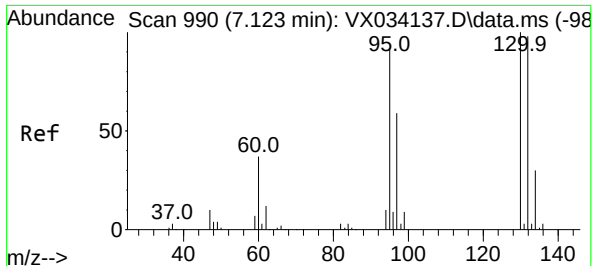
Tgt Ion:117 Resp: 82396
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 55.901 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion: 78 Resp: 200555

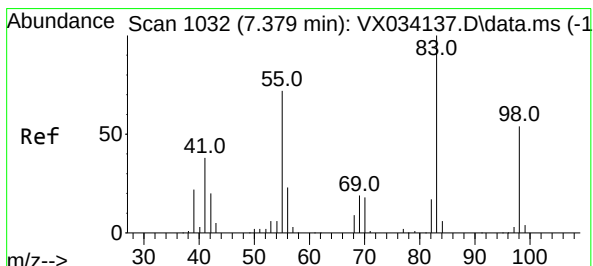
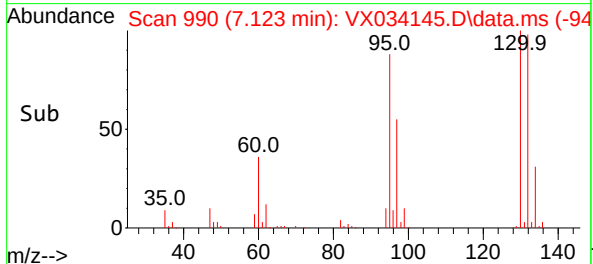
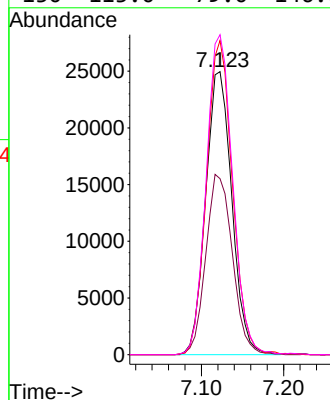
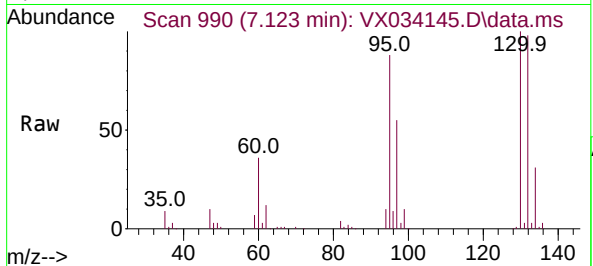




#34
Trichloroethene
Concen: 50.238 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

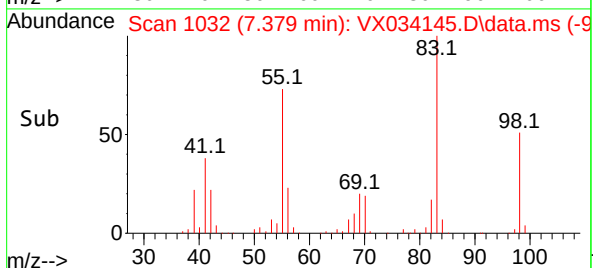
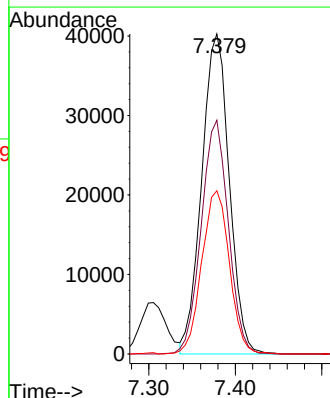
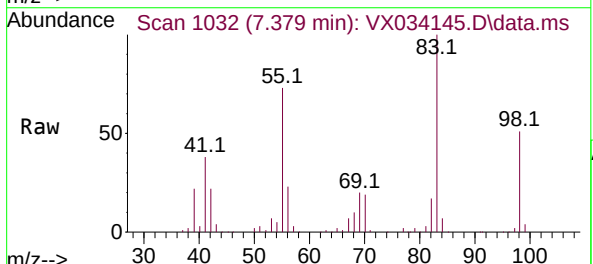
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

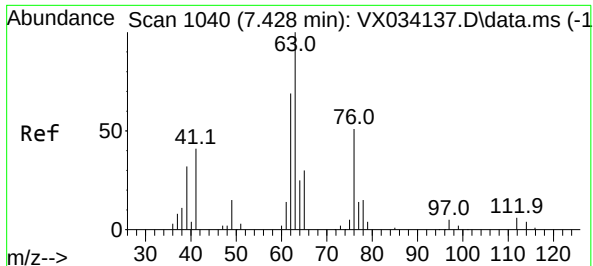
Tgt Ion: 95 Resp: 55355
Ion Ratio Lower Upper
95 100
97 62.2 46.8 87.0
132 111.0 76.2 141.4
130 113.0 79.0 146.6



#35
Methylcyclohexane
Concen: 50.768 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion: 83 Resp: 88933
Ion Ratio Lower Upper
83 100
55 71.9 59.0 88.4
98 51.2 40.6 60.8





#37

1,2-Dichloropropane

Concen: 50.773 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

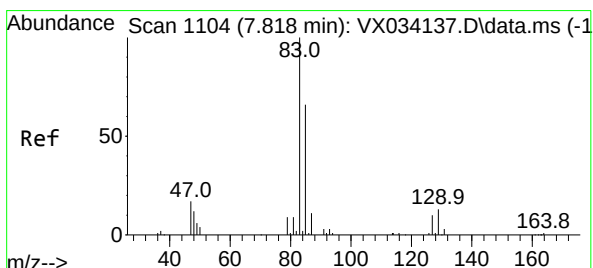
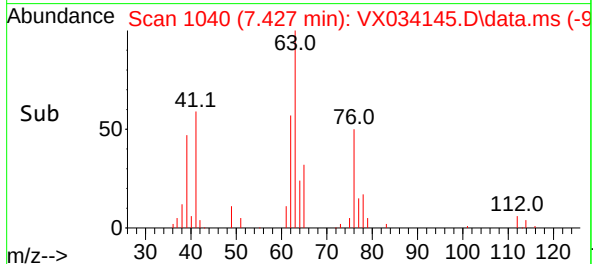
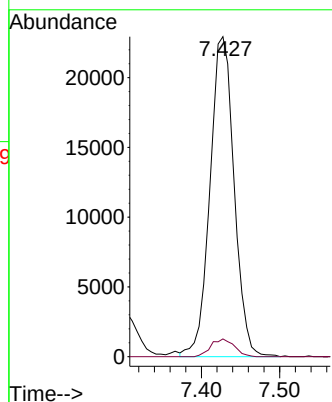
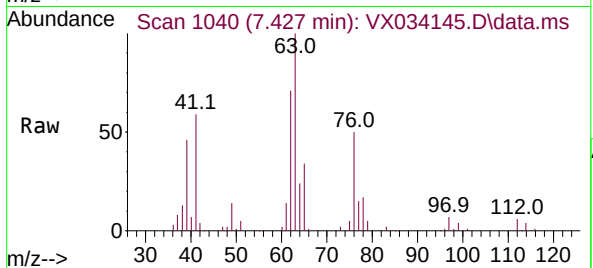
VSTD050622

Tgt Ion: 63 Resp: 49123

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 52.466 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

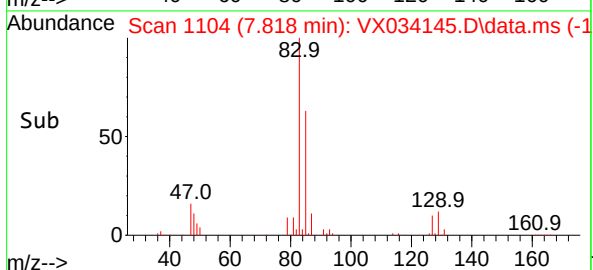
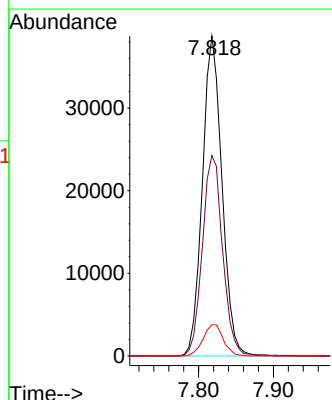
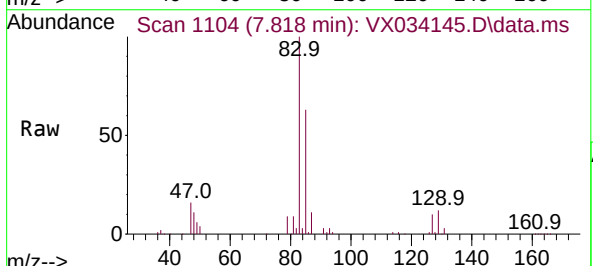
Tgt Ion: 83 Resp: 70456

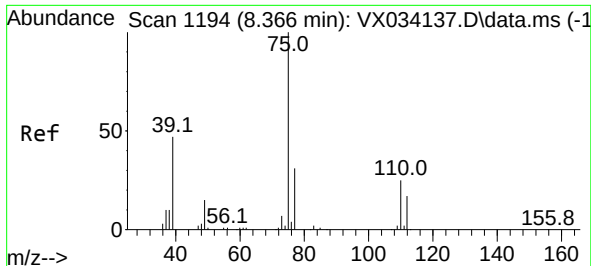
Ion Ratio Lower Upper

83 100

85 62.7 46.3 85.9

127 9.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 55.598 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

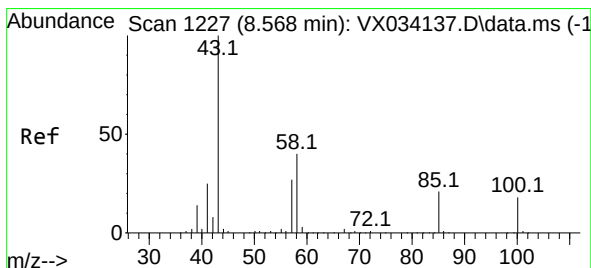
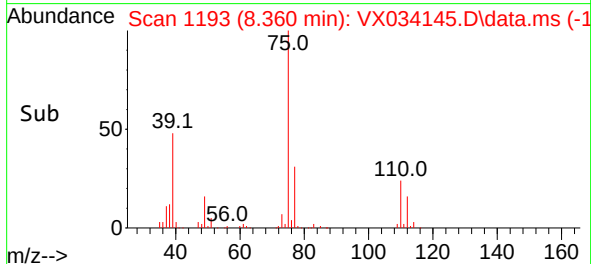
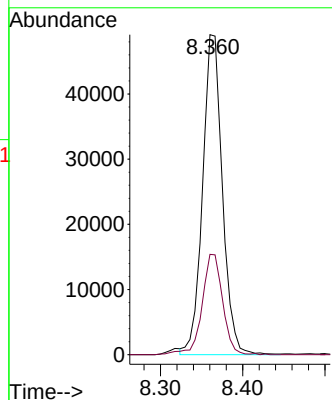
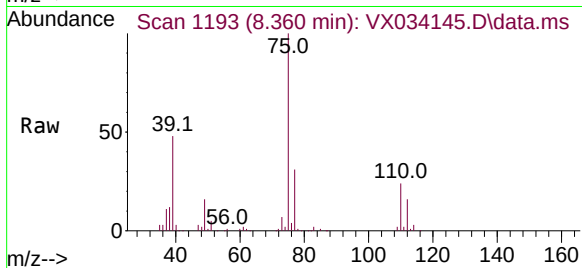
VSTD050622

Tgt Ion: 75 Resp: 82069

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 119.381 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

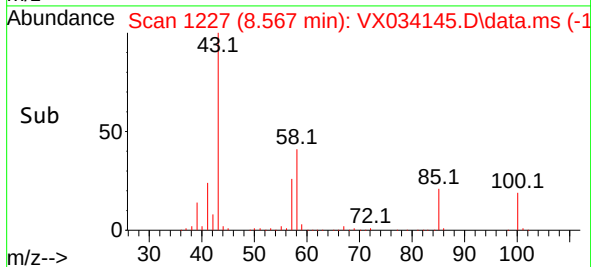
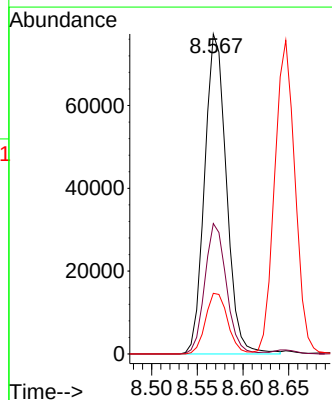
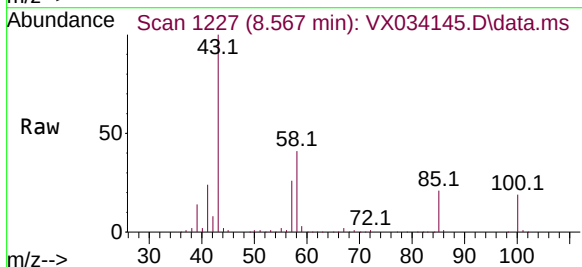
Tgt Ion: 43 Resp: 128293

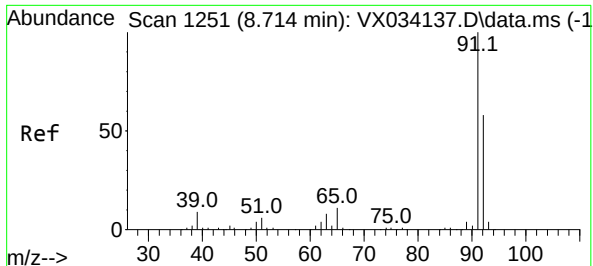
Ion Ratio Lower Upper

43 100

58 40.2 31.9 47.9

100 19.3 14.4 21.6





#42

Toluene

Concen: 59.656 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

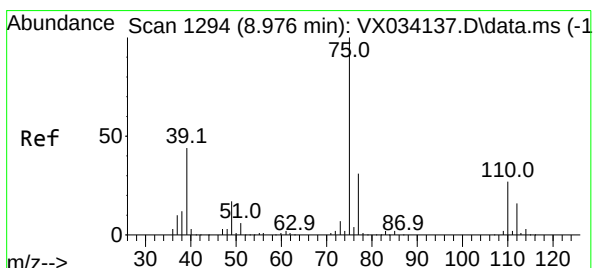
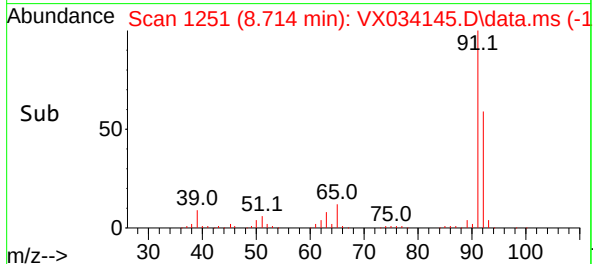
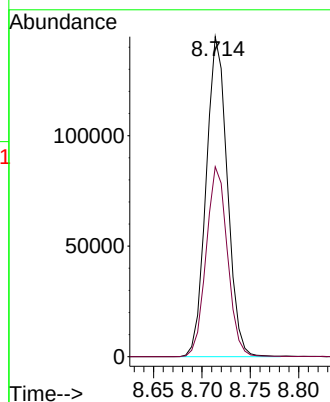
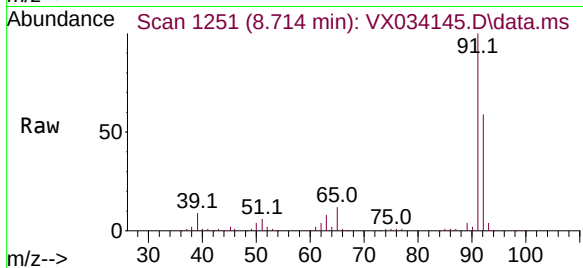
VSTD050622

Tgt Ion: 91 Resp: 220797

Ion Ratio Lower Upper

91 100

92 59.4 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 57.581 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX034145.D

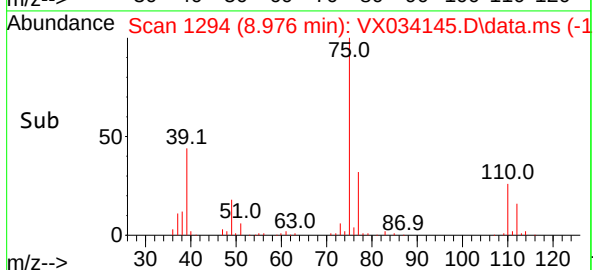
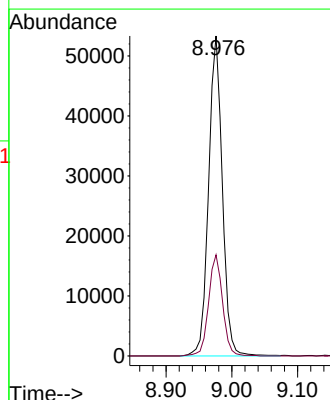
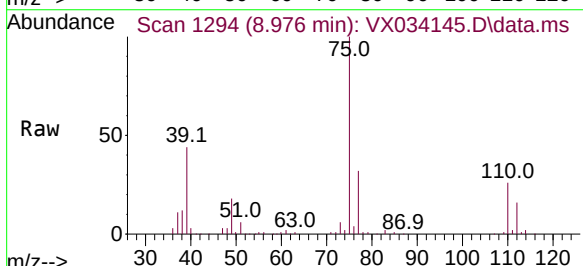
Acq: 13 Feb 2023 16:48

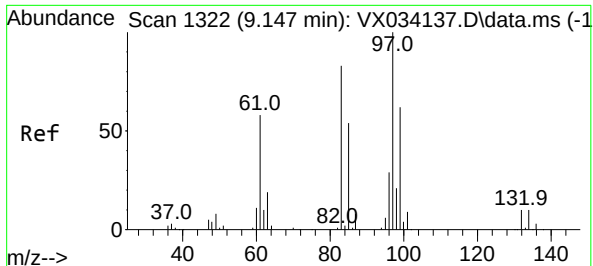
Tgt Ion: 75 Resp: 77597

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 55.286 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD050622

Tgt Ion: 97 Resp: 52085

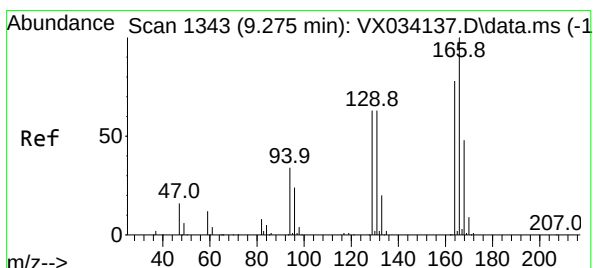
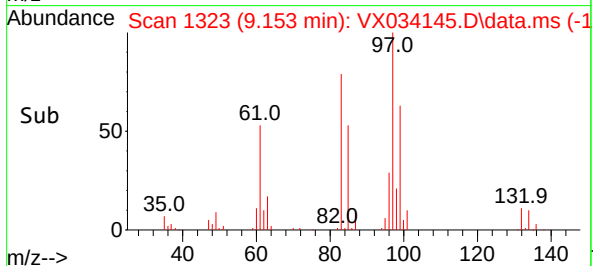
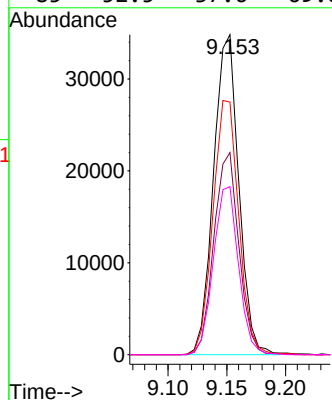
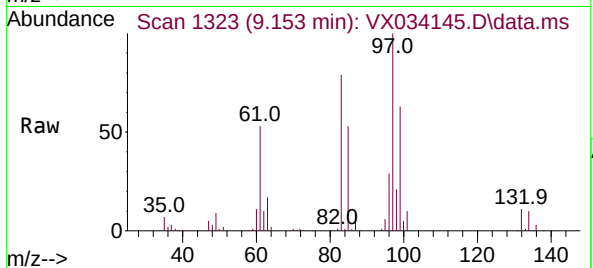
Ion Ratio Lower Upper

97 100

99 63.2 43.5 80.9

83 79.0 56.8 105.4

85 52.5 37.6 69.8



#46

Tetrachloroethene

Concen: 55.348 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Tgt Ion:164 Resp: 54809

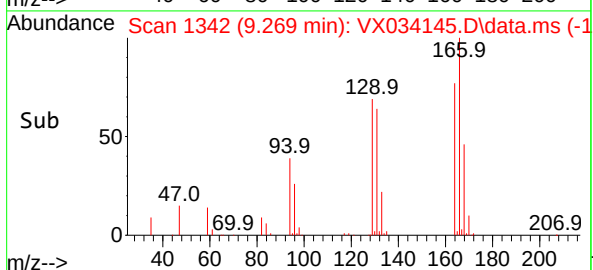
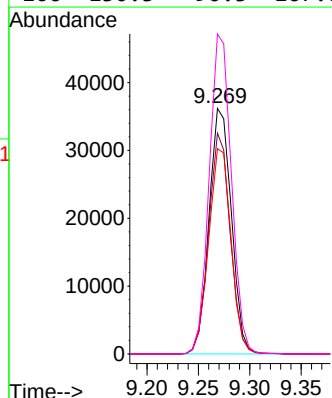
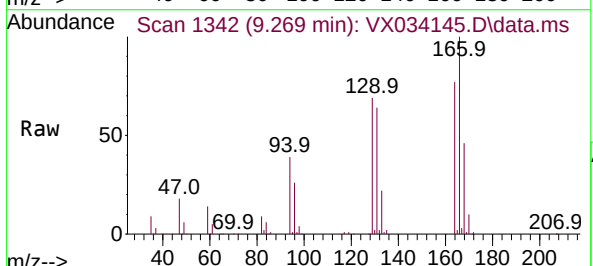
Ion Ratio Lower Upper

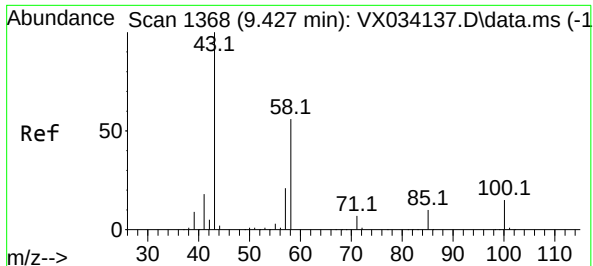
164 100

129 89.9 59.3 110.1

131 83.6 56.1 104.3

166 130.3 90.3 167.7

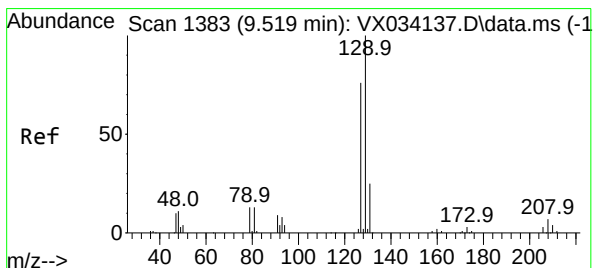
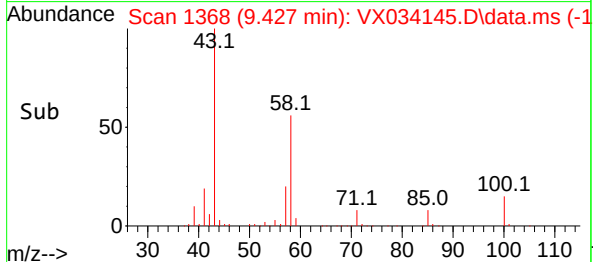
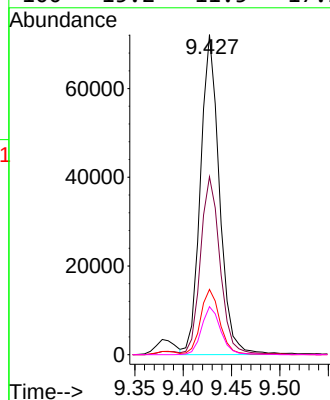
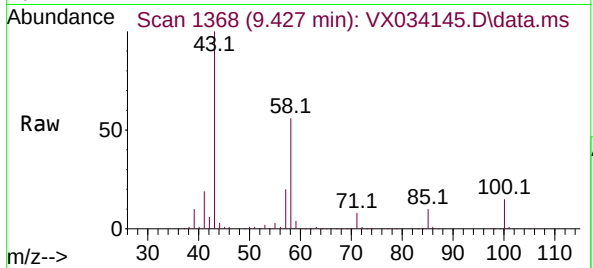




#48
2-Hexanone
Concen: 121.817 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

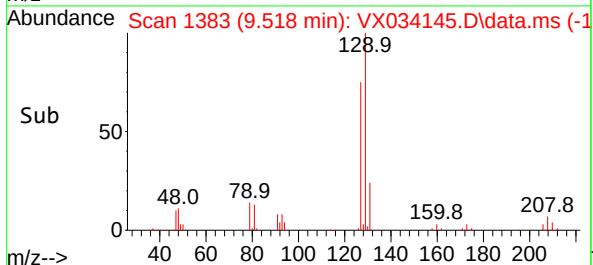
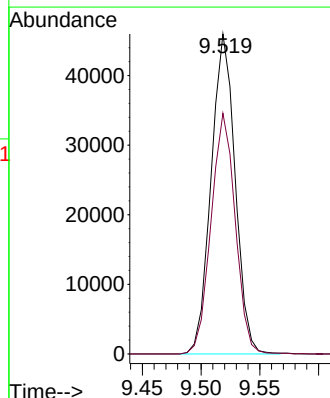
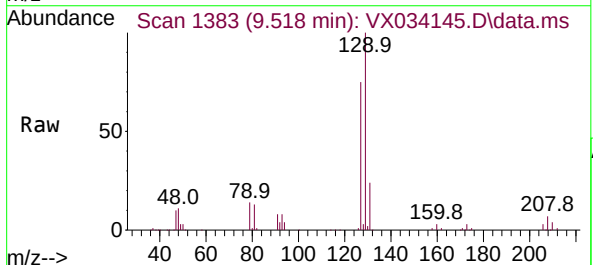
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

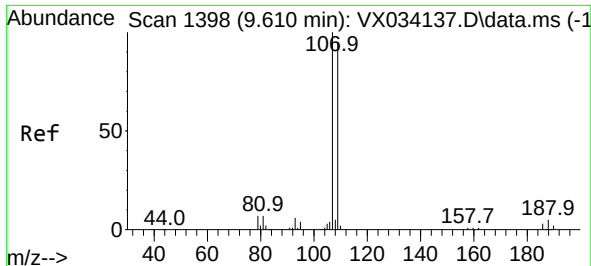
Tgt Ion:	43	Resp:	98502
Ion	Ratio	Lower	Upper
43	100		
58	56.5	45.7	68.5
57	20.5	15.8	23.8
100	15.2	11.5	17.3



#49
Dibromochloromethane
Concen: 58.587 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion:	129	Resp:	65381
Ion	Ratio	Lower	Upper
129	100		
127	75.2	53.3	98.9





#50

1,2-Dibromoethane

Concen: 54.245 ug/L

RT: 9.604 min Scan# 1397

Delta R.T. -0.006 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD050622

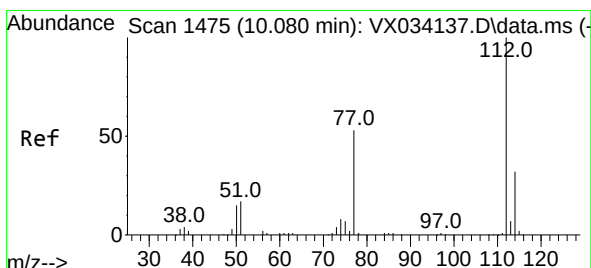
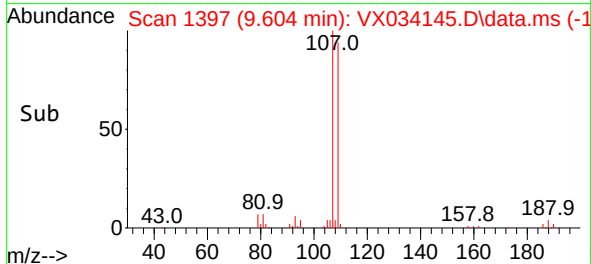
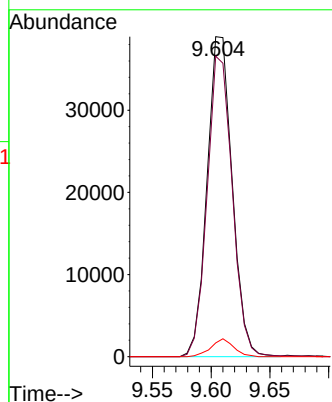
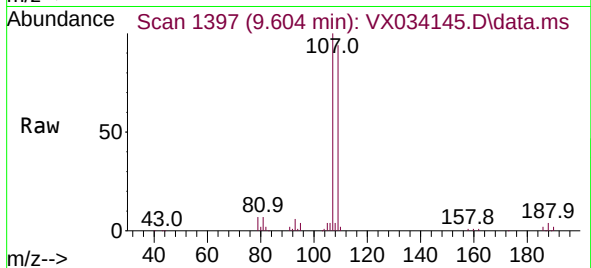
Tgt Ion:107 Resp: 58013

Ion Ratio Lower Upper

107 100

109 93.9 64.9 120.5

188 4.3 3.3 4.9



#51

Chlorobenzene

Concen: 54.603 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

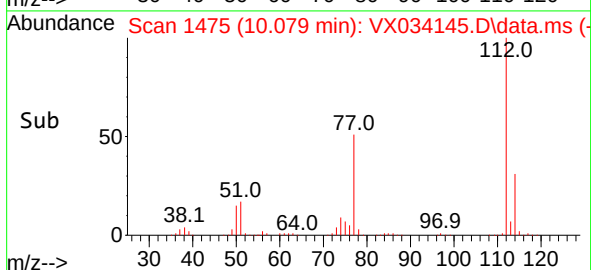
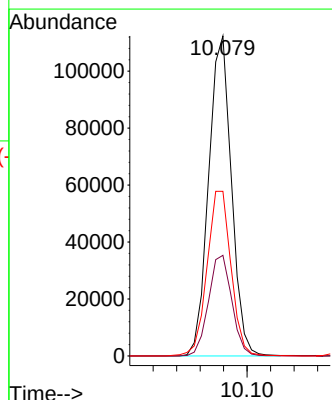
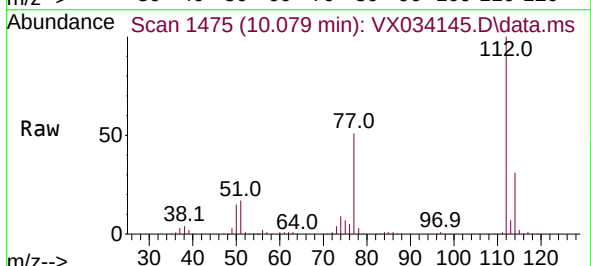
Tgt Ion:112 Resp: 151410

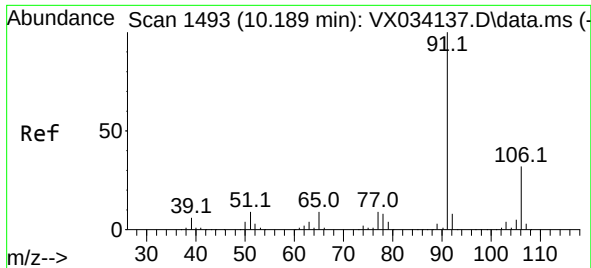
Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.3

77 51.5 43.4 65.0

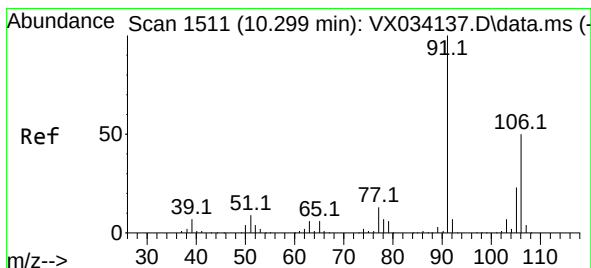
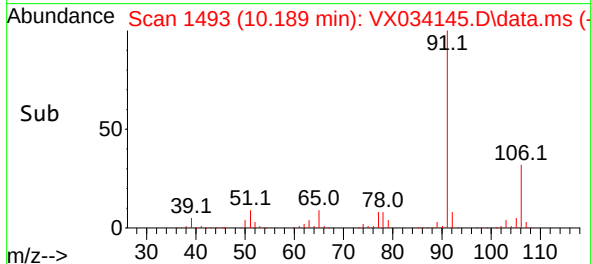
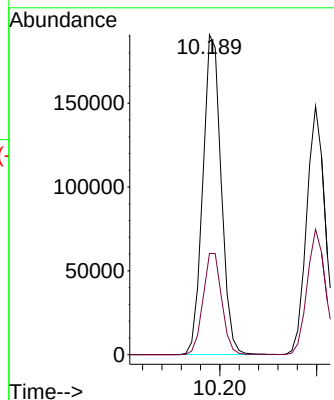
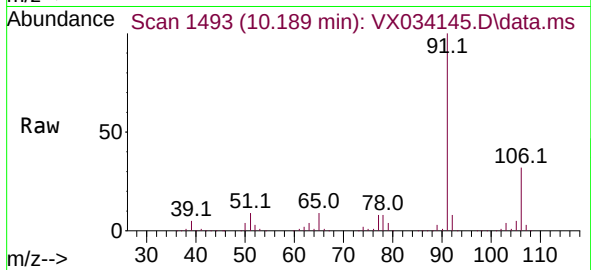




#52
Ethylbenzene
Concen: 55.194 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

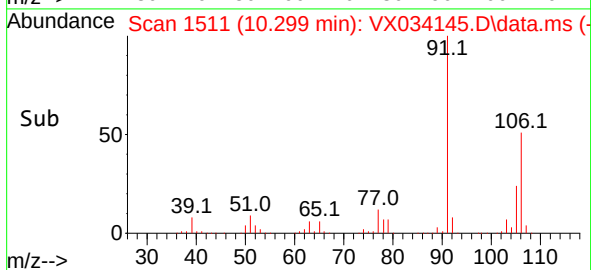
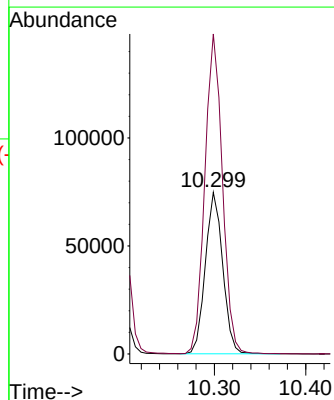
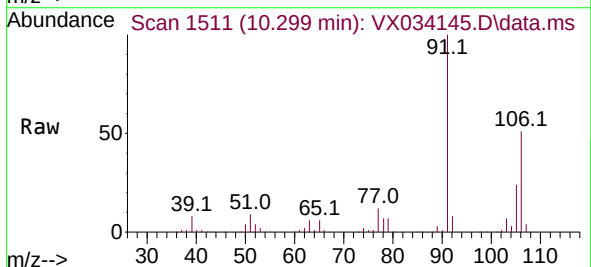
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

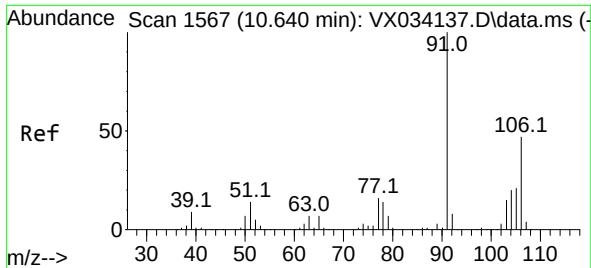
Tgt Ion: 91 Resp: 251846
Ion Ratio Lower Upper
91 100
106 31.6 23.2 43.0



#53
m,p-Xylene
Concen: 53.386 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion: 106 Resp: 98506
Ion Ratio Lower Upper
106 100
91 197.9 135.2 251.0

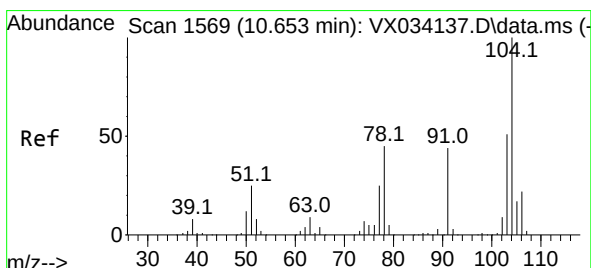
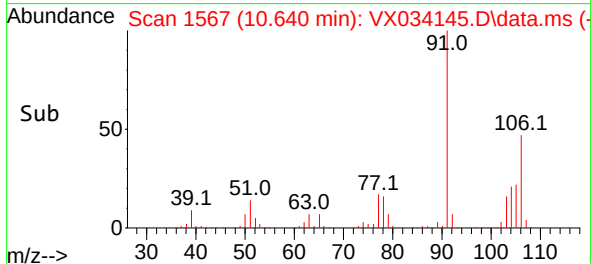
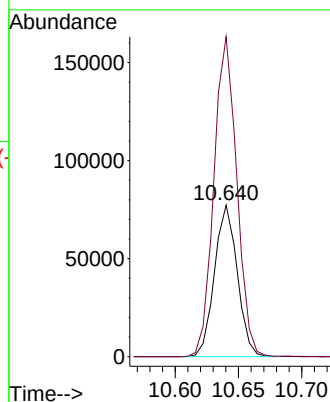
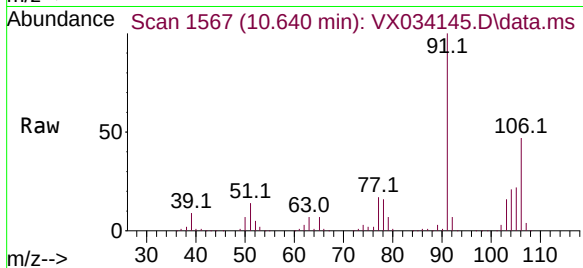




#54
o-Xylene
Concen: 53.299 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

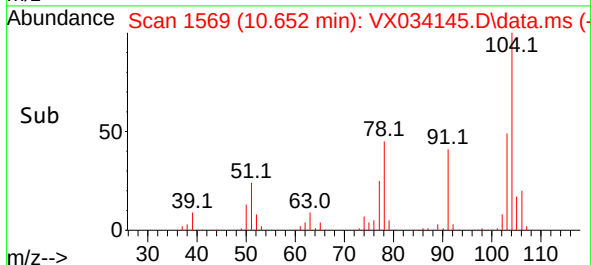
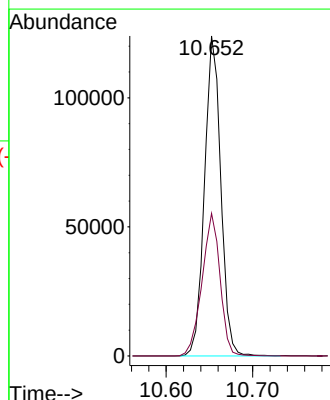
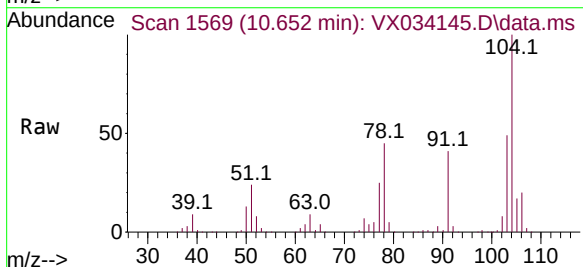
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

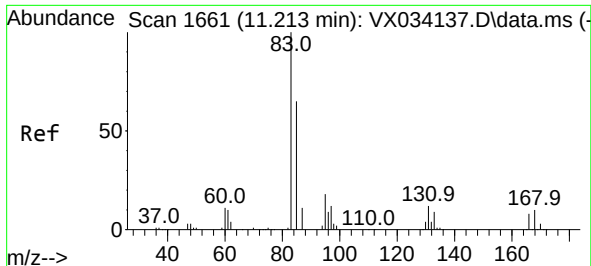
Tgt Ion:106 Resp: 96820
Ion Ratio Lower Upper
106 100
91 211.1 140.2 260.4



#55
Styrene
Concen: 52.865 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion:104 Resp: 162190
Ion Ratio Lower Upper
104 100
78 44.5 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 53.251 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD050622

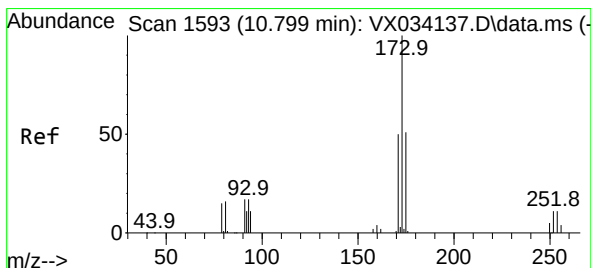
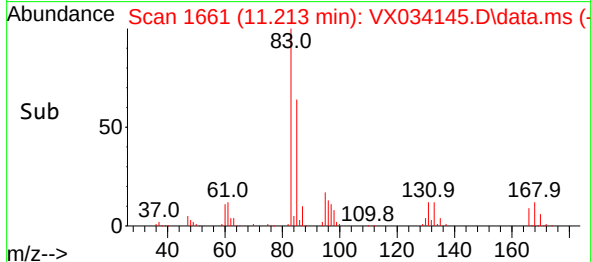
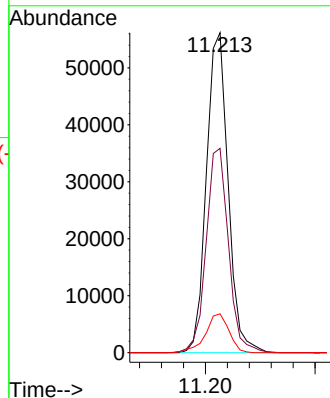
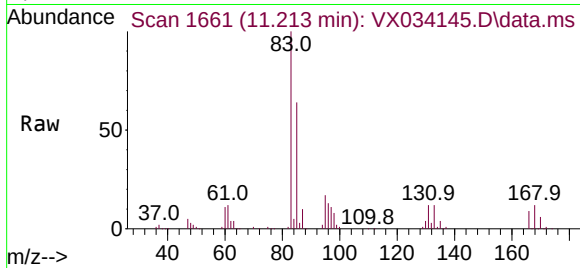
Tgt Ion: 83 Resp: 77112

Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.0

131 12.2 9.1 13.7



#59

Bromoform

Concen: 53.185 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

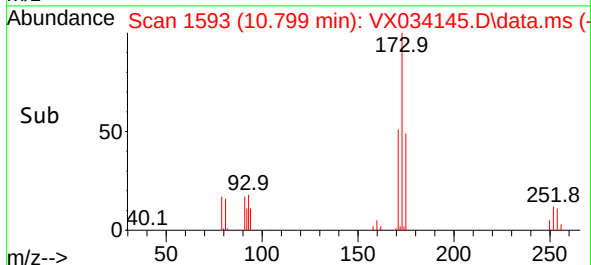
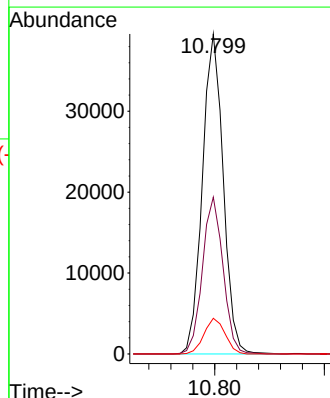
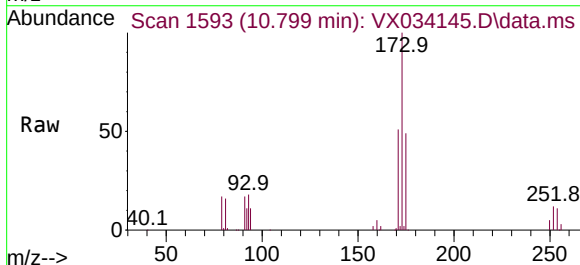
Tgt Ion: 173 Resp: 52172

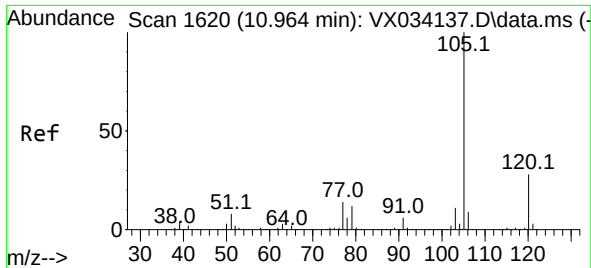
Ion Ratio Lower Upper

173 100

175 48.6 38.3 57.5

254 11.3 9.1 13.7

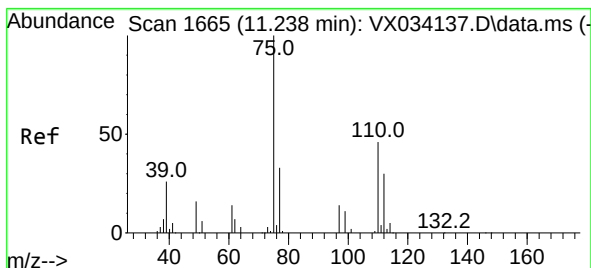
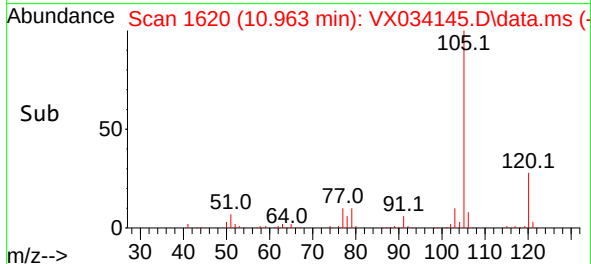
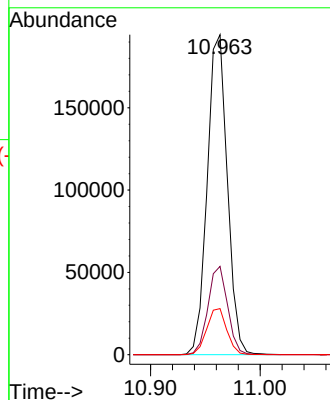
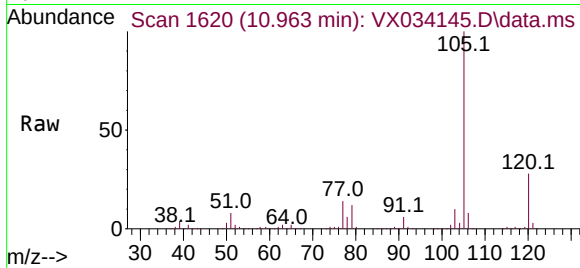




#60
Isopropylbenzene
Concen: 50.497 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

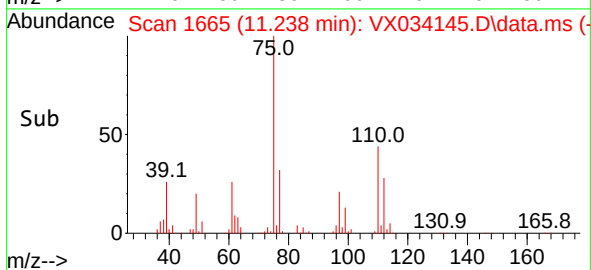
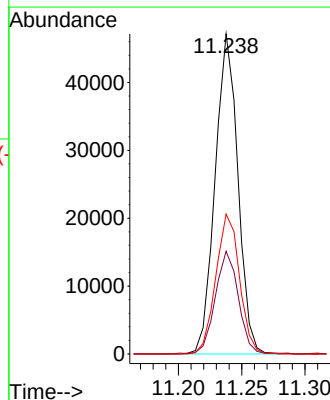
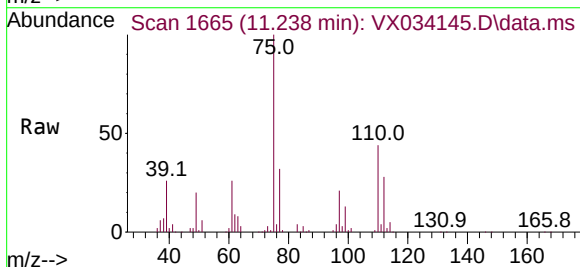
Instrument :
MSVOA_X
ClientSampleId :
VSTD050622

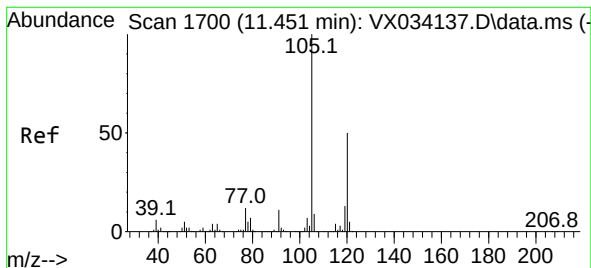
Tgt Ion:105 Resp: 247870
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.6
77 14.4 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 52.845 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion: 75 Resp: 58920
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 45.4 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 54.544 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

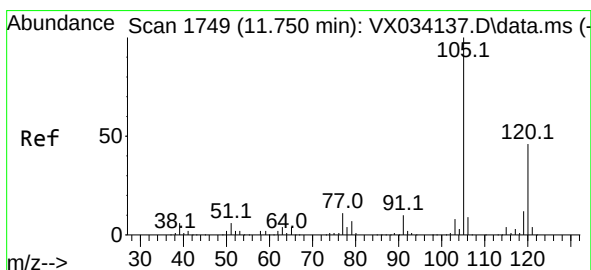
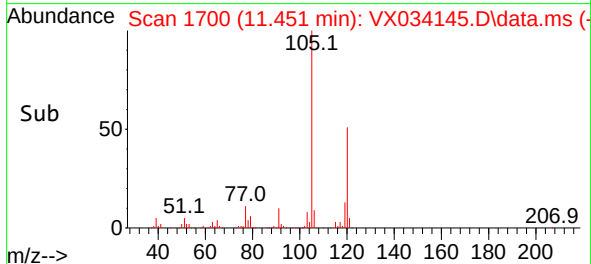
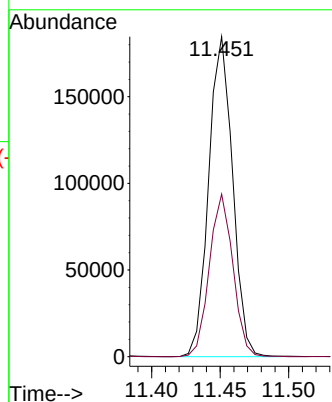
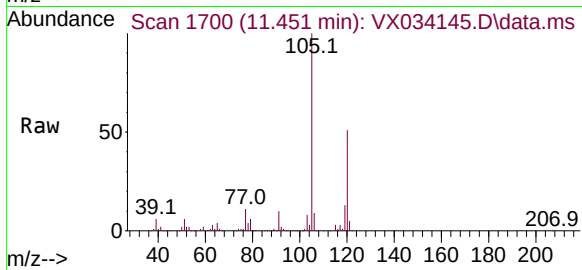
VSTD050622

Tgt Ion:105 Resp: 223711

Ion Ratio Lower Upper

105 100

120 50.1 41.3 61.9



#63

1,2,4-Trimethylbenzene

Concen: 55.993 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034145.D

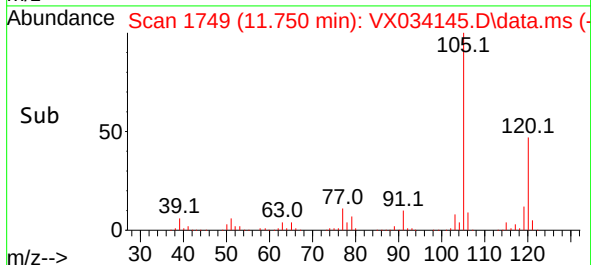
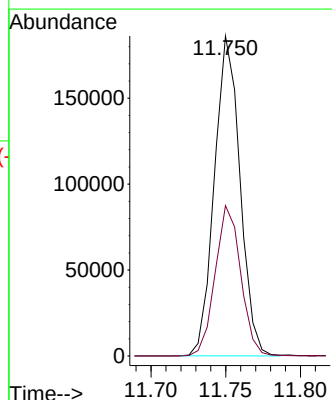
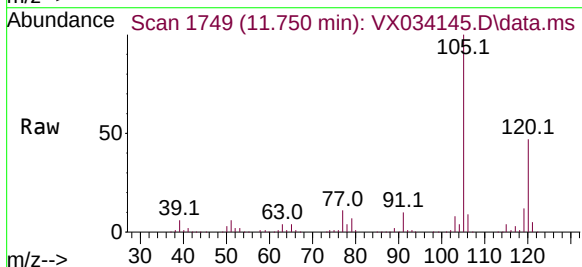
Acq: 13 Feb 2023 16:48

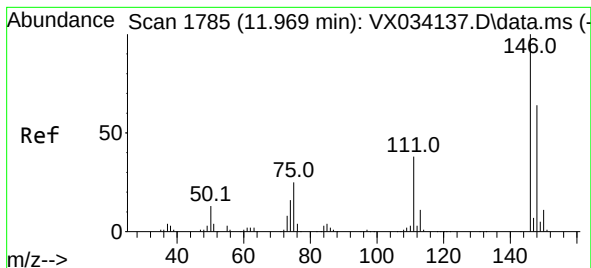
Tgt Ion:105 Resp: 221592

Ion Ratio Lower Upper

105 100

120 46.9 38.5 57.7





#64

1,3-Dichlorobenzene

Concen: 53.347 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTD050622

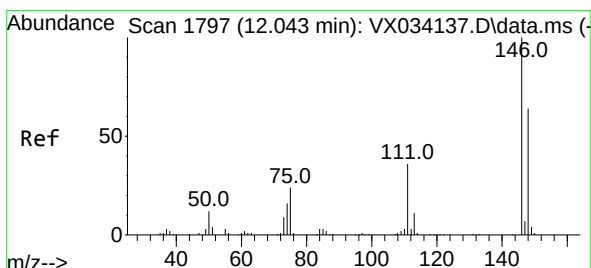
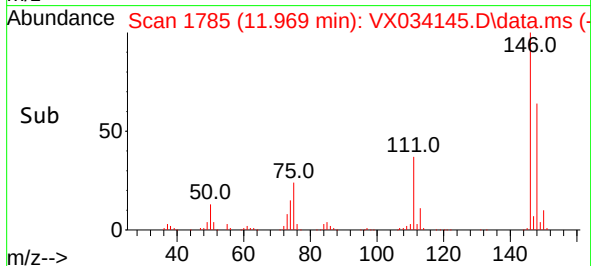
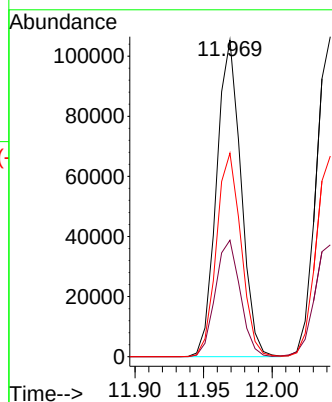
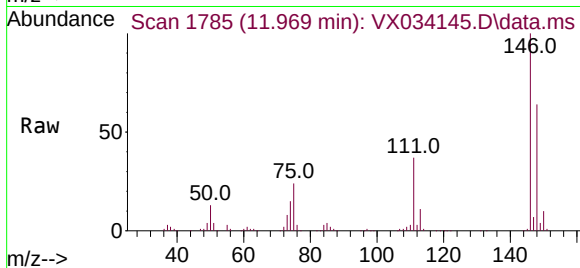
Tgt Ion:146 Resp: 130836

Ion Ratio Lower Upper

146 100

111 36.8 25.5 47.3

148 64.3 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 51.219 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX034145.D

Acq: 13 Feb 2023 16:48

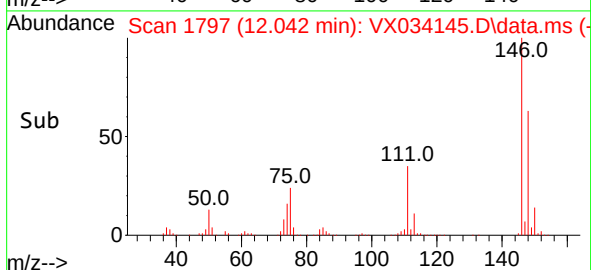
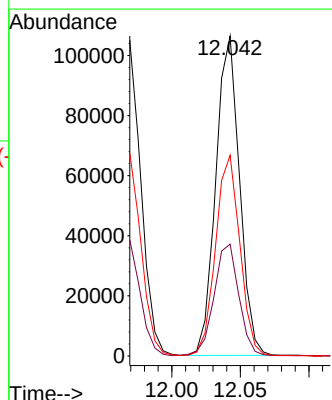
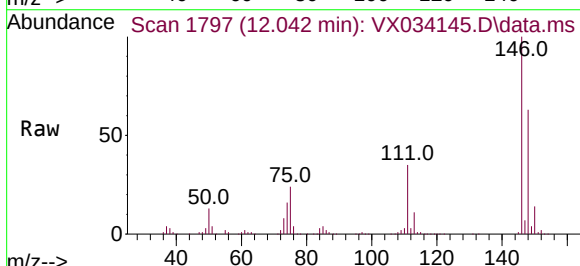
Tgt Ion:146 Resp: 128213

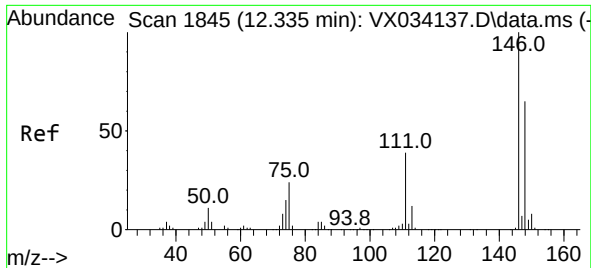
Ion Ratio Lower Upper

146 100

111 35.0 23.7 44.1

148 62.7 45.0 83.6

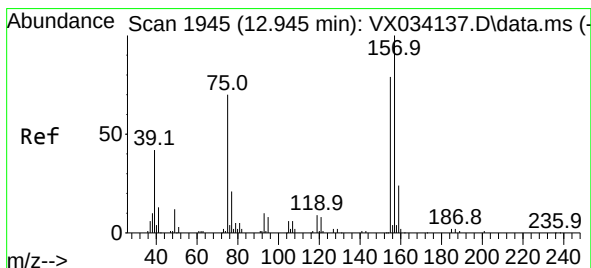
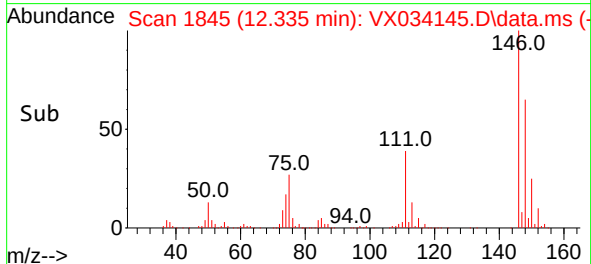
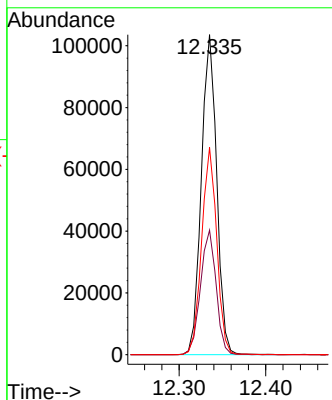
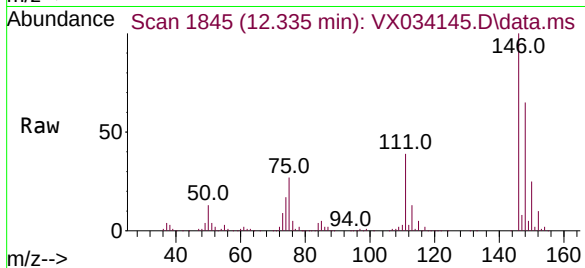




#67
 1,2-Dichlorobenzene
 Concen: 53.237 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

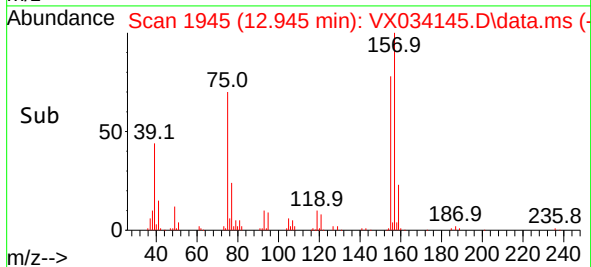
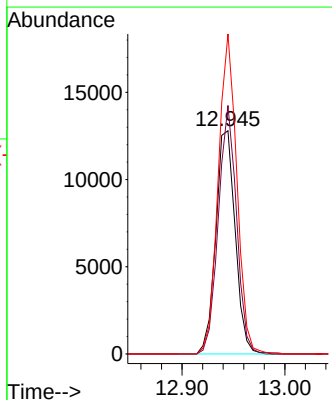
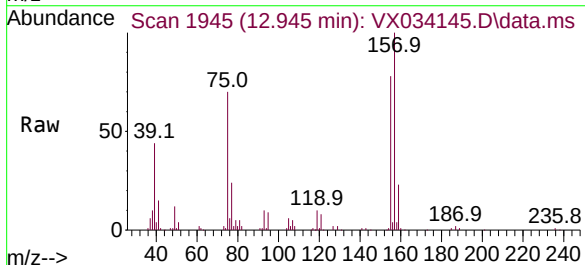
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

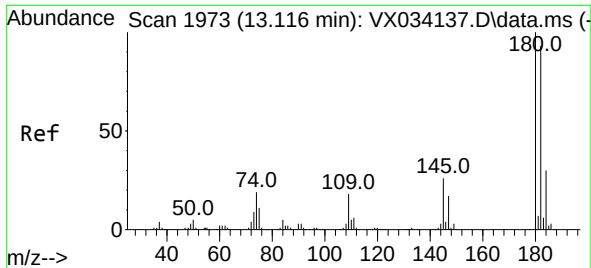
Tgt Ion:146 Resp: 127392
 Ion Ratio Lower Upper
 146 100
 111 38.9 30.4 45.6
 148 64.8 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 53.000 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

Tgt Ion: 75 Resp: 16782
 Ion Ratio Lower Upper
 75 100
 155 111.3 89.0 133.6
 157 143.4 116.9 175.3

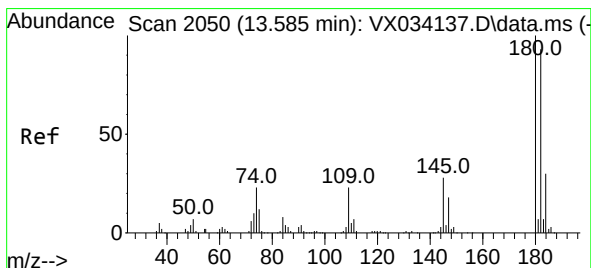
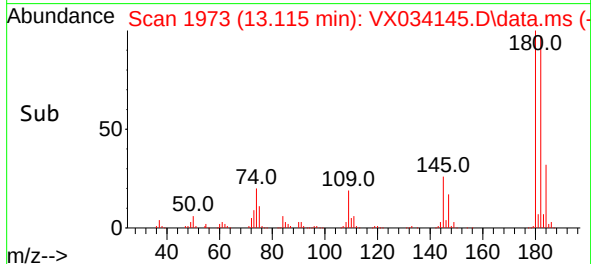
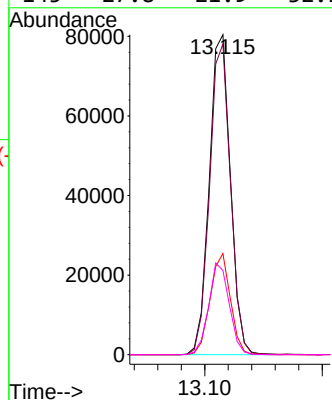
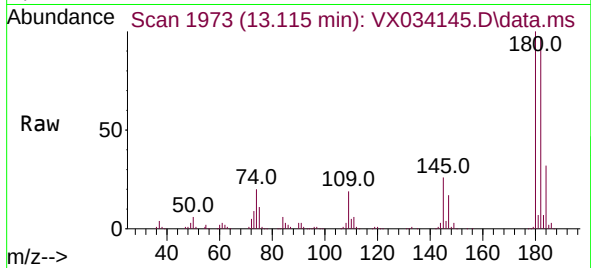




#69
 1,3,5-Trichlorobenzene
 Concen: 52.846 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

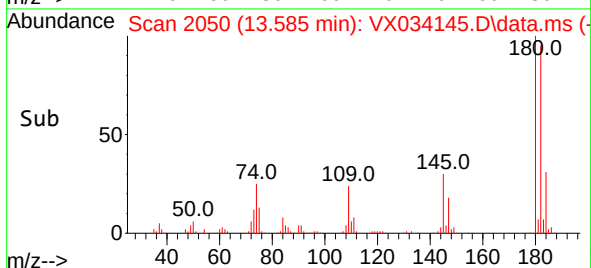
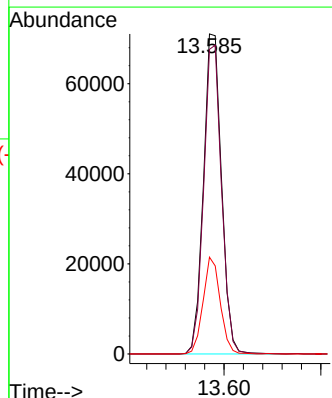
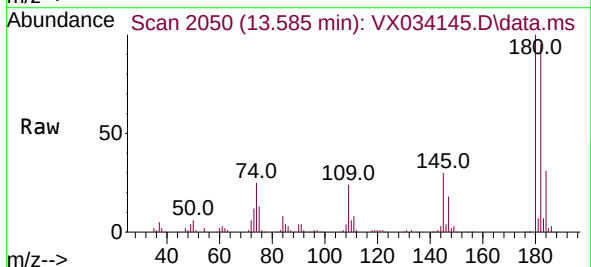
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050622

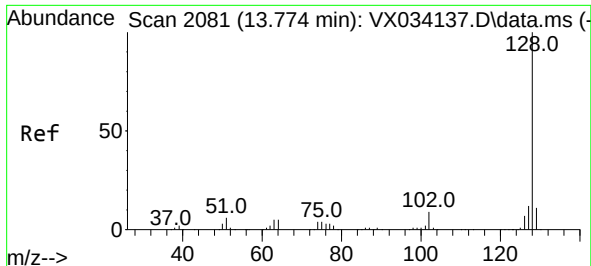
Tgt Ion:180	Resp:	100484
Ion	Ratio	Lower Upper
180	100	
182	95.8	77.3 115.9
184	30.4	24.5 36.7
145	27.8	21.9 32.9



#70
 1,2,4-trichlorobenzene
 Concen: 53.841 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX034145.D
 Acq: 13 Feb 2023 16:48

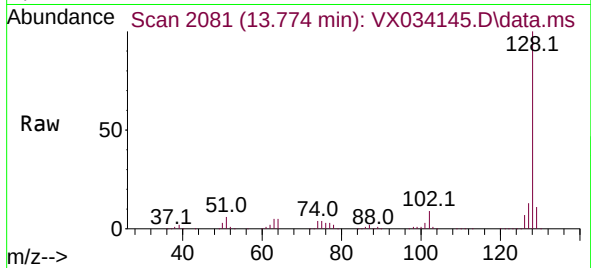
Tgt Ion:180	Resp:	92291
Ion	Ratio	Lower Upper
180	100	
182	95.5	76.5 114.7
145	28.8	22.3 33.5



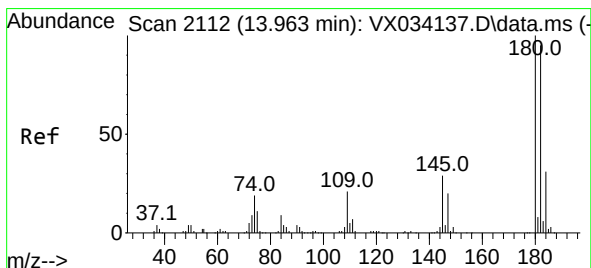
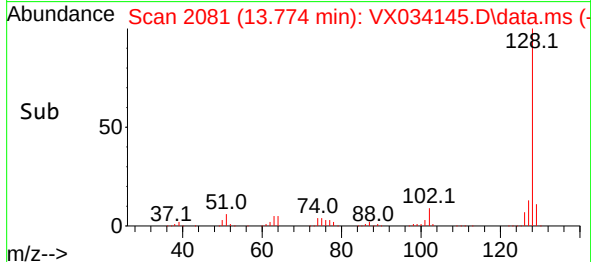
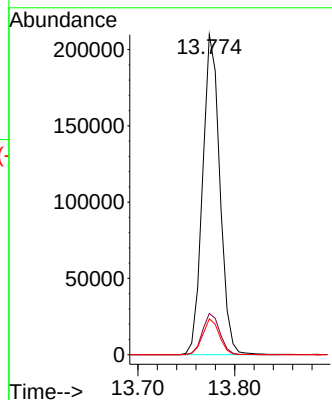


#71
Naphthalene
Concen: 56.006 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTD050622



Tgt Ion:128 Resp: 260779
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.856 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034145.D
Acq: 13 Feb 2023 16:48

Tgt Ion:180 Resp: 92483
Ion Ratio Lower Upper
180 100
182 94.9 77.1 115.7
145 30.6 23.5 35.3

