

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035202.D
 Acq On : 20 Apr 2023 04:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:12:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	447013	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	384830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	128065	44.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.860%
7) Chloroethane-d5	1.672	69	94482	45.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	2.306	65	65487	47.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
21) 2-Butanone-d5	4.465	46	192344	100.138	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.140%
24) Chloroform-d	5.056	84	271783	50.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.140%
26) 1,2-Dichloroethane-d4	5.952	65	170475	48.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
32) Benzene-d6	5.976	84	557848	50.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	7.306	67	174056	51.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	8.647	98	508763	50.357	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.720%
43) trans-1,3-Dichloroprop...	8.952	79	73012	49.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.960%
47) 2-Hexanone-d5	9.384	63	139859	103.138	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	214081	51.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.540%
66) 1,2-Dichlorobenzene-d4	12.317	152	180658	50.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	166063	49.568	ug/L	100
3) Chloromethane	1.294	50	149306	48.971	ug/L	99
5) Vinyl chloride	1.374	62	150133	47.451	ug/L	99
6) Bromomethane	1.618	94	75275	40.058	ug/L	96
8) Chloroethane	1.691	64	85028	48.186	ug/L	96
9) Trichlorofluoromethane	1.892	101	217092	50.669	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	148207	50.633	ug/L	99
12) 1,1-Dichloroethene	2.319	96	138155	51.732	ug/L	97
13) Acetone	2.392	43	134507	94.417	ug/L	100
14) Carbon disulfide	2.514	76	325324	49.305	ug/L	98
15) Methyl Acetate	2.703	43	153277	50.226	ug/L	99
16) Methylene chloride	2.788	84	151161	50.834	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	140262	51.004	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	489691	51.490	ug/L	99
19) 1,1-Dichloroethane	3.611	63	273569	51.605	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	164619	51.200	ug/L	98
22) 2-Butanone	4.562	43	208620	95.405	ug/L	98
23) Bromochloromethane	4.897	128	83557	52.471	ug/L	97
25) Chloroform	5.093	83	278263	51.772	ug/L	99

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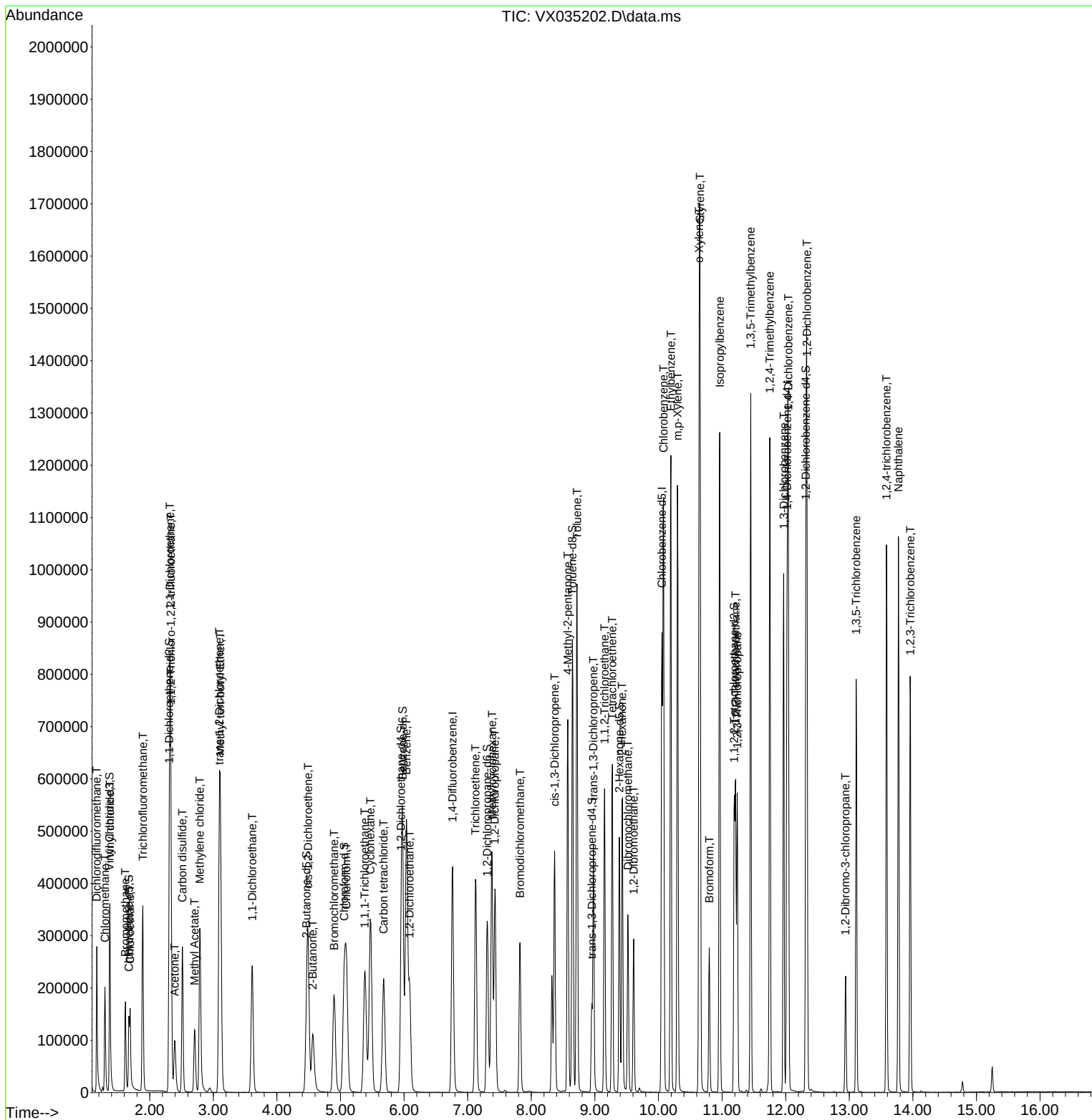
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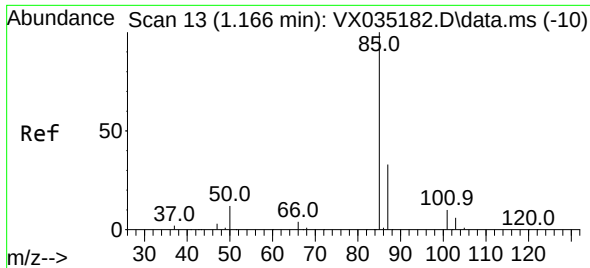
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	221333	51.414	ug/L	99
29) Cyclohexane	5.470	56	236194	50.797	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	235336	52.141	ug/L	99
31) Carbon tetrachloride	5.678	117	200106	52.285	ug/L	99
33) Benzene	6.037	78	636542	54.620	ug/L	100
34) Trichloroethene	7.123	95	161402	52.063	ug/L	97
35) Methylcyclohexane	7.385	83	212507	50.900	ug/L	99
37) 1,2-Dichloropropane	7.427	63	163077	53.149	ug/L	99
38) Bromodichloromethane	7.824	83	191462	52.813	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	240249	52.367	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	414474	102.473	ug/L	99
42) Toluene	8.720	91	638020	52.767	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	217795	52.686	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	153923	52.866	ug/L	99
46) Tetrachloroethene	9.275	164	119373	51.693	ug/L	98
48) 2-Hexanone	9.427	43	310693	101.172	ug/L	99
49) Dibromochloromethane	9.519	129	149443	54.009	ug/L	97
50) 1,2-Dibromoethane	9.610	107	161473	53.299	ug/L	98
51) Chlorobenzene	10.079	112	498549	62.586	ug/L	100
52) Ethylbenzene	10.195	91	703673	52.646	ug/L	99
53) m,p-Xylene	10.299	106	270945	52.937	ug/L	98
54) o-Xylene	10.640	106	266211	52.903	ug/L	99
55) Styrene	10.652	104	456275	53.517	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	224501	52.320	ug/L	100
59) Bromoform	10.799	173	100312	52.348	ug/L	99
60) Isopropylbenzene	10.963	105	666327	52.641	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	177889	51.759	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	544821	52.632	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	543265	52.780	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	313392	54.286	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	410728	69.529	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	383806	65.568	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	43666	51.489	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	183309	51.362	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	249876	74.772	ug/L	98
71) Naphthalene	13.774	128	633889	53.251	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	191138	57.937	ug/L	99

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

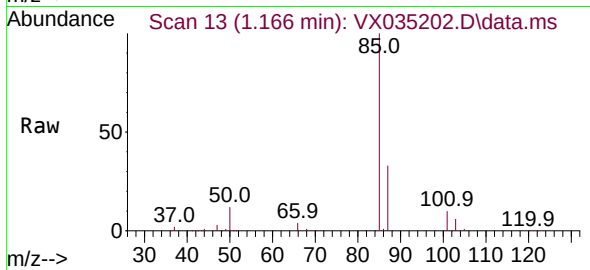
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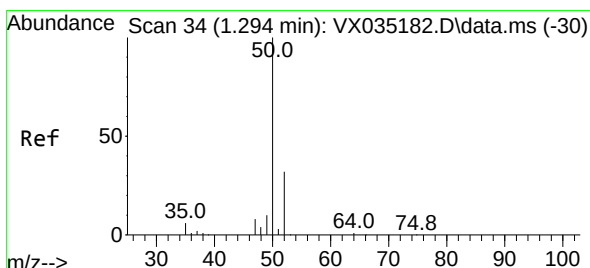
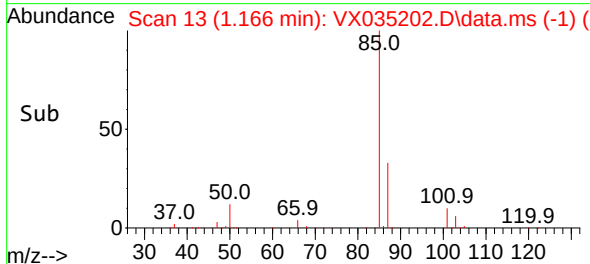
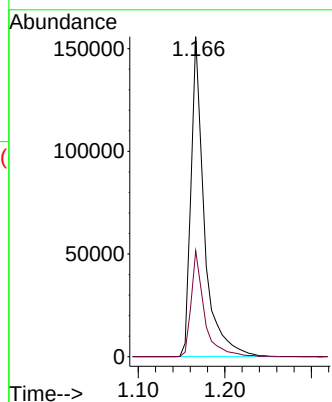


#2
 Dichlorodifluoromethane
 Concen: 49.568 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035202.D
 Acq: 20 Apr 2023 04:12

Instrument :
 MSVOA_X
 ClientSampleId :

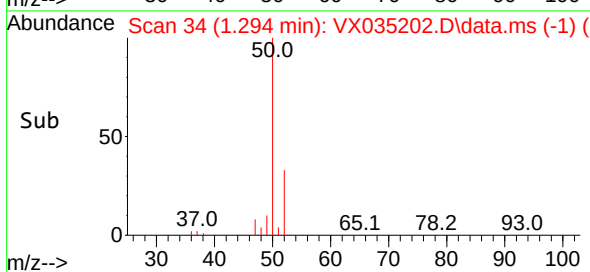
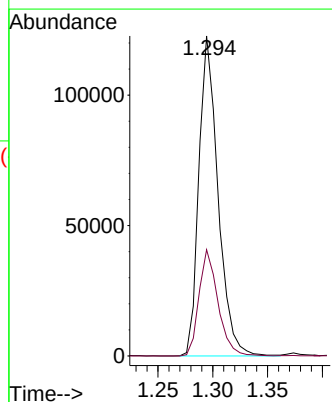
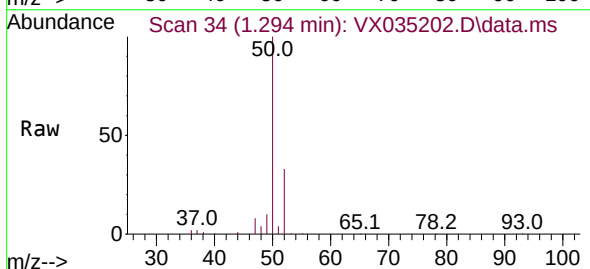


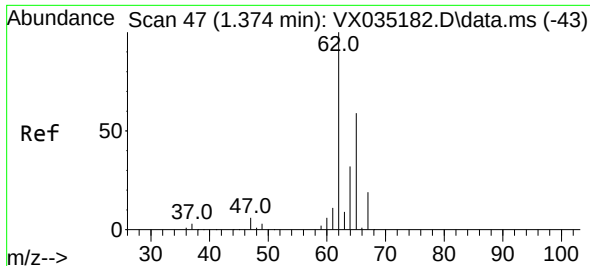
Tgt Ion: 85 Resp: 166063
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 48.971 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX035202.D
 Acq: 20 Apr 2023 04:12

Tgt Ion: 50 Resp: 149306
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6

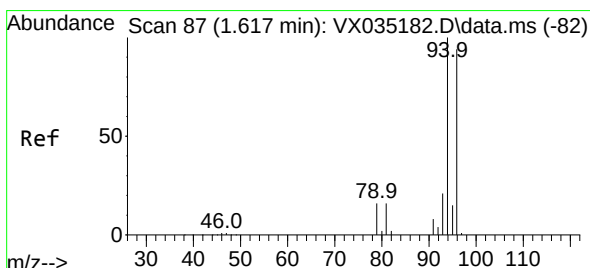
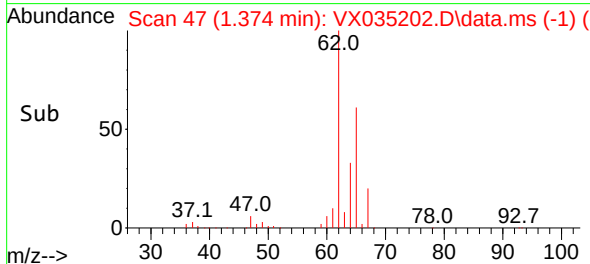
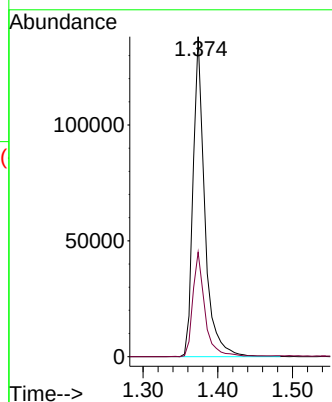
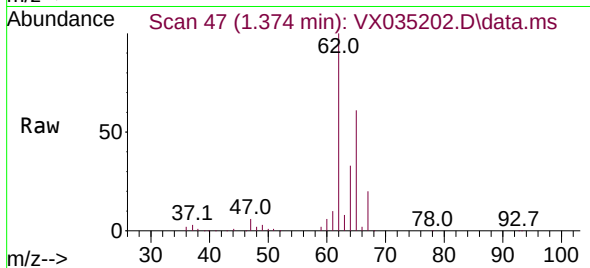




#5
 Vinyl chloride
 Concen: 47.451 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035202.D
 Acq: 20 Apr 2023 04:12

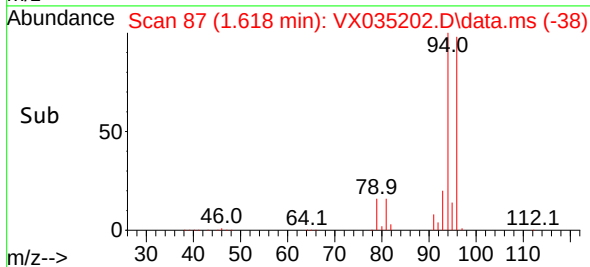
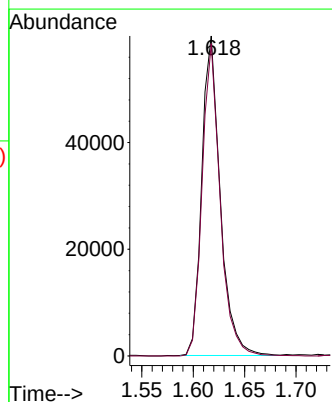
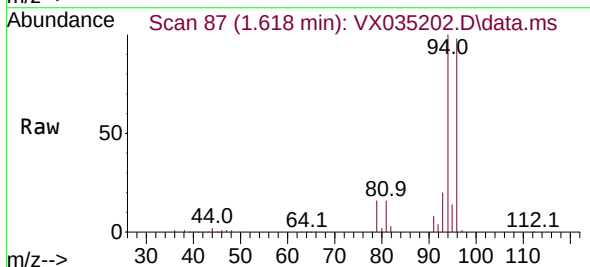
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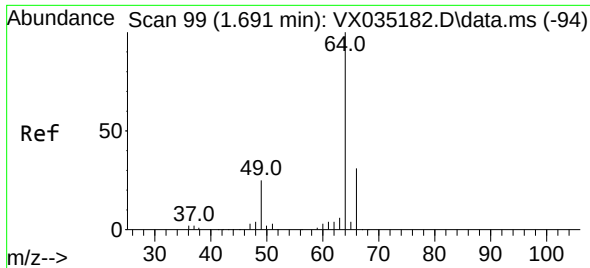
Tgt Ion: 62 Resp: 150133
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.5 41.7



#6
 Bromomethane
 Concen: 40.058 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035202.D
 Acq: 20 Apr 2023 04:12

Tgt Ion: 94 Resp: 75275
 Ion Ratio Lower Upper
 94 100
 96 97.6 65.7 121.9

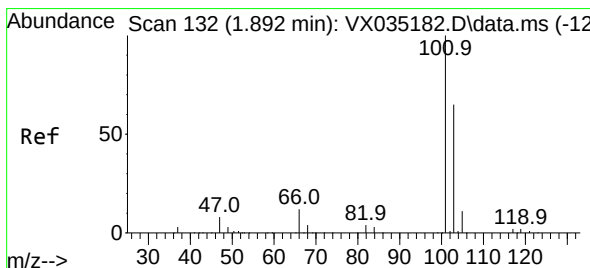
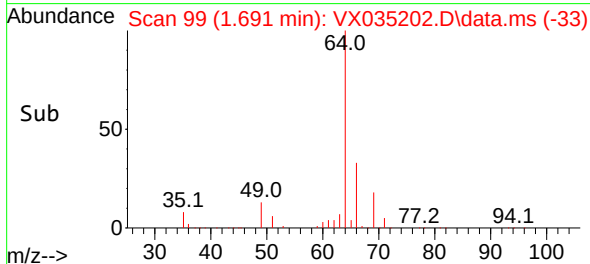
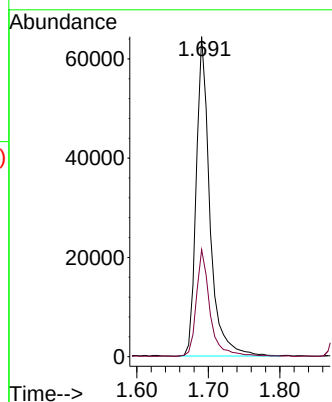
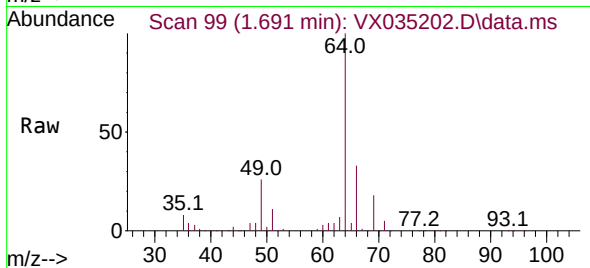




#8
Chloroethane
Concen: 48.186 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

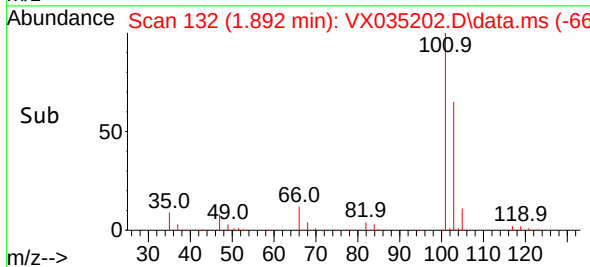
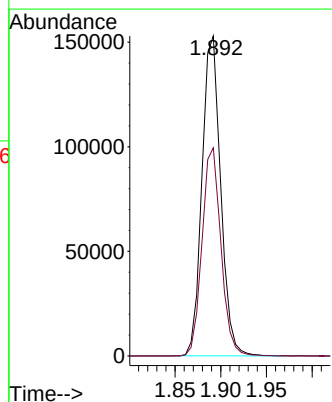
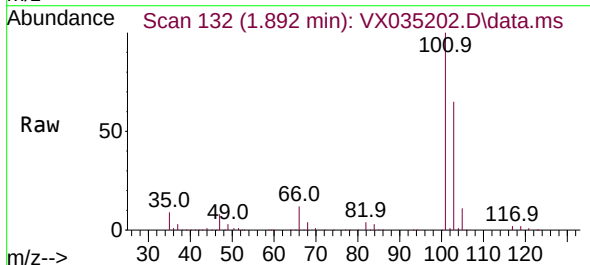
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MSVOA_X
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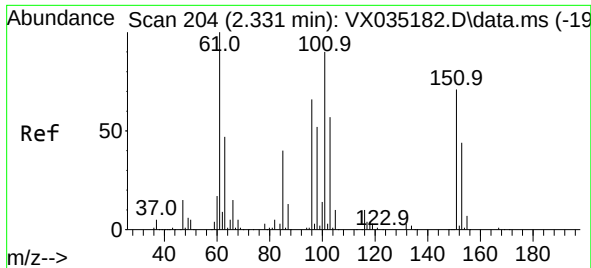
Tgt Ion: 64 Resp: 85028
Ion Ratio Lower Upper
64 100
66 33.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 50.669 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion: 101 Resp: 217092
Ion Ratio Lower Upper
101 100
103 65.9 51.7 77.5

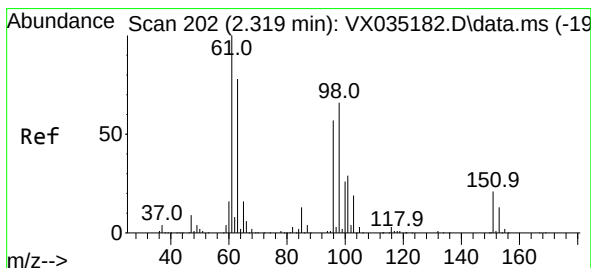
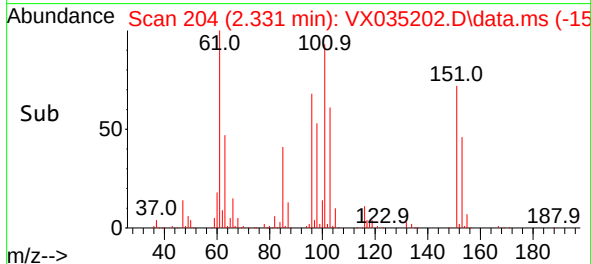
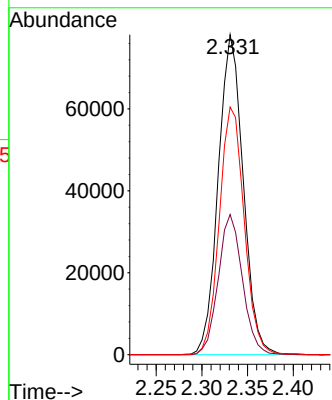
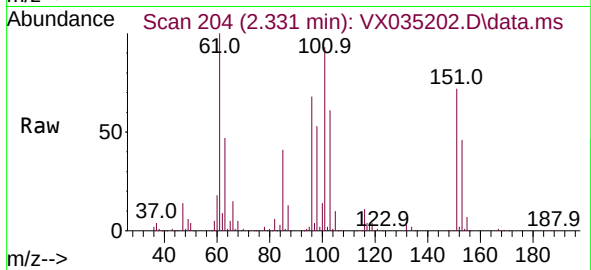




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.633 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX035202.D
 Acq: 20 Apr 2023 04:12

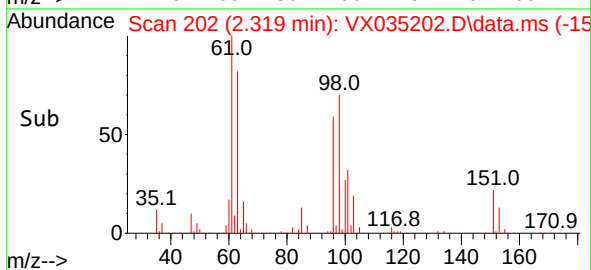
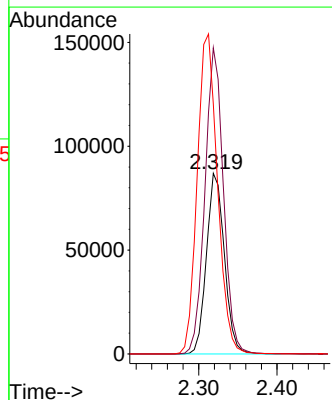
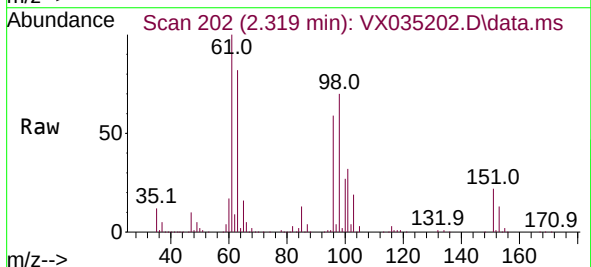
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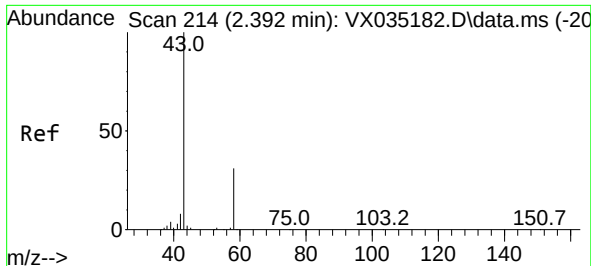
Tgt Ion:101 Resp: 148207
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.2 51.2
 151 77.2 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 51.732 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX035202.D
 Acq: 20 Apr 2023 04:12

Tgt Ion: 96 Resp: 138155
 Ion Ratio Lower Upper
 96 100
 61 169.4 119.0 221.0
 63 138.3 91.0 169.0





#13

Acetone

Concen: 94.417 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

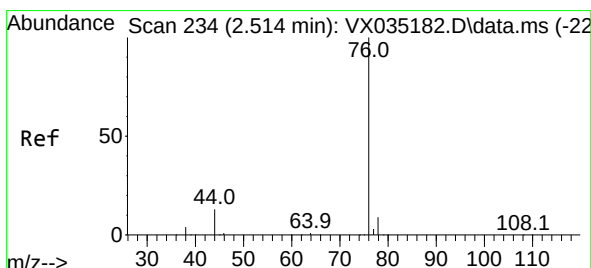
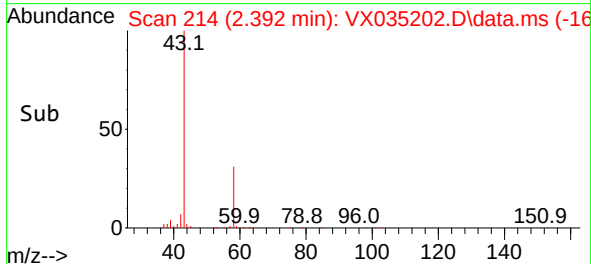
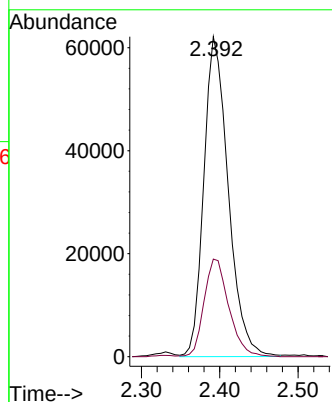
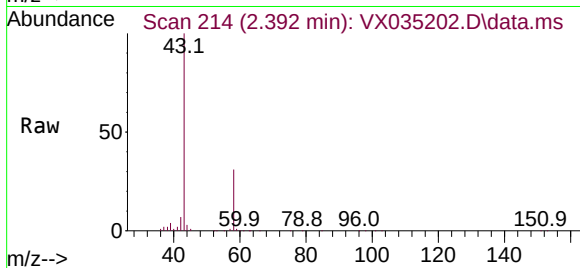
ClientSampleId :

Tgt Ion: 43 Resp: 134507

Ion Ratio Lower Upper

43 100

58 30.9 0.0 62.0



#14

Carbon disulfide

Concen: 49.305 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035202.D

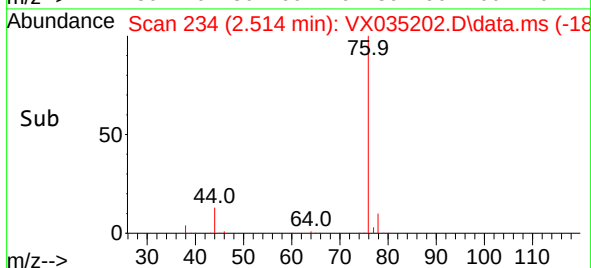
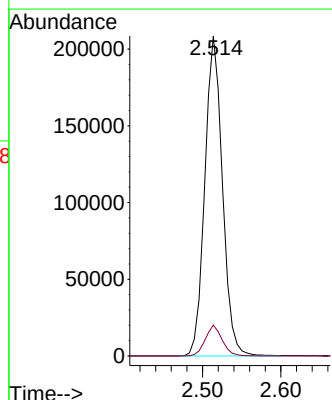
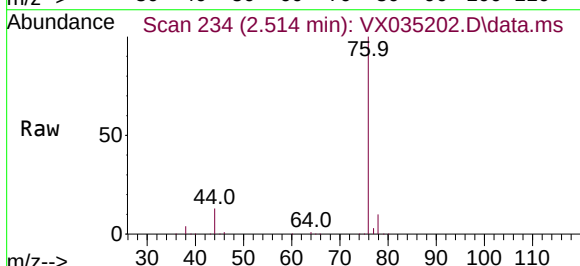
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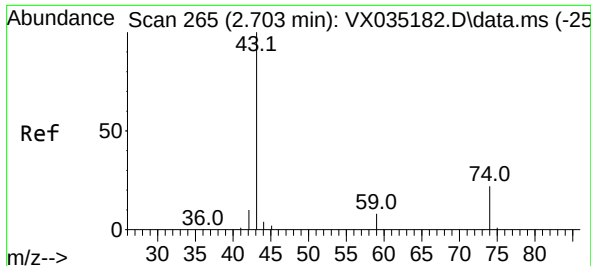
Tgt Ion: 76 Resp: 325324

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

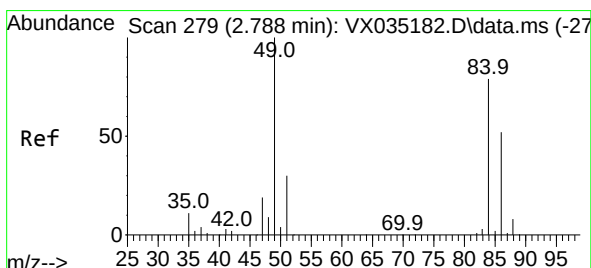
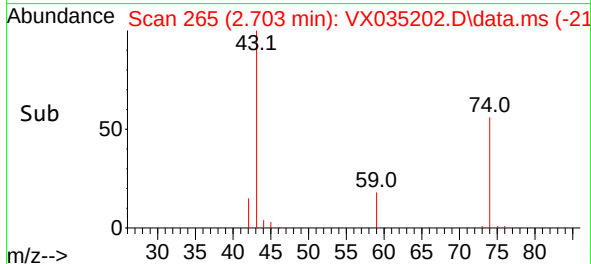
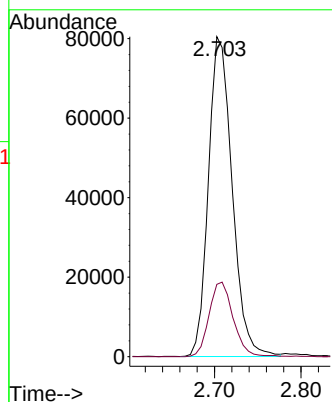
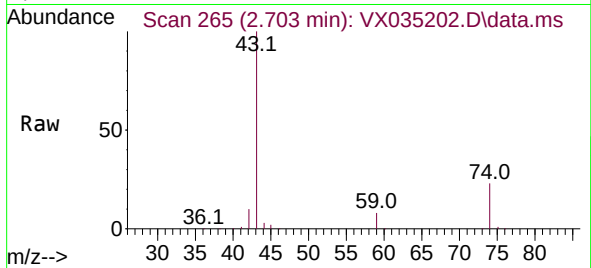




#15
Methyl Acetate
Concen: 50.226 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

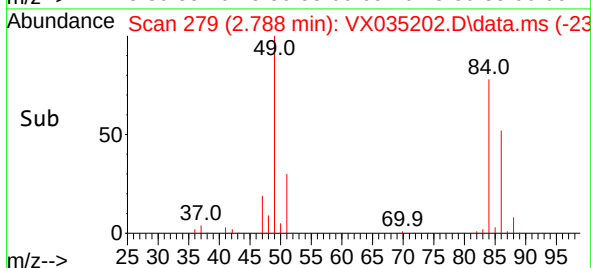
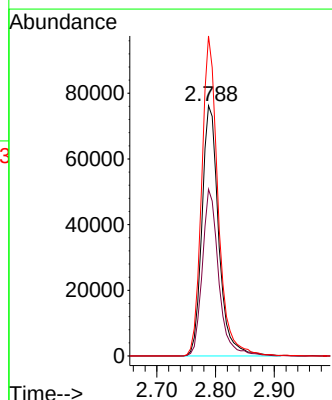
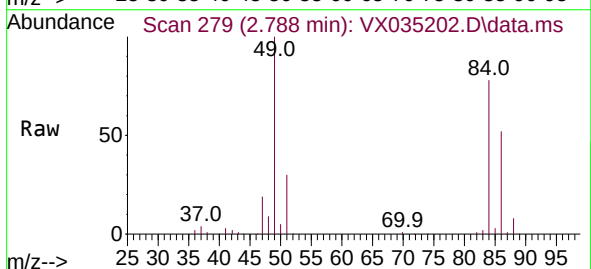
Instrument :
MSVOA_X
ClientSampleId :

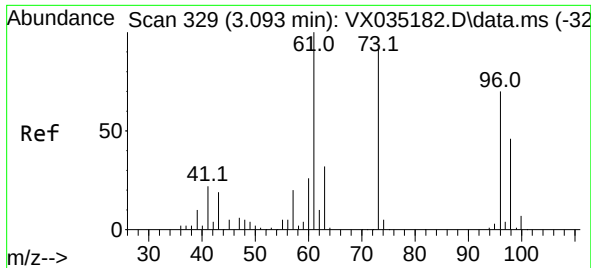
Tgt Ion: 43 Resp: 153277
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4



#16
Methylene chloride
Concen: 50.834 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

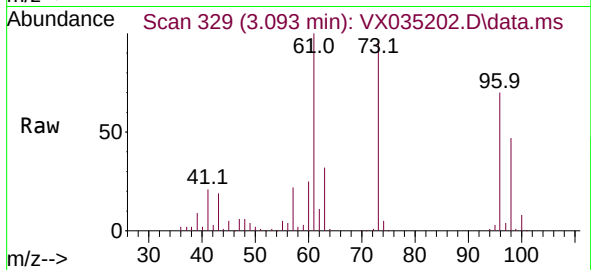
Tgt Ion: 84 Resp: 151161
Ion Ratio Lower Upper
84 100
86 66.6 45.8 85.0
49 127.9 88.7 164.7





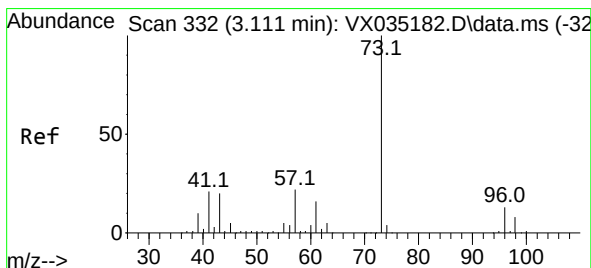
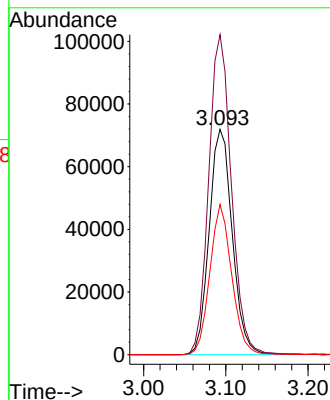
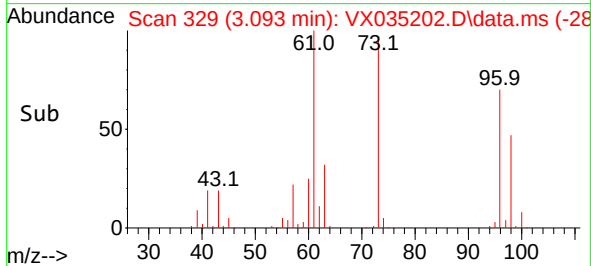
#17
trans-1,2-Dichloroethene
Concen: 51.004 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Instrument :
MSVOA_X
ClientSampleId :

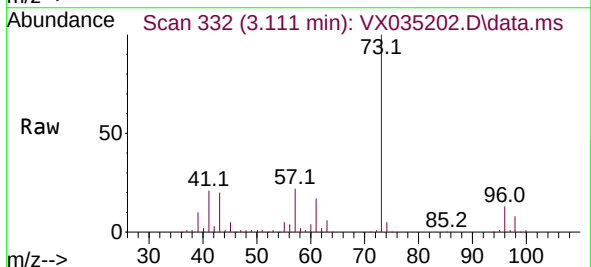


Tgt Ion: 96 Resp: 140262

Ion	Ratio	Lower	Upper
96	100		
61	142.1	98.8	183.4
98	66.7	44.4	82.4

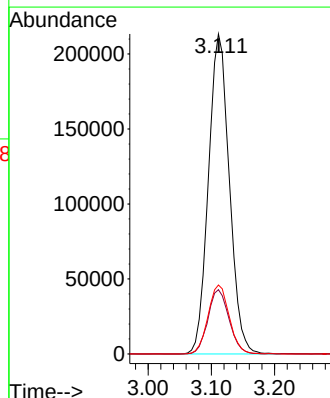
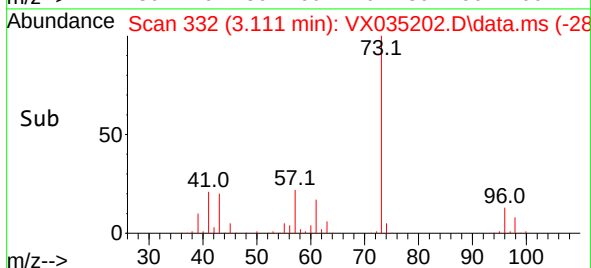


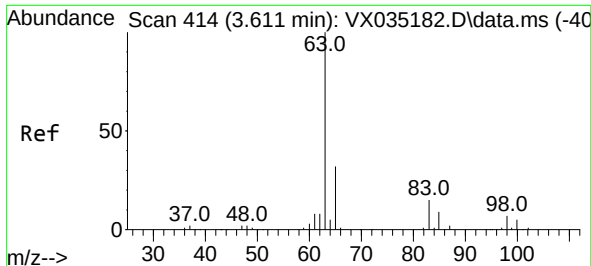
#18
Methyl tert-butyl Ether
Concen: 51.490 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12



Tgt Ion: 73 Resp: 489691

Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.6	25.0
57	21.8	17.5	26.3





#19

1,1-Dichloroethane

Concen: 51.605 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

ClientSampleId :

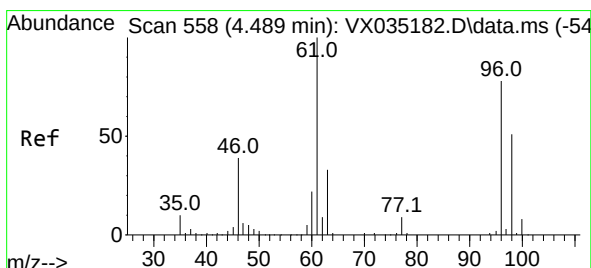
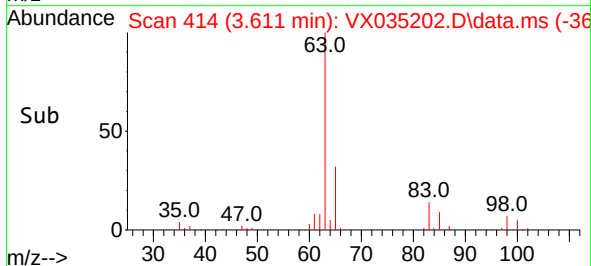
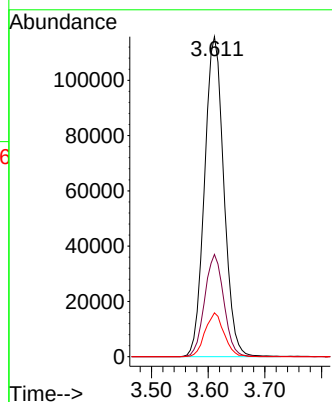
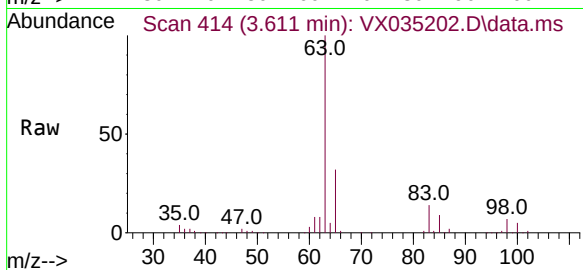
Tgt Ion: 63 Resp: 273569

Ion Ratio Lower Upper

63 100

65 31.9 22.8 42.4

83 13.7 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 51.200 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

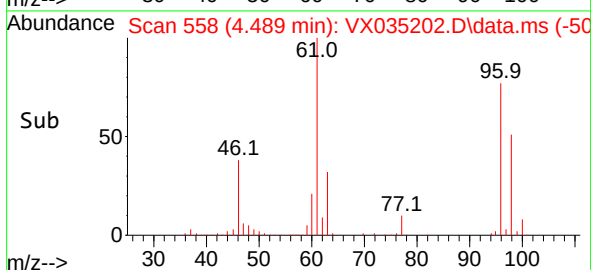
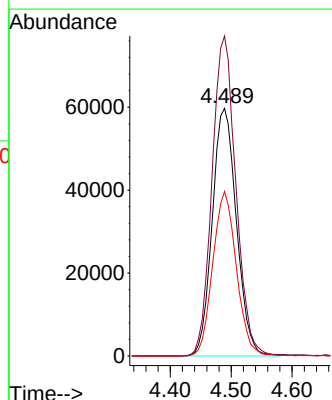
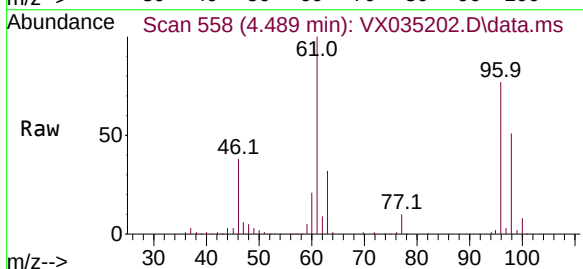
Tgt Ion: 96 Resp: 164619

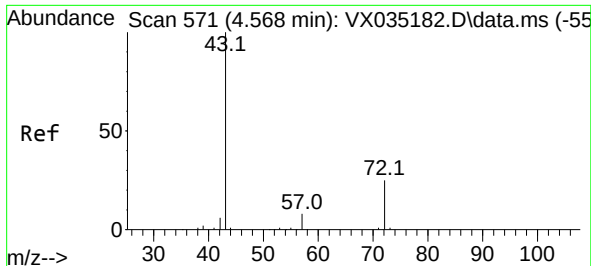
Ion Ratio Lower Upper

96 100

61 129.2 87.8 163.2

98 66.4 46.3 86.1

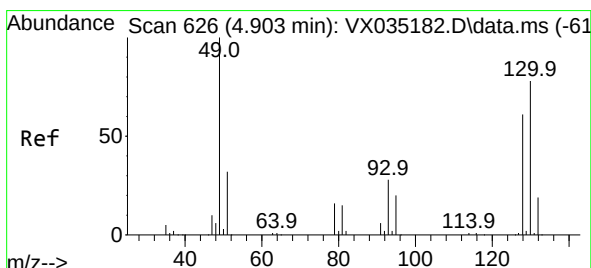
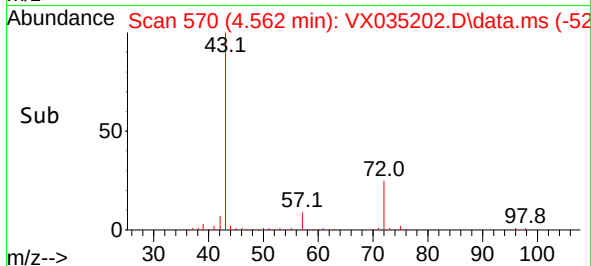
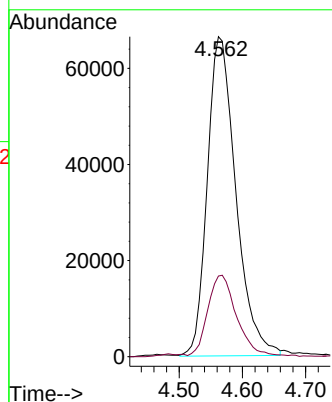
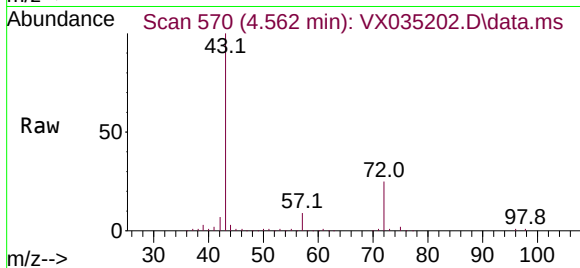




#22
2-Butanone
Concen: 95.405 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

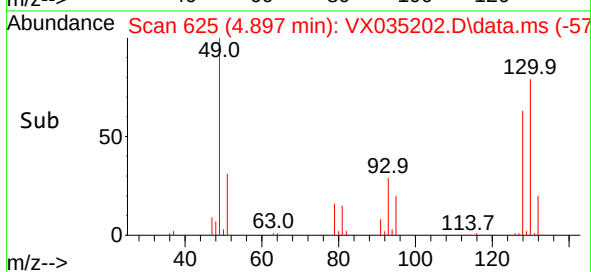
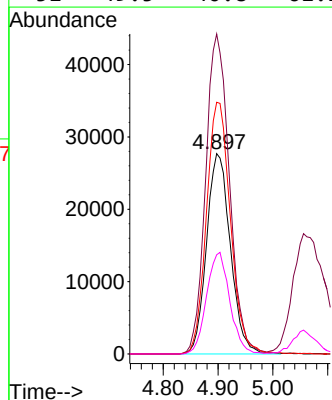
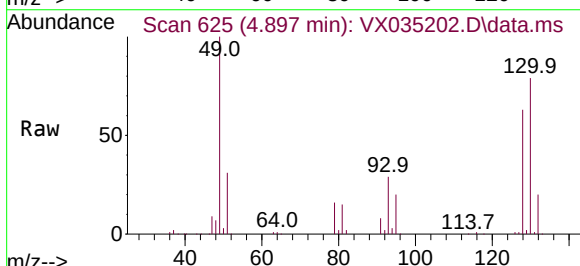
Instrument :
MSVOA_X
ClientSampleId :

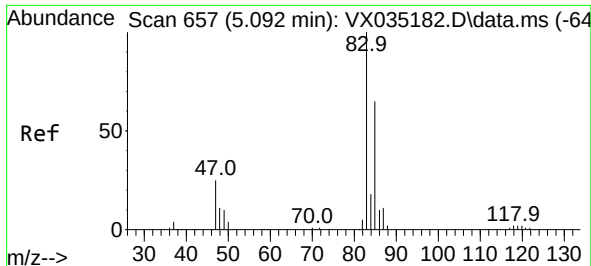
Tgt Ion: 43 Resp: 208620
Ion Ratio Lower Upper
43 100
72 26.0 12.4 37.2



#23
Bromochloromethane
Concen: 52.471 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion: 128 Resp: 83557
Ion Ratio Lower Upper
128 100
49 159.8 115.9 215.3
130 125.7 88.9 165.1
51 49.5 40.8 61.2

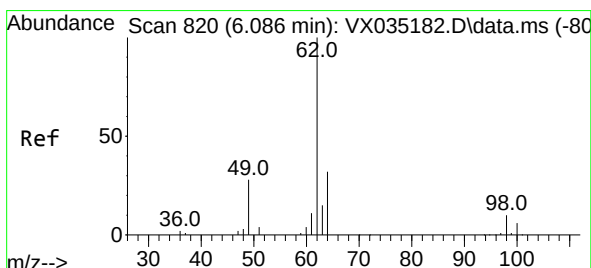
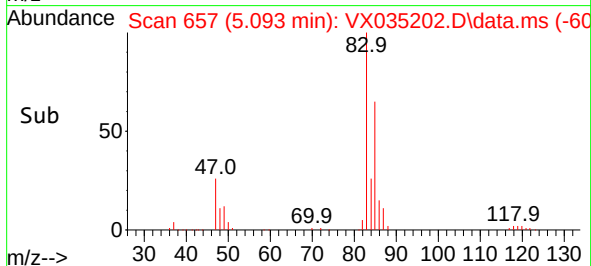
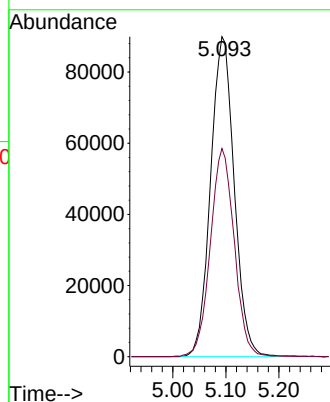
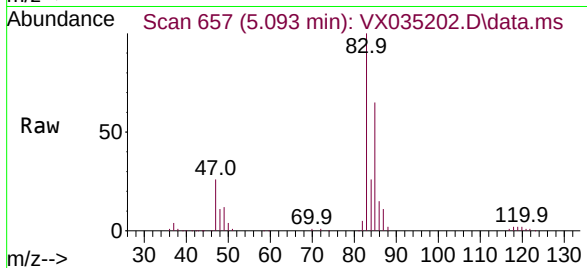




#25
Chloroform
Concen: 51.772 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

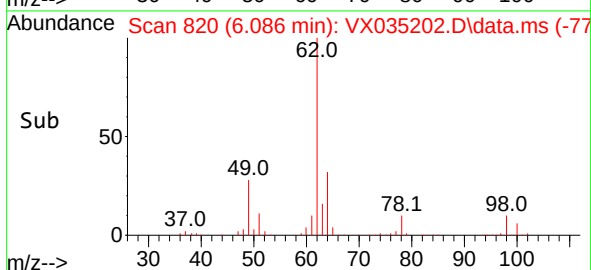
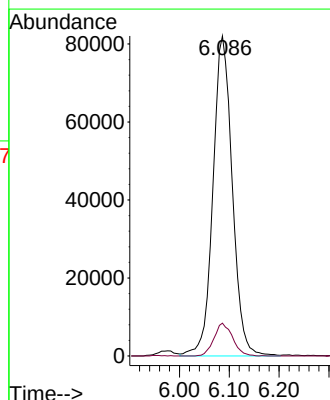
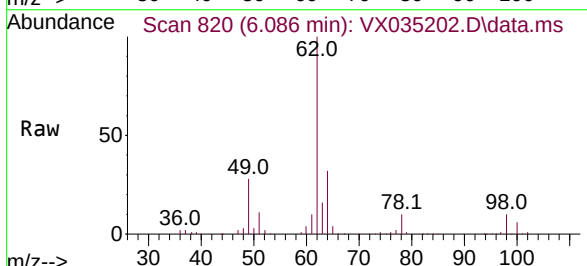
Instrument :
MSVOA_X
ClientSampleId :

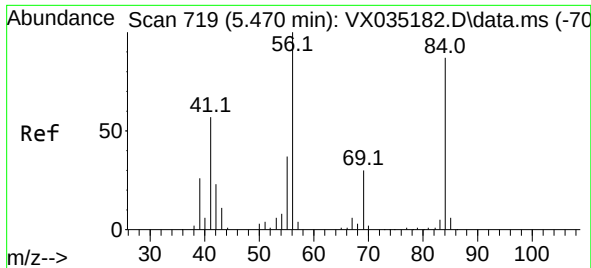
Tgt Ion: 83 Resp: 278263
Ion Ratio Lower Upper
83 100
85 65.0 46.0 85.4



#27
1,2-Dichloroethane
Concen: 51.414 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

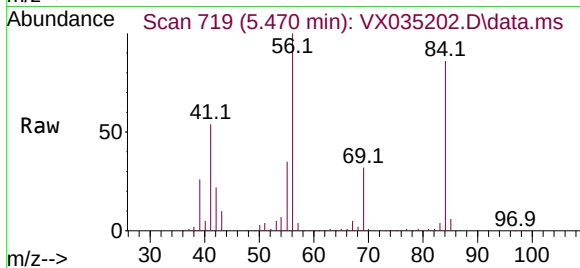
Tgt Ion: 62 Resp: 221333
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8



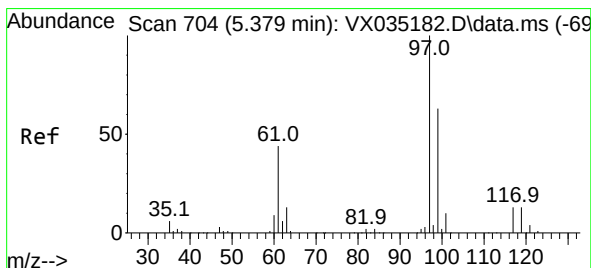
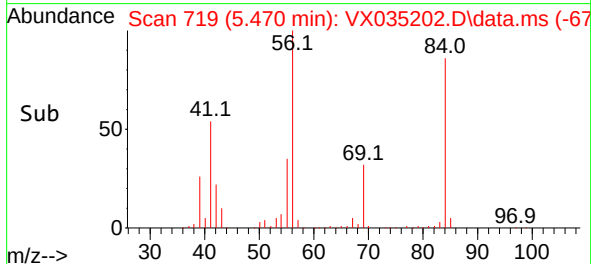
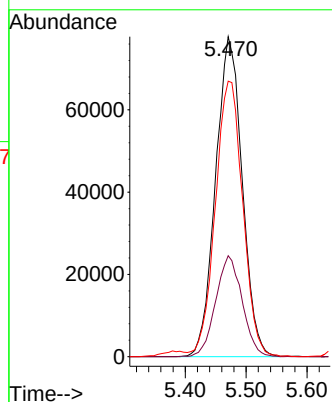


#29
Cyclohexane
Concen: 50.797 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Instrument :
MSVOA_X
ClientSampleId :

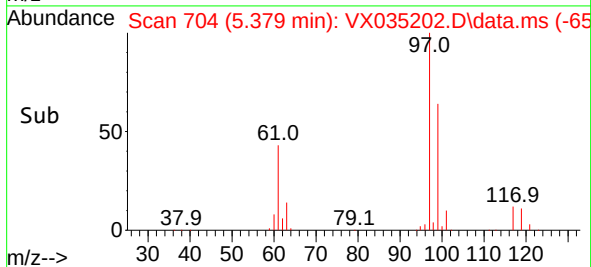
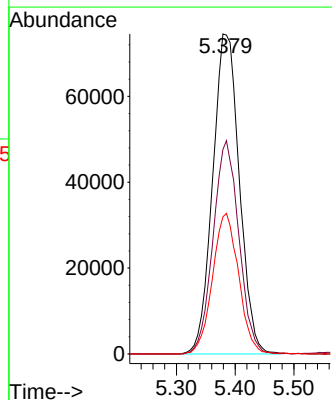
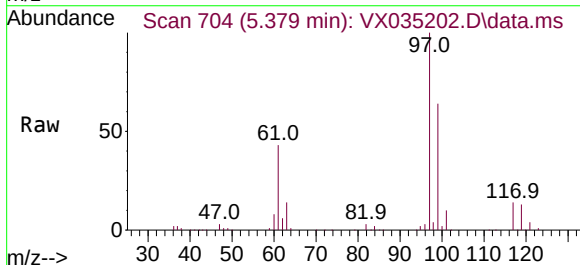


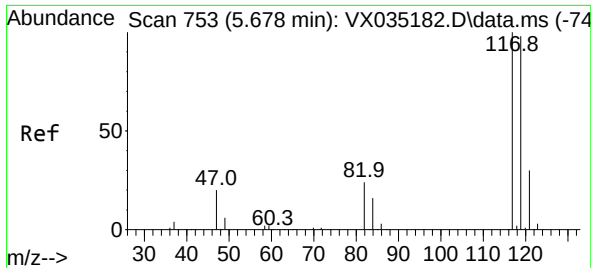
Tgt Ion: 56 Resp: 236194
Ion Ratio Lower Upper
56 100
69 31.2 25.1 37.7
84 88.4 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 52.141 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion: 97 Resp: 235336
Ion Ratio Lower Upper
97 100
99 64.4 50.6 75.8
61 42.9 34.9 52.3

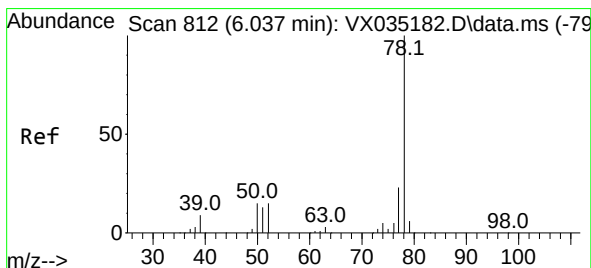
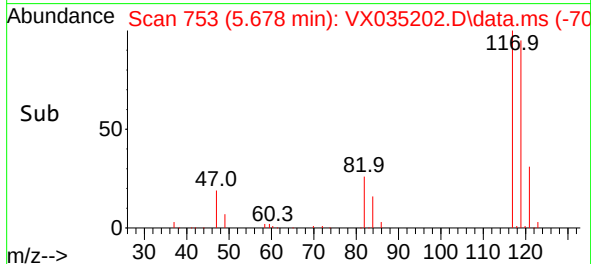
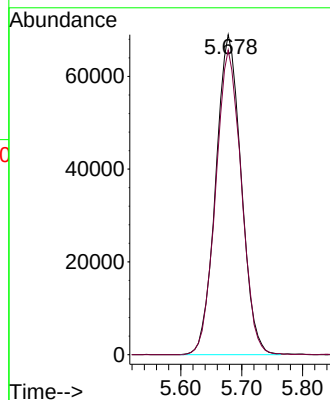
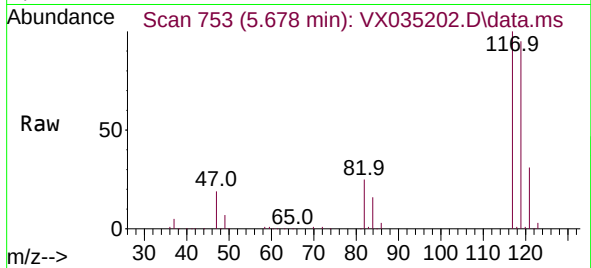




#31
Carbon tetrachloride
Concen: 52.285 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

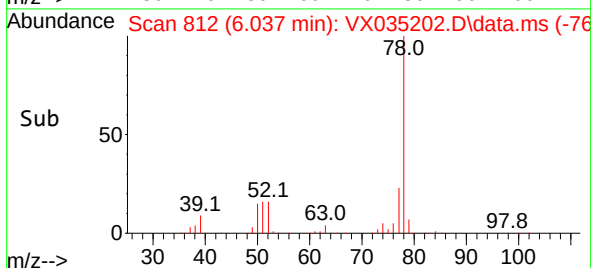
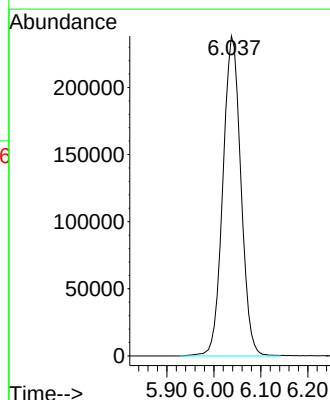
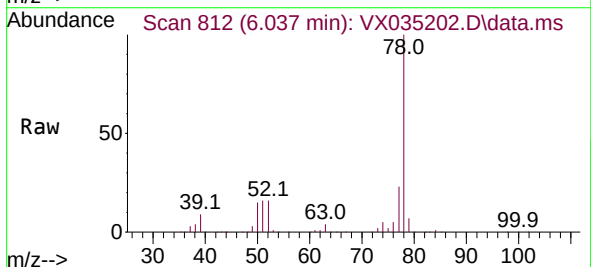
Instrument :
MSVOA_X
ClientSampleId :

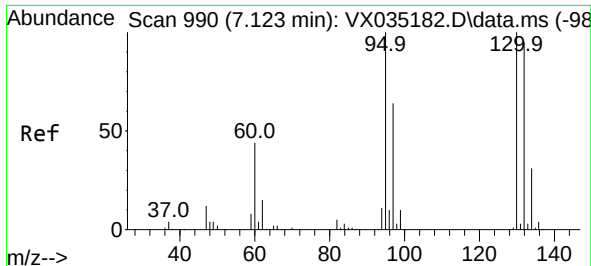
Tgt Ion:117 Resp: 200106
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 54.620 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

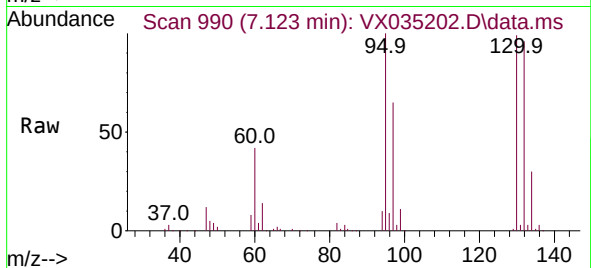
Tgt Ion: 78 Resp: 636542





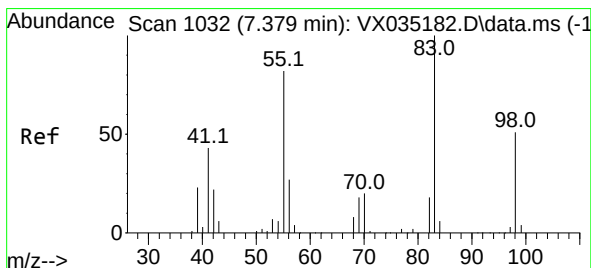
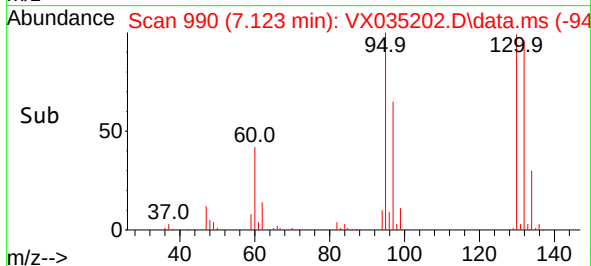
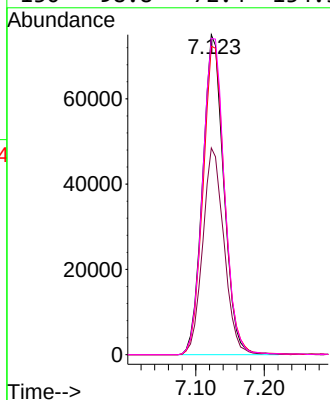
#34
Trichloroethene
Concen: 52.063 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 161402

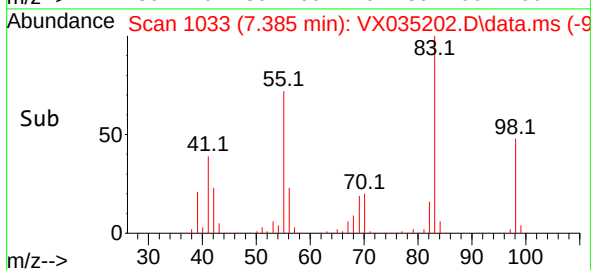
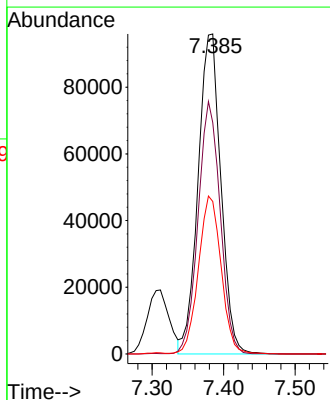
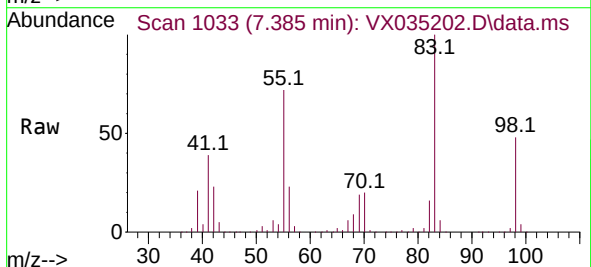
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.8
132	96.4	69.7	129.4
130	98.8	72.4	134.5

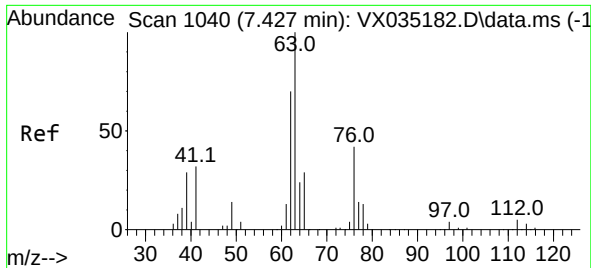


#35
Methylcyclohexane
Concen: 50.900 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion: 83 Resp: 212507

Ion	Ratio	Lower	Upper
83	100		
55	76.4	62.2	93.2
98	49.3	39.3	58.9

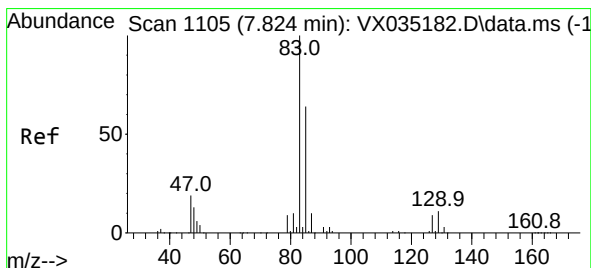
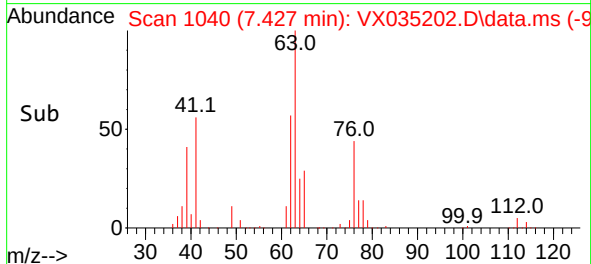
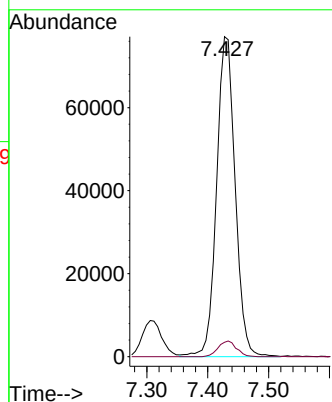
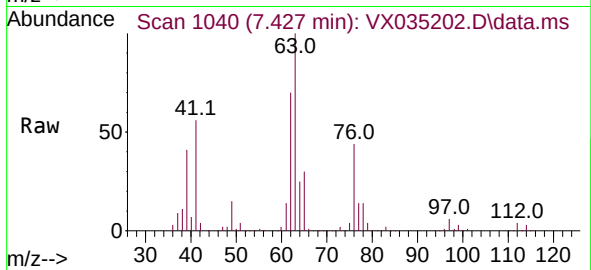




#37
1,2-Dichloropropane
Concen: 53.149 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

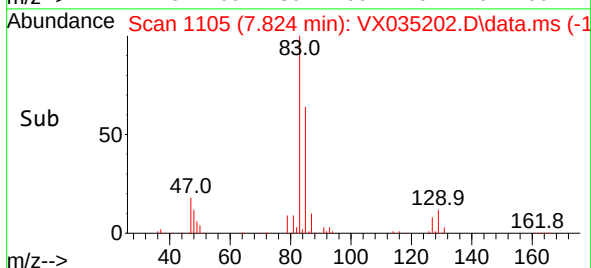
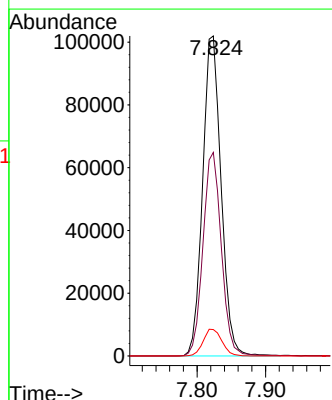
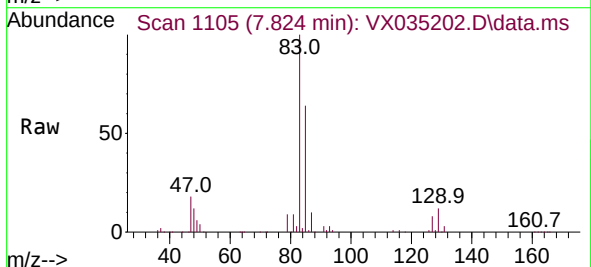
Instrument :
MSVOA_X
ClientSampleId :

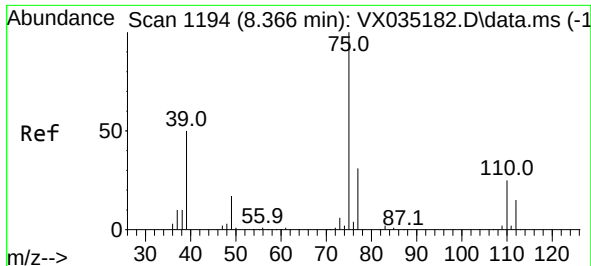
Tgt Ion: 63 Resp: 163077
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 52.813 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion: 83 Resp: 191462
Ion Ratio Lower Upper
83 100
85 63.6 44.7 82.9
127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.367 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

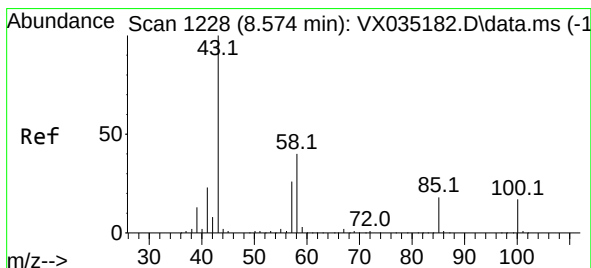
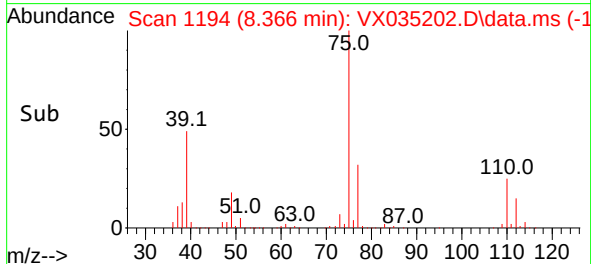
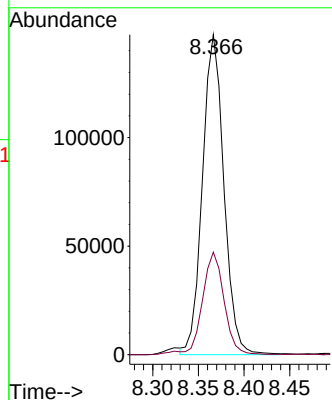
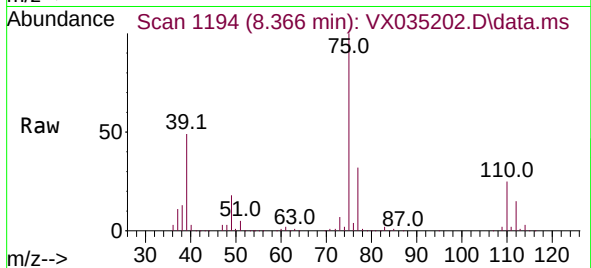
ClientSampleId :

Tgt Ion: 75 Resp: 240249

Ion Ratio Lower Upper

75 100

77 32.1 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 102.473 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

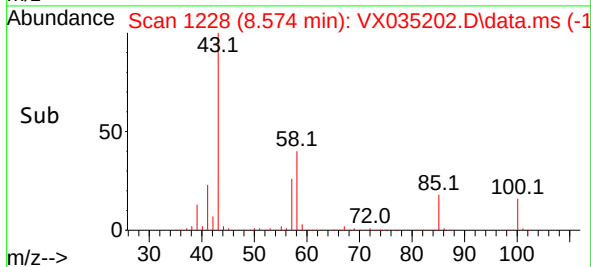
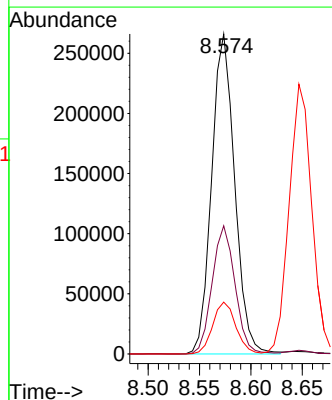
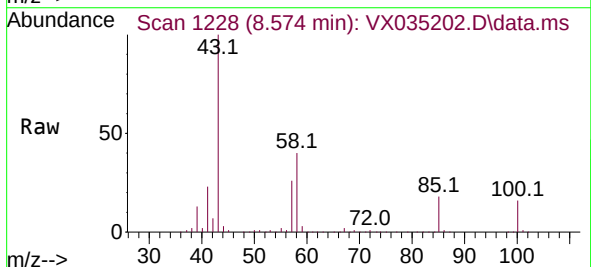
Tgt Ion: 43 Resp: 414474

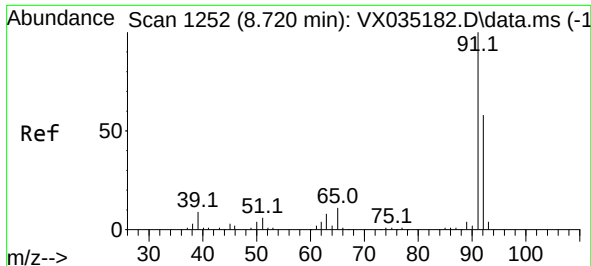
Ion Ratio Lower Upper

43 100

58 39.7 31.5 47.3

100 16.3 12.8 19.2





#42

Toluene

Concen: 52.767 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

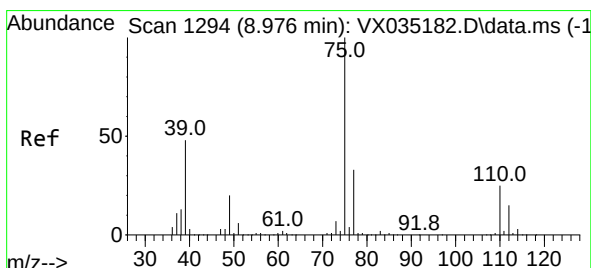
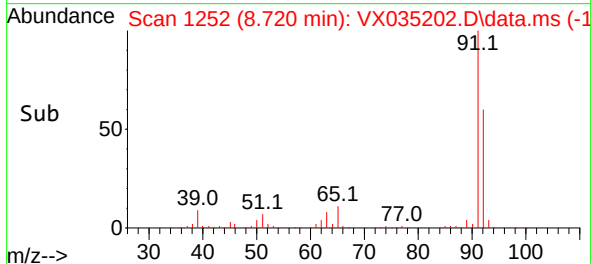
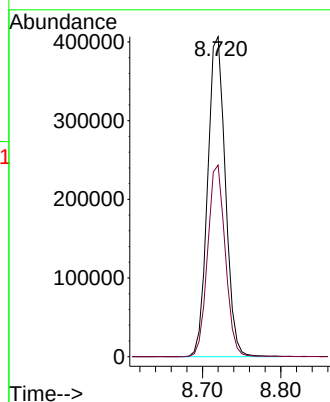
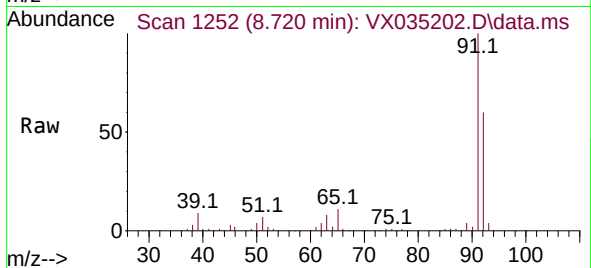
ClientSampleId :

Tgt Ion: 91 Resp: 638020

Ion Ratio Lower Upper

91 100

92 59.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 52.686 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035202.D

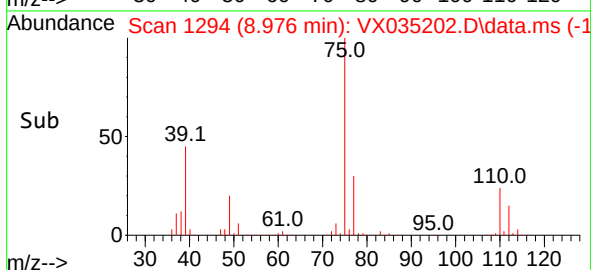
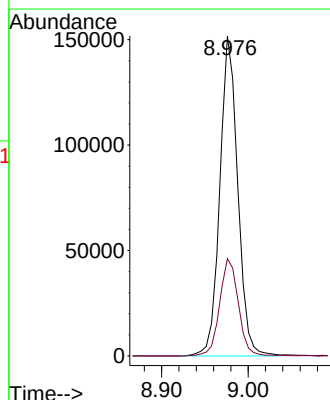
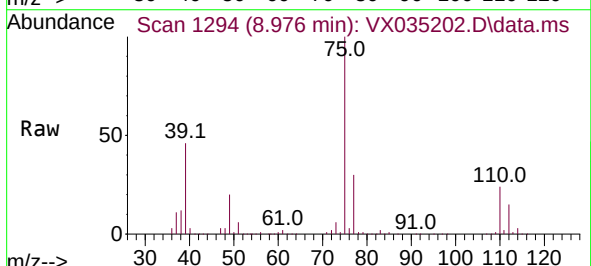
Acq: 20 Apr 2023 04:12

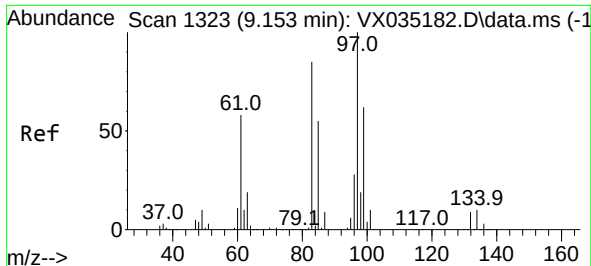
Tgt Ion: 75 Resp: 217795

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.866 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 153923

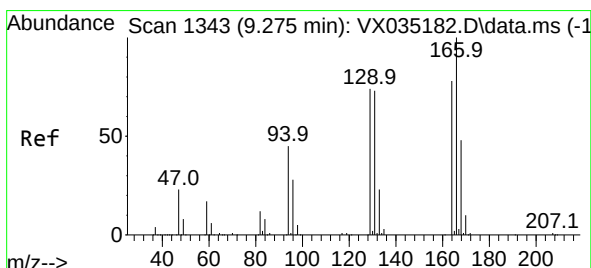
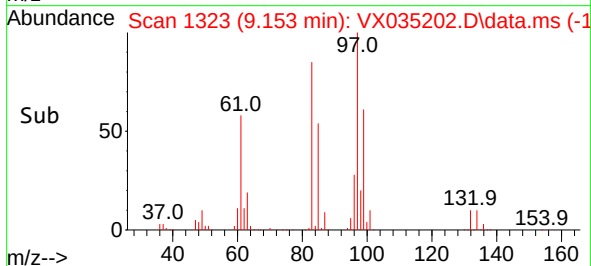
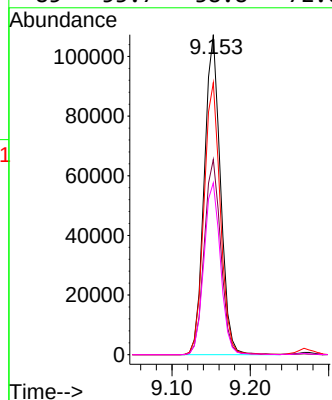
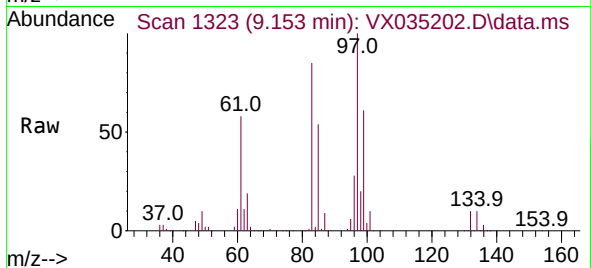
Ion Ratio Lower Upper

97 100

99 61.0 43.8 81.4

83 85.0 59.8 111.0

85 53.7 38.8 72.0



#46

Tetrachloroethene

Concen: 51.693 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Tgt Ion:164 Resp: 119373

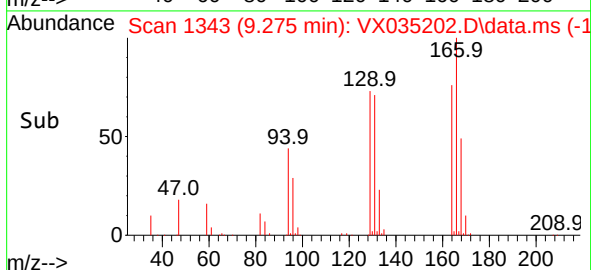
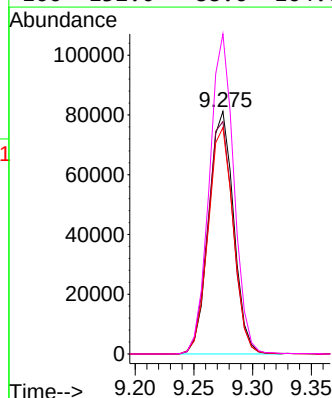
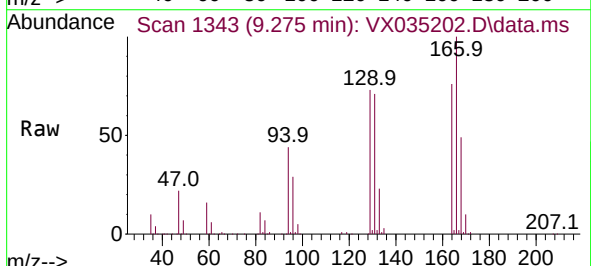
Ion Ratio Lower Upper

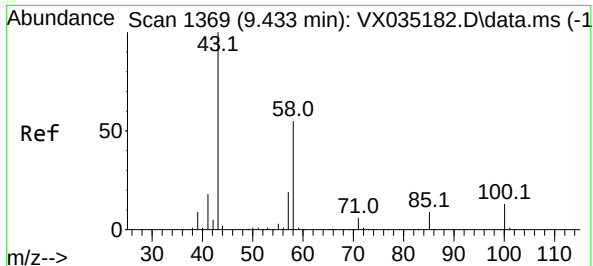
164 100

129 95.8 66.1 122.8

131 93.4 65.0 120.8

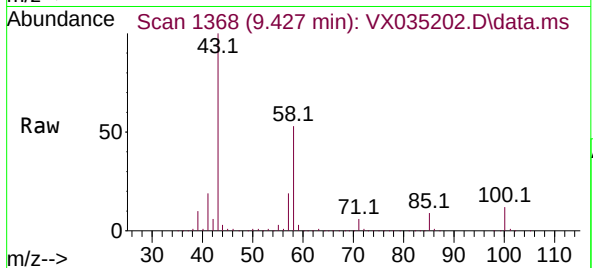
166 132.0 88.6 164.6



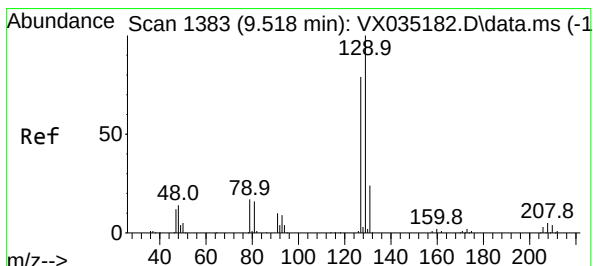
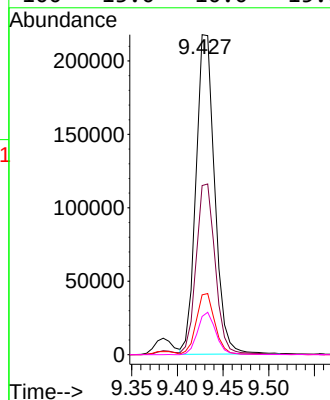
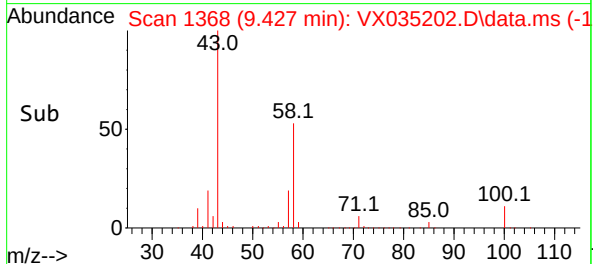


#48
2-Hexanone
Concen: 101.172 ug/L
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Instrument :
MSVOA_X
ClientSampleId :

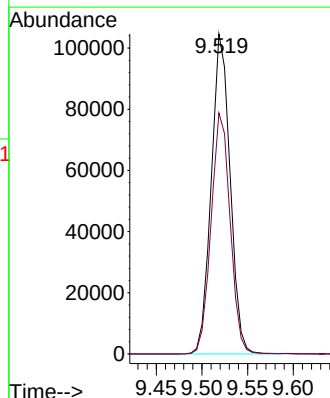
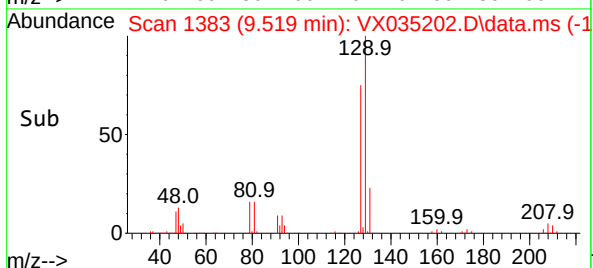
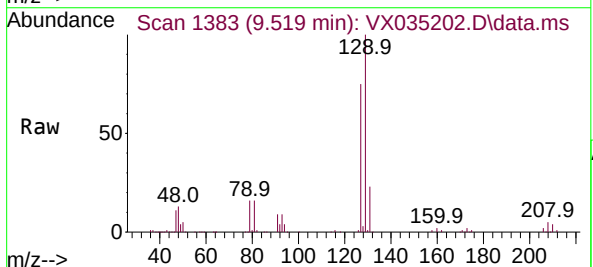


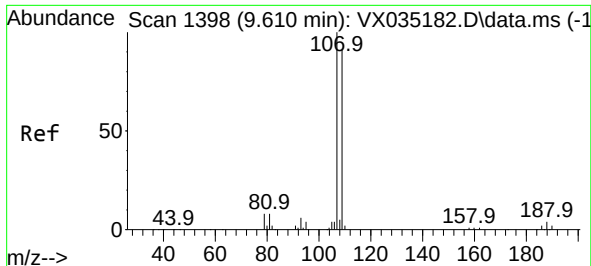
Tgt Ion:	43	Resp:	310693
Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.2	64.8
57	19.3	15.4	23.0
100	13.0	10.0	15.0



#49
Dibromochloromethane
Concen: 54.009 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion:	129	Resp:	149443
Ion	Ratio	Lower	Upper
129	100		
127	75.3	54.8	101.8

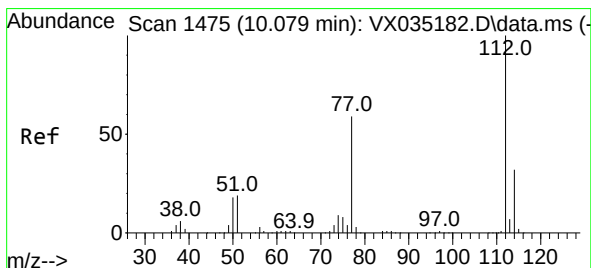
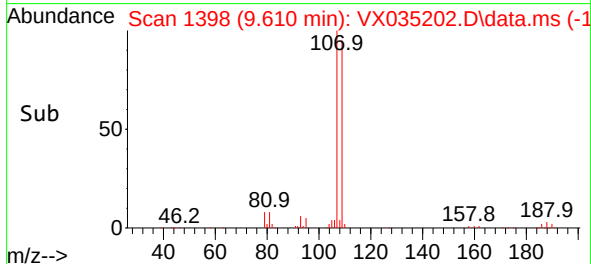
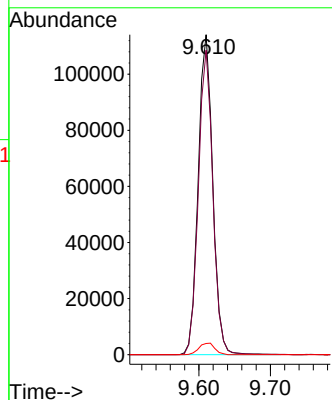
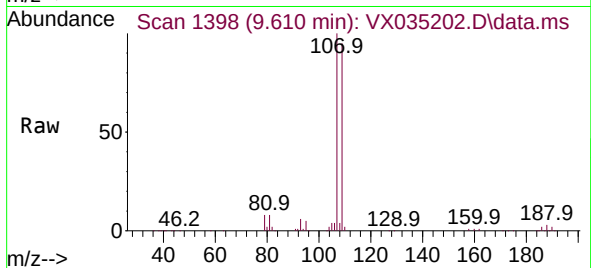




#50
1,2-Dibromoethane
Concen: 53.299 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

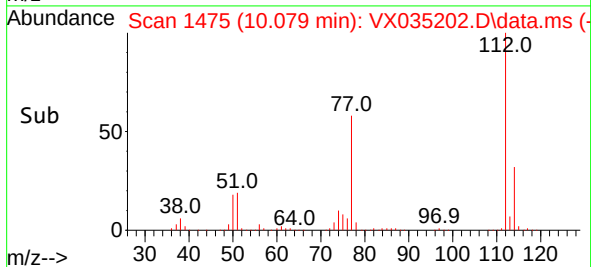
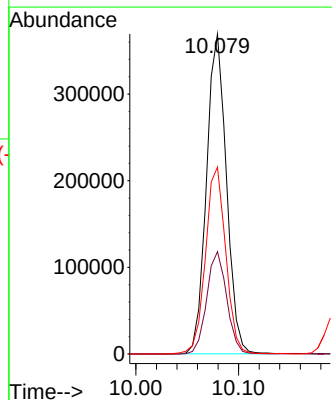
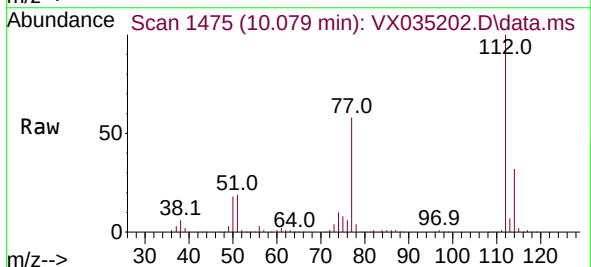
Instrument :
MSVOA_X
ClientSampleId :

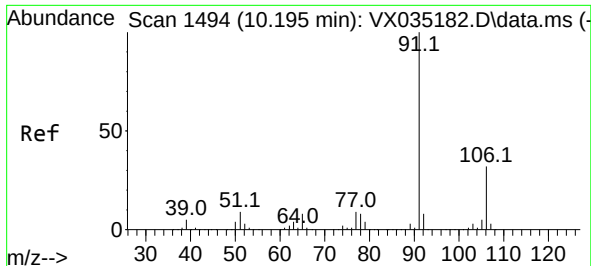
Tgt Ion:107 Resp: 161473
Ion Ratio Lower Upper
107 100
109 95.2 65.6 121.8
188 3.5 3.3 4.9



#51
Chlorobenzene
Concen: 62.586 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

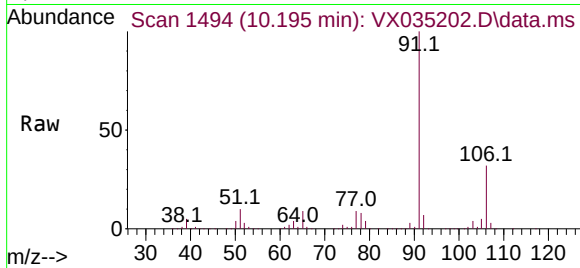
Tgt Ion:112 Resp: 498549
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 58.4 47.0 70.6



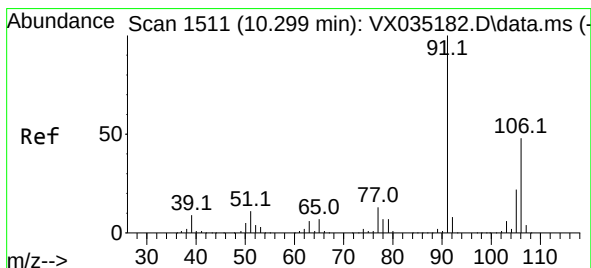
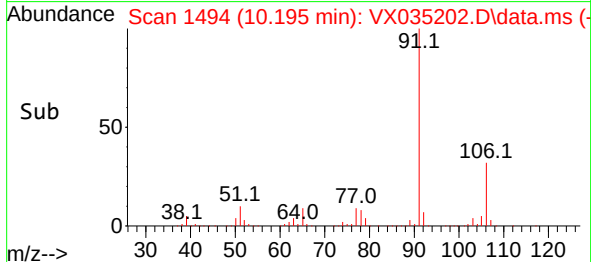
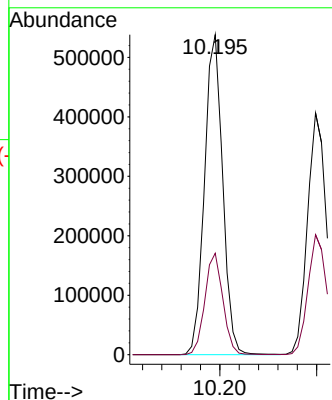


#52
Ethylbenzene
Concen: 52.646 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Instrument :
MSVOA_X
ClientSampleId :

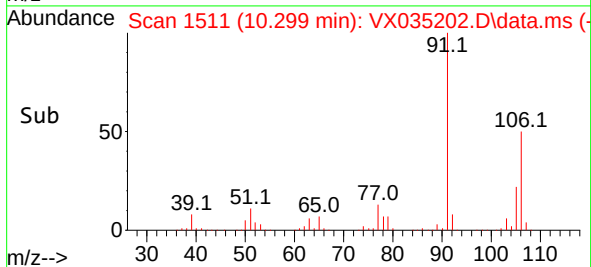
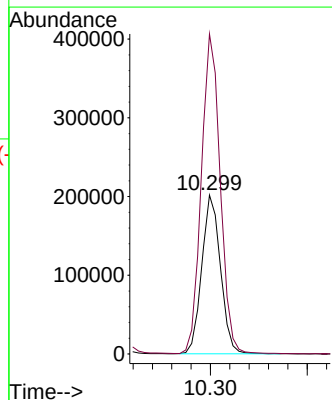
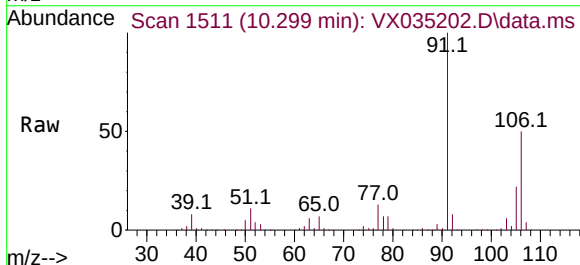


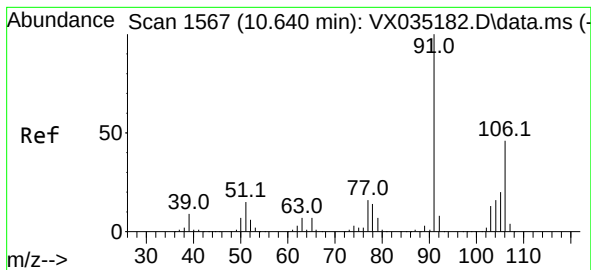
Tgt Ion: 91 Resp: 703673
Ion Ratio Lower Upper
91 100
106 31.7 22.6 42.0



#53
m,p-Xylene
Concen: 52.937 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion: 106 Resp: 270945
Ion Ratio Lower Upper
106 100
91 201.4 142.7 264.9





#54

o-Xylene

Concen: 52.903 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

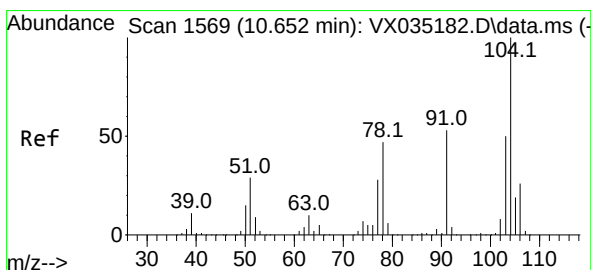
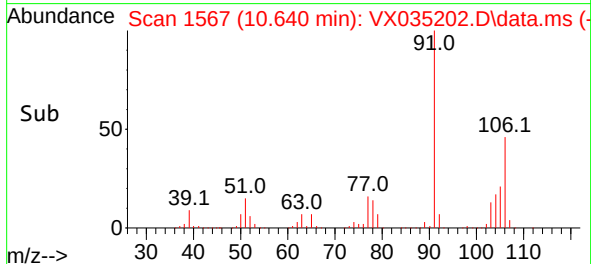
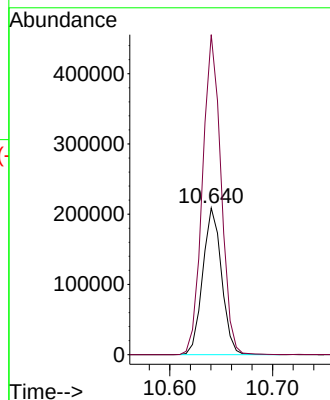
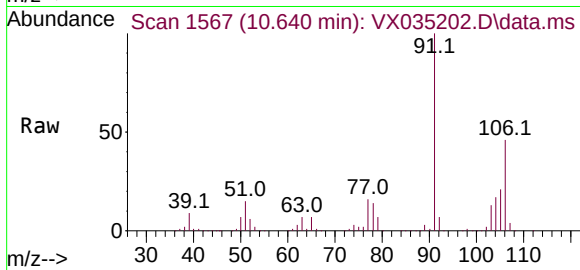
ClientSampleId :

Tgt Ion:106 Resp: 266211

Ion Ratio Lower Upper

106 100

91 218.0 153.9 285.7



#55

Styrene

Concen: 53.517 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035202.D

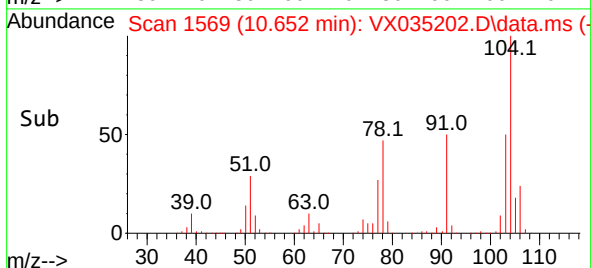
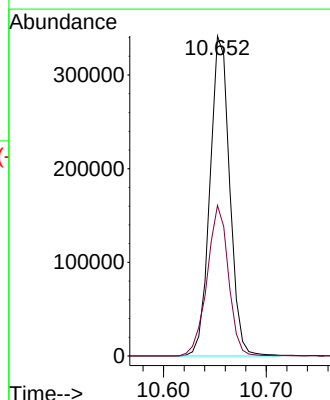
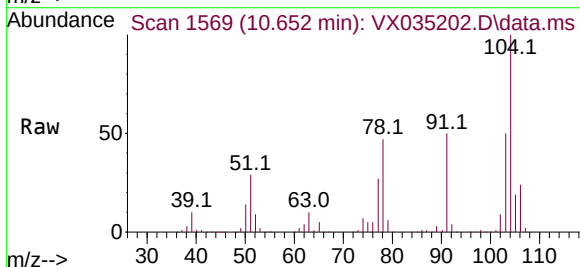
Acq: 20 Apr 2023 04:12

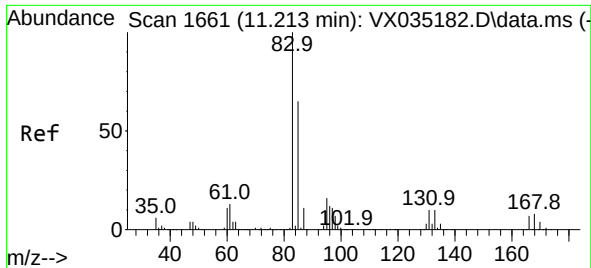
Tgt Ion:104 Resp: 456275

Ion Ratio Lower Upper

104 100

78 47.0 33.5 62.3

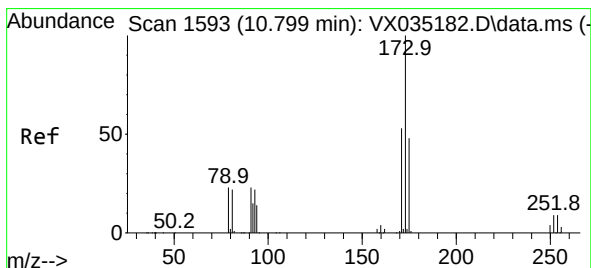
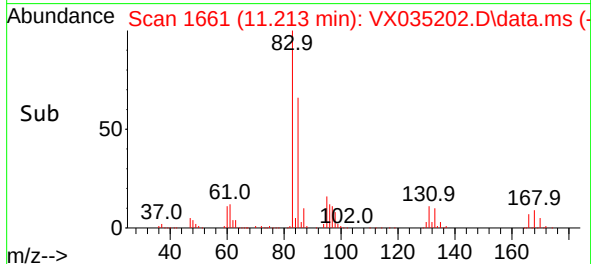
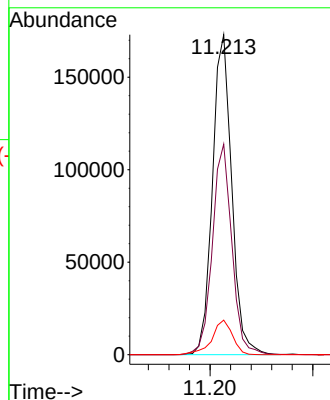
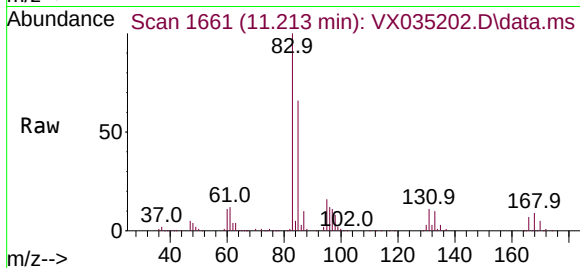




#57
1,1,2,2-Tetrachloroethane
Concen: 52.320 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

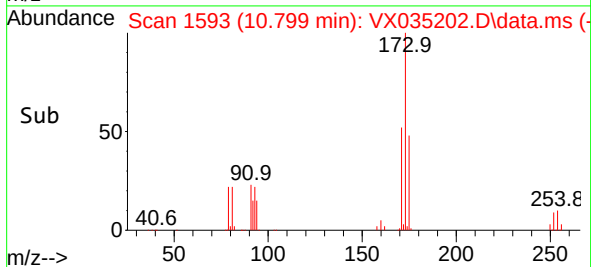
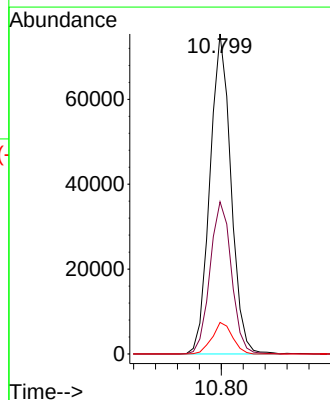
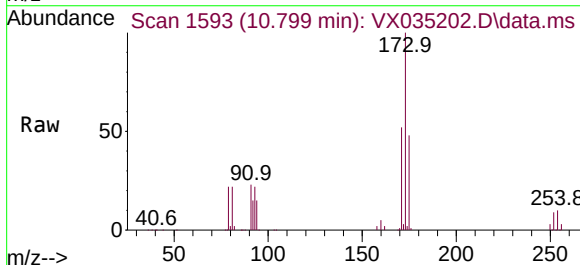
Instrument :
MSVOA_X
ClientSampleId :

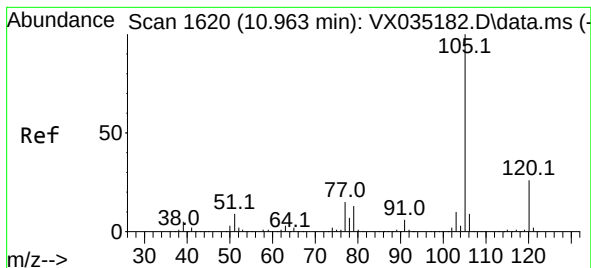
Tgt Ion: 83 Resp: 224501
Ion Ratio Lower Upper
83 100
85 65.8 46.0 85.4
131 10.8 8.3 12.5



#59
Bromoform
Concen: 52.348 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035202.D
Acq: 20 Apr 2023 04:12

Tgt Ion:173 Resp: 100312
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.4
254 9.5 7.4 11.0





#60

Isopropylbenzene

Concen: 52.641 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

ClientSampleId :

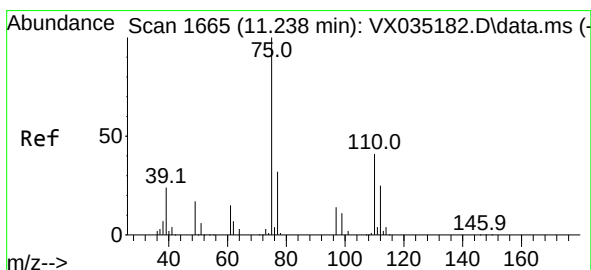
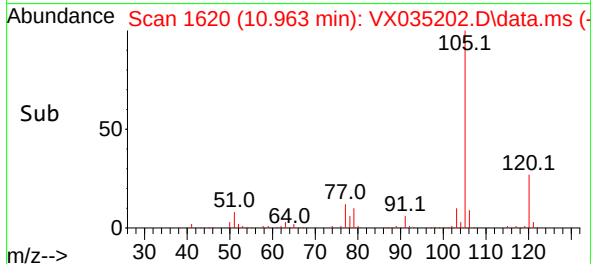
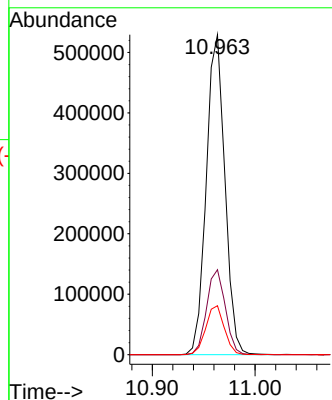
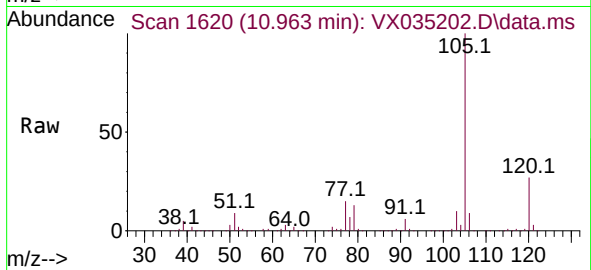
Tgt Ion:105 Resp: 666327

Ion Ratio Lower Upper

105 100

120 26.7 21.5 32.3

77 15.3 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 51.759 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

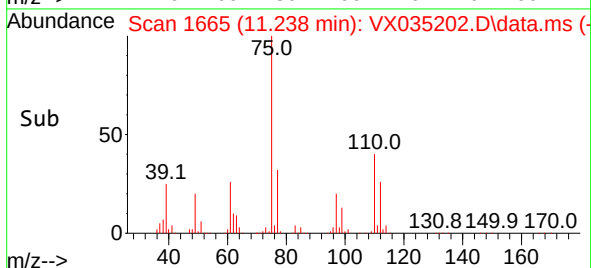
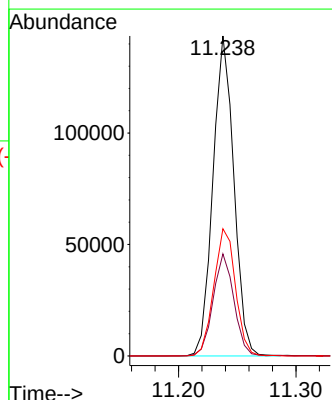
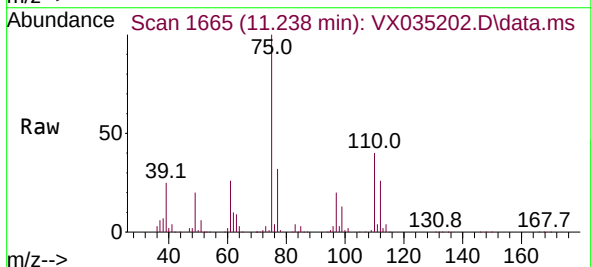
Tgt Ion: 75 Resp: 177889

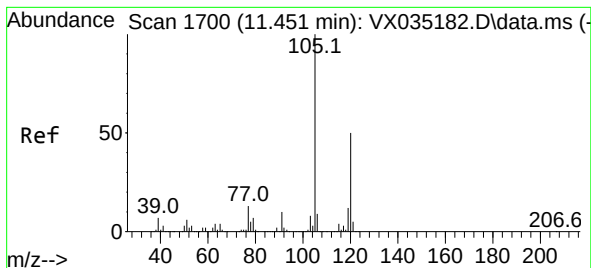
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

110 41.1 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 52.632 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

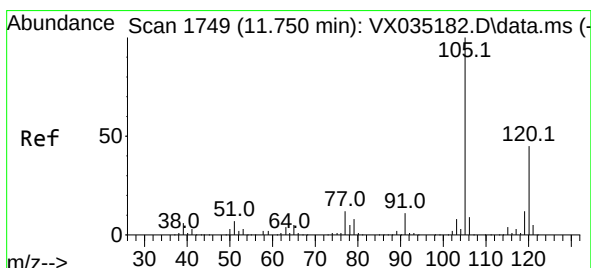
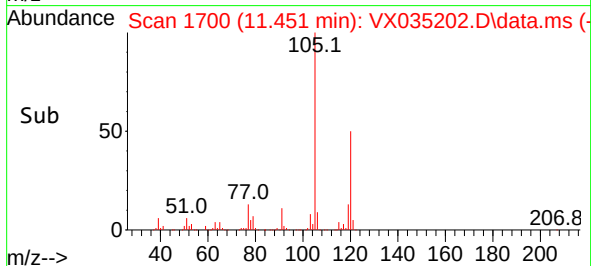
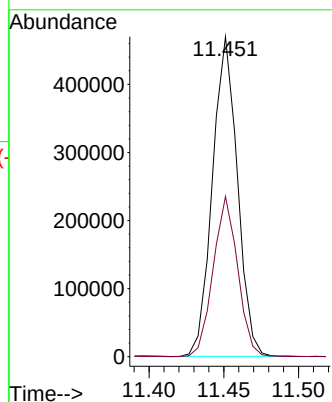
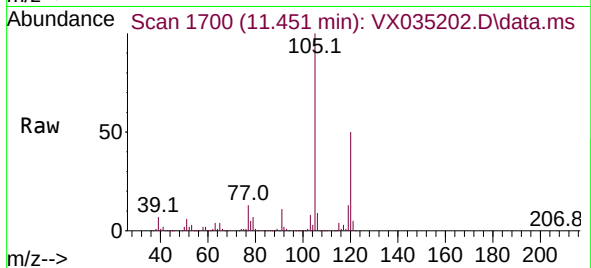
ClientSampleId :

Tgt Ion:105 Resp: 544821

Ion Ratio Lower Upper

105 100

120 49.2 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 52.780 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035202.D

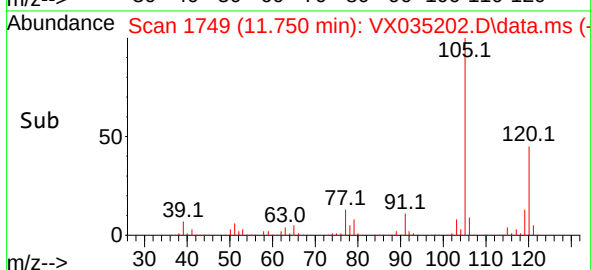
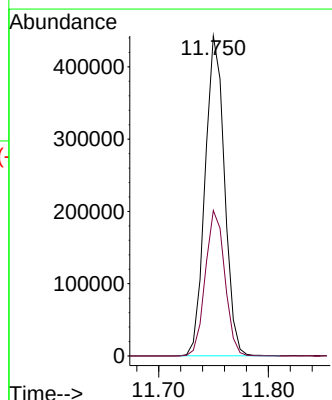
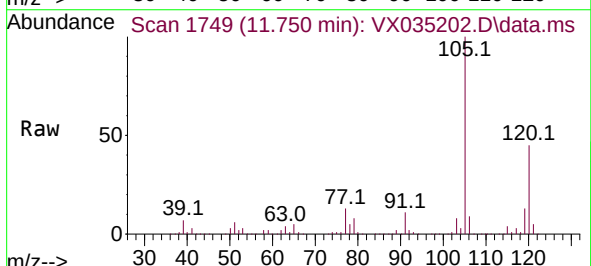
Acq: 20 Apr 2023 04:12

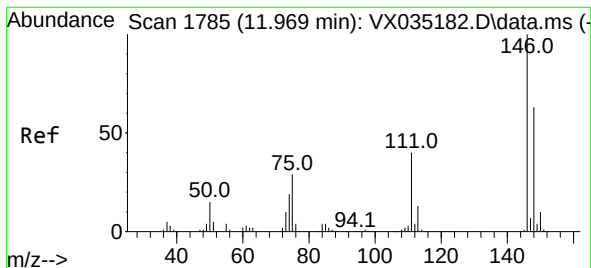
Tgt Ion:105 Resp: 543265

Ion Ratio Lower Upper

105 100

120 45.6 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 54.286 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

ClientSampleId :

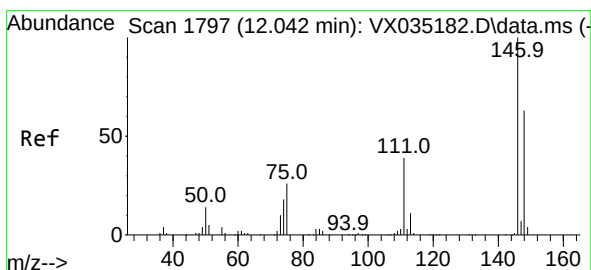
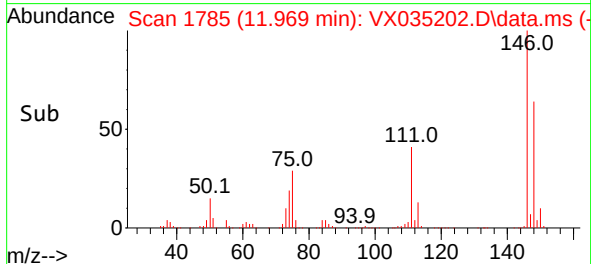
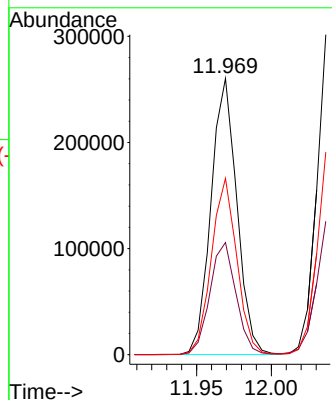
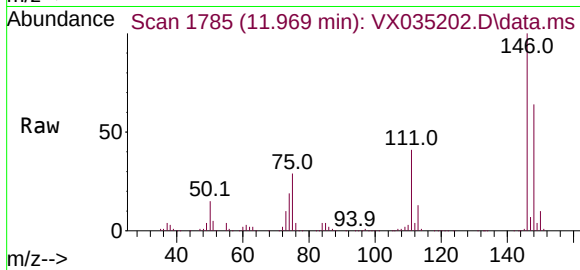
Tgt Ion:146 Resp: 313392

Ion Ratio Lower Upper

146 100

111 40.6 28.9 53.7

148 63.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 69.529 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

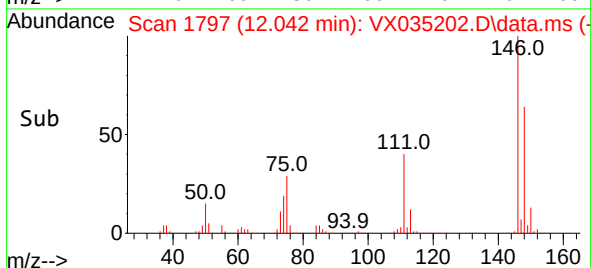
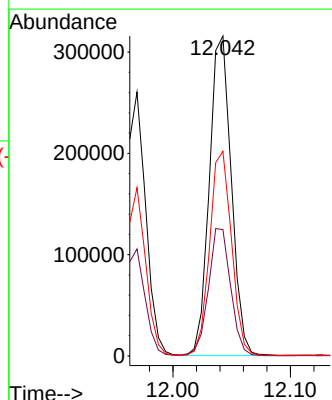
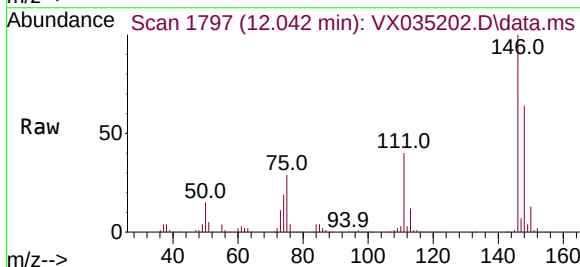
Tgt Ion:146 Resp: 410728

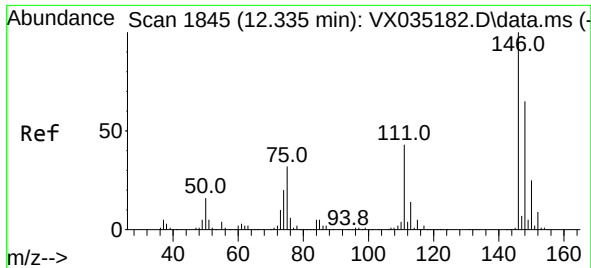
Ion Ratio Lower Upper

146 100

111 39.5 27.9 51.7

148 64.0 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 65.568 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

ClientSampleId :

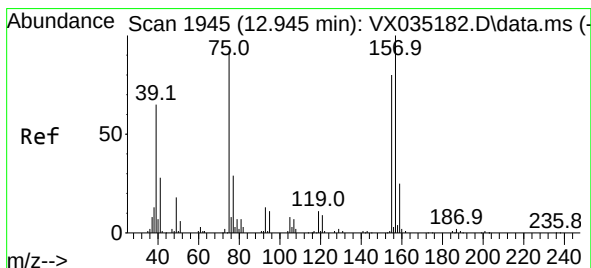
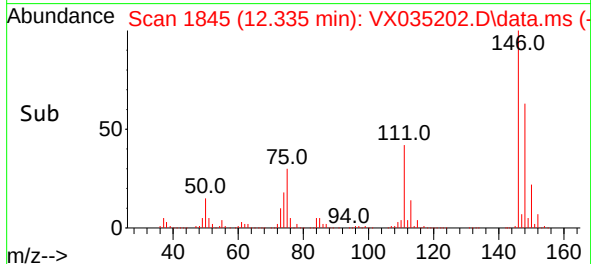
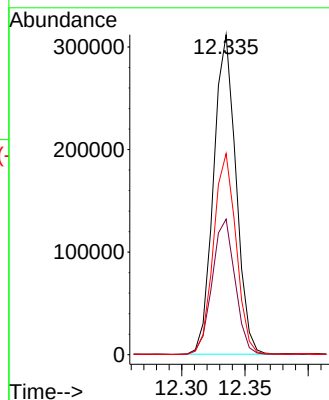
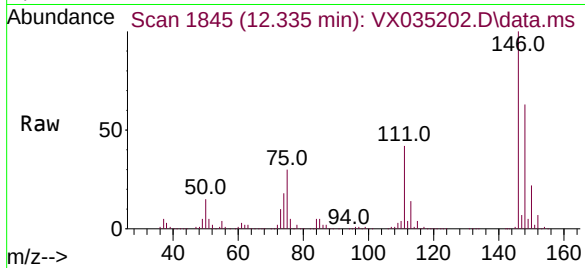
Tgt Ion:146 Resp: 383806

Ion Ratio Lower Upper

146 100

111 42.4 34.7 52.1

148 62.8 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 51.489 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

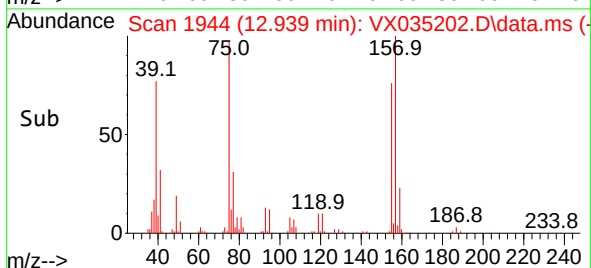
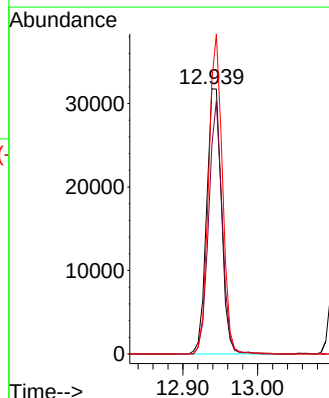
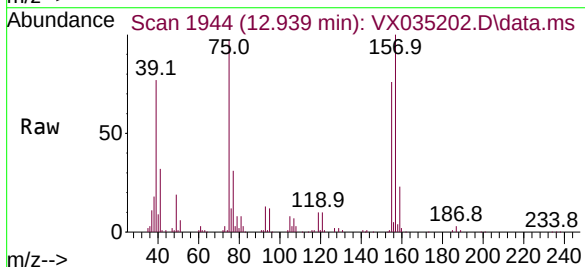
Tgt Ion: 75 Resp: 43666

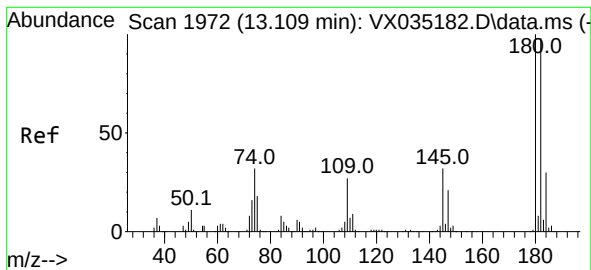
Ion Ratio Lower Upper

75 100

155 78.7 69.9 104.9

157 103.2 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 51.362 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

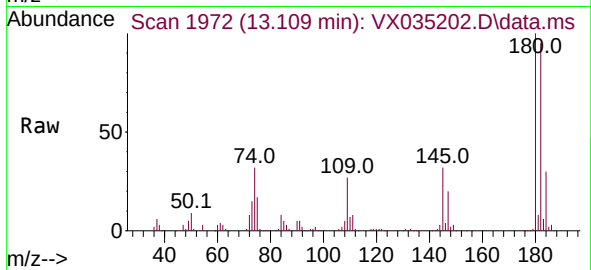
Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 183309

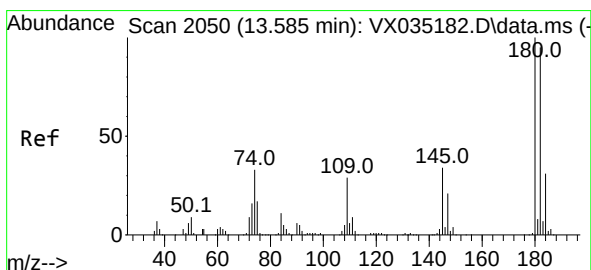
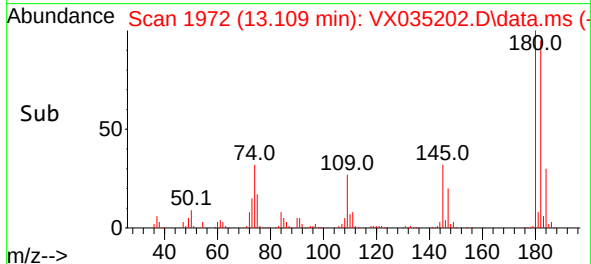
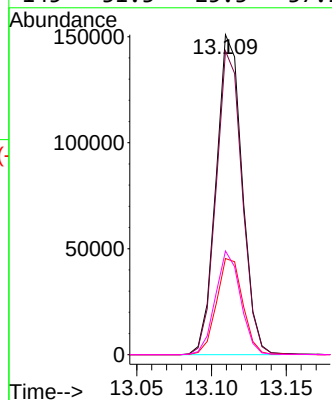
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.0

184 30.3 23.8 35.8

145 31.3 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 74.772 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

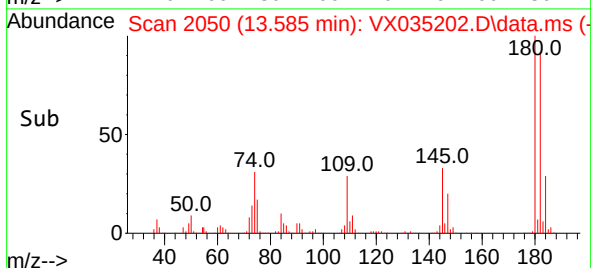
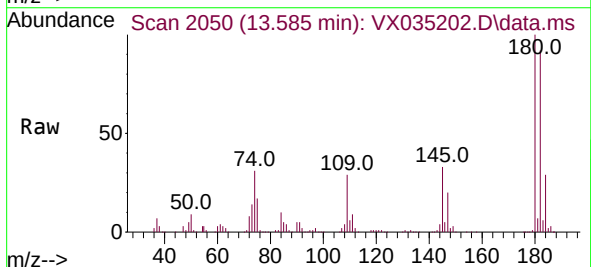
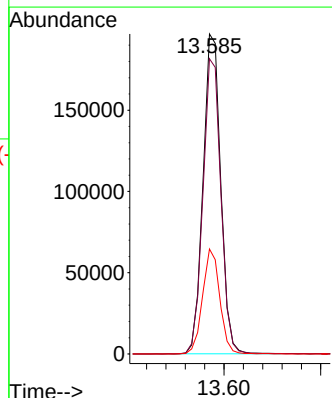
Tgt Ion:180 Resp: 249876

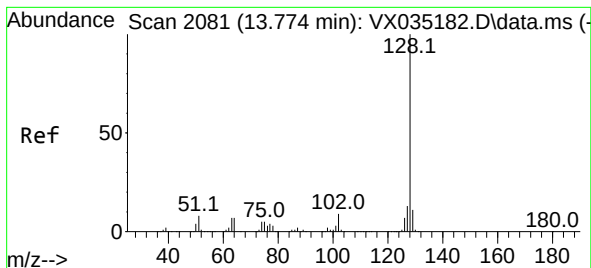
Ion Ratio Lower Upper

180 100

182 93.3 76.6 114.8

145 31.9 26.2 39.4





#71

Naphthalene

Concen: 53.251 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Instrument :

MSVOA_X

ClientSampleId :

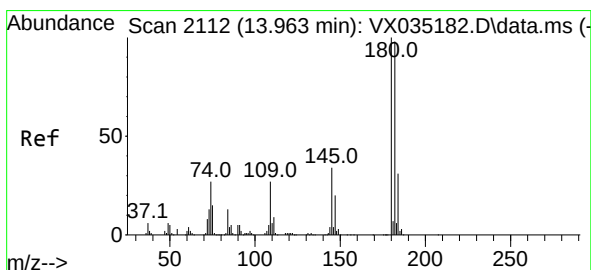
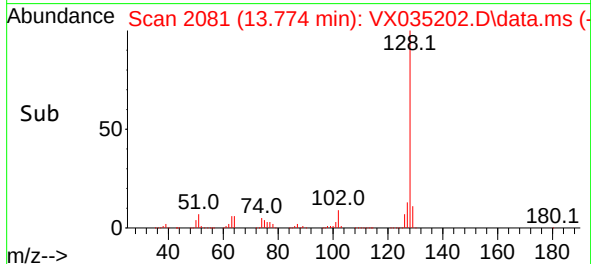
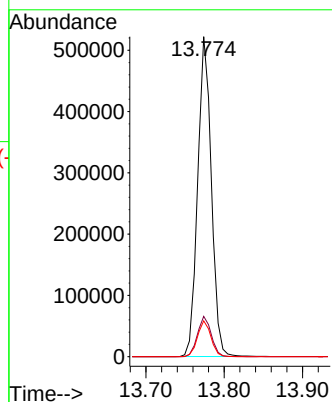
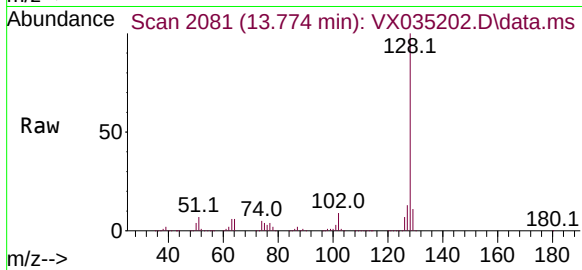
Tgt Ion:128 Resp: 633889

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 57.937 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035202.D

Acq: 20 Apr 2023 04:12

Tgt Ion:180 Resp: 191138

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 33.8 27.1 40.7

