

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041127.D
 Acq On : 17 Apr 2024 15:21
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 02:03:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:57:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	320565	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	293749	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	162925	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	111508	48.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.220%
7) Chloroethane-d5	1.648	69	54799	48.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.020%
11) 1,1-Dichloroethene-d2	2.294	65	47943	48.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.580%
21) 2-Butanone-d5	4.477	46	149610	114.254	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.250%
24) Chloroform-d	5.062	84	212598	50.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.700%
26) 1,2-Dichloroethane-d4	5.958	65	131560	49.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
32) Benzene-d6	5.977	84	428145	50.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	7.312	67	122946	50.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	8.647	98	399973	50.391	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.780%
43) trans-1,3-Dichloroprop...	8.952	79	58359	53.264	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.520%
47) 2-Hexanone-d5	9.391	63	104407	104.998	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.000%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	184362	51.594	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.180%
66) 1,2-Dichlorobenzene-d4	12.323	152	179936	51.355	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.720%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	100706	50.207	ug/L	100
3) Chloromethane	1.301	50	96301	50.154	ug/L	98
5) Vinyl chloride	1.374	62	103027	49.800	ug/L	100
6) Bromomethane	1.599	94	53339	49.202	ug/L	98
8) Chloroethane	1.666	64	35376	43.616	ug/L	95
9) Trichlorofluoromethane	1.861	101	156293	50.382	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	107428	51.126	ug/L	99
12) 1,1-Dichloroethene	2.307	96	92123	51.317	ug/L	88
13) Acetone	2.398	43	116344	110.771	ug/L	99
14) Carbon disulfide	2.502	76	189111	51.889	ug/L	99
15) Methyl Acetate	2.715	43	113815	51.013	ug/L	100
16) Methylene chloride	2.788	84	100490	49.888	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	92004	50.719	ug/L	96
18) Methyl tert-butyl Ether	3.130	73	319301	51.130	ug/L	100
19) 1,1-Dichloroethane	3.611	63	175219	50.692	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	110999	51.329	ug/L	97
22) 2-Butanone	4.581	43	169925	107.984	ug/L	98
23) Bromochloromethane	4.910	128	55855	49.609	ug/L	99
25) Chloroform	5.099	83	187873	50.593	ug/L	99

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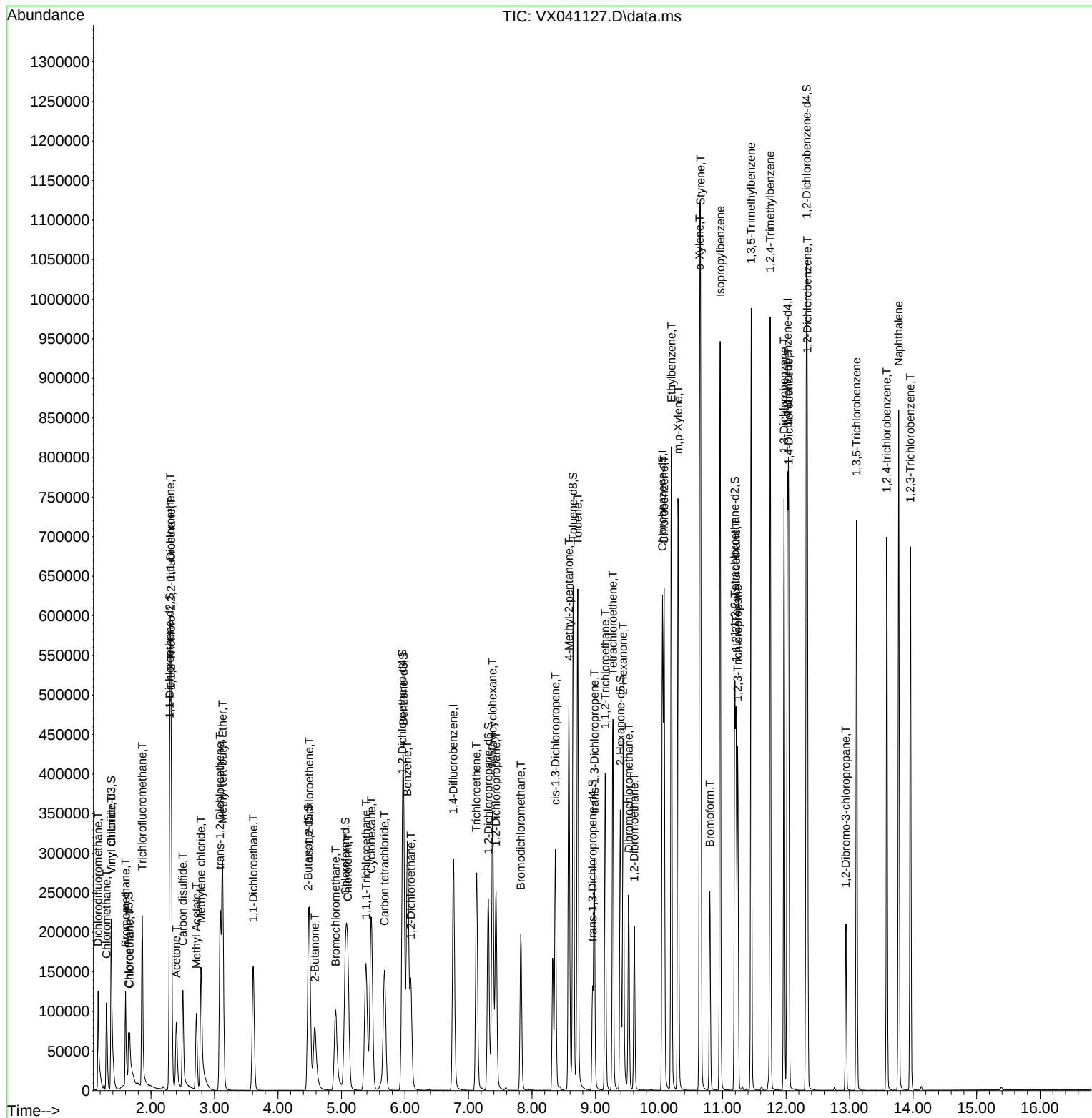
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	147271	50.255	ug/L	99
29) Cyclohexane	5.471	56	153295	51.875	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	164009	51.463	ug/L	99
31) Carbon tetrachloride	5.678	117	142991	52.191	ug/L	99
33) Benzene	6.038	78	391284	51.070	ug/L	100
34) Trichloroethene	7.123	95	104808	50.534	ug/L	97
35) Methylcyclohexane	7.379	83	164673	52.240	ug/L	98
37) 1,2-Dichloropropane	7.434	63	101716	51.197	ug/L	100
38) Bromodichloromethane	7.824	83	130894	51.541	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	159451	52.700	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	314320	106.457	ug/L	99
42) Toluene	8.720	91	422975	51.191	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	145928	52.935	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	110093	51.413	ug/L	98
46) Tetrachloroethene	9.275	164	102782	51.759	ug/L	99
48) 2-Hexanone	9.433	43	253557	110.578	ug/L	99
49) Dibromochloromethane	9.525	129	113825	52.329	ug/L	99
50) 1,2-Dibromoethane	9.610	107	115378	51.731	ug/L	99
51) Chlorobenzene	10.080	112	291530	50.620	ug/L	100
52) Ethylbenzene	10.195	91	475658	51.668	ug/L	100
53) m,p-Xylene	10.299	106	191497	52.545	ug/L	99
54) o-Xylene	10.640	106	187787	51.449	ug/L	98
55) Styrene	10.653	104	318226	52.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	176965	51.760	ug/L	100
59) Bromoform	10.799	173	97200	52.824	ug/L	100
60) Isopropylbenzene	10.964	105	500781	52.112	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	135349	50.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	414036	52.767	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	416160	53.324	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	250957	51.182	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	255338	51.049	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	259090	50.953	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	36776	53.654	ug/L	81
69) 1,3,5-Trichlorobenzene	13.109	180	199522	52.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	179678	52.182	ug/L	99
71) Naphthalene	13.774	128	539607	54.600	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	186208	51.801	ug/L	99

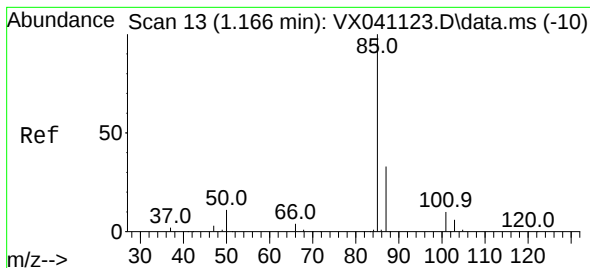
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#2

Dichlorodifluoromethane

Concen: 50.207 ug/L

RT: 1.167 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

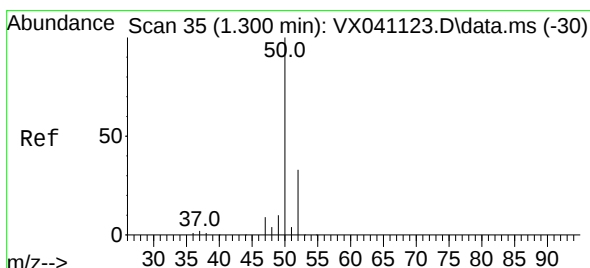
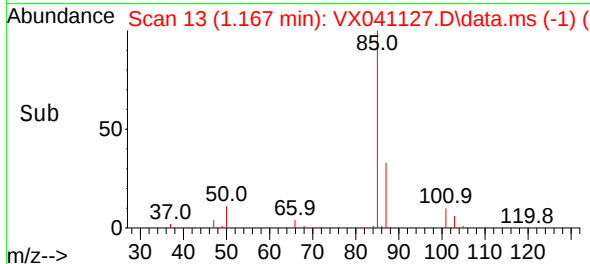
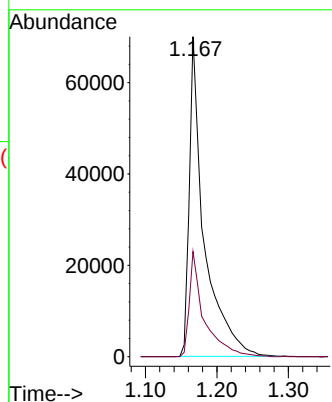
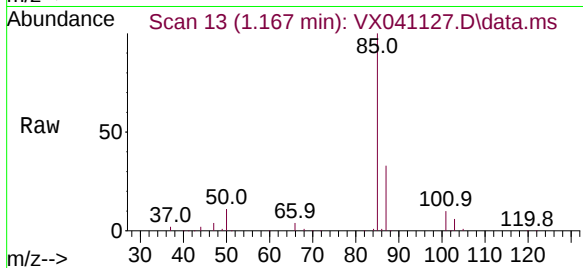
ClientSampleId :

Tgt Ion: 85 Resp: 100706

Ion Ratio Lower Upper

85 100

87 32.8 26.2 39.2



#3

Chloromethane

Concen: 50.154 ug/L

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041127.D

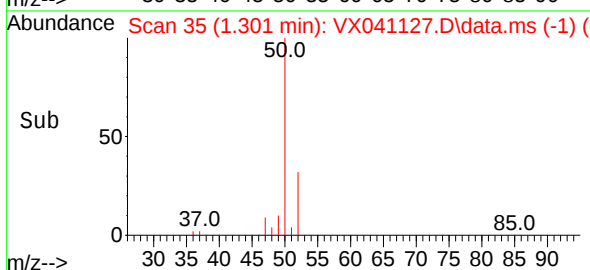
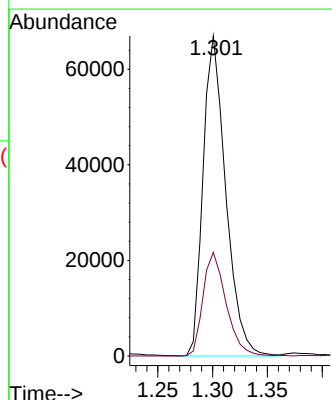
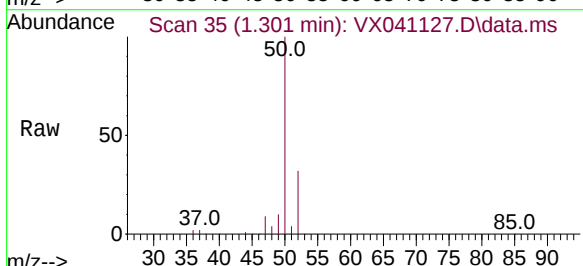
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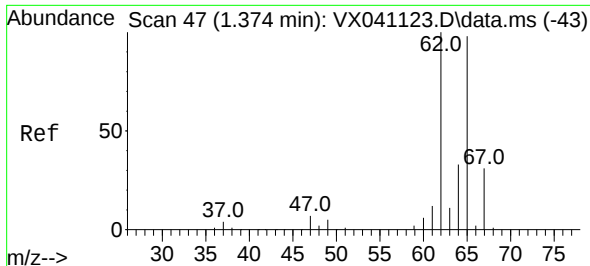
Tgt Ion: 50 Resp: 96301

Ion Ratio Lower Upper

50 100

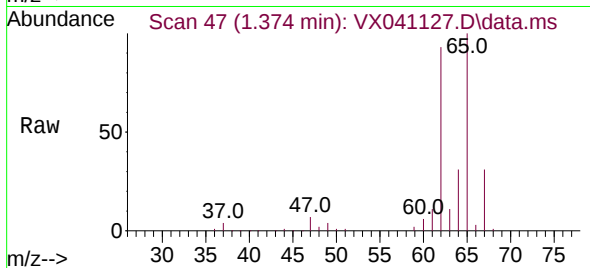
52 32.3 23.2 43.2



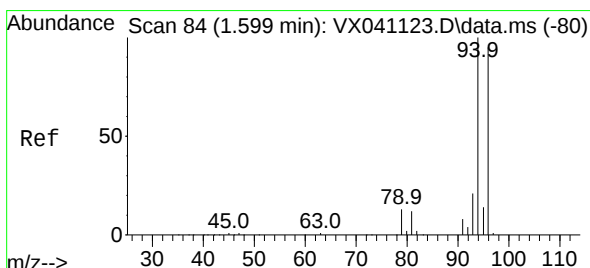
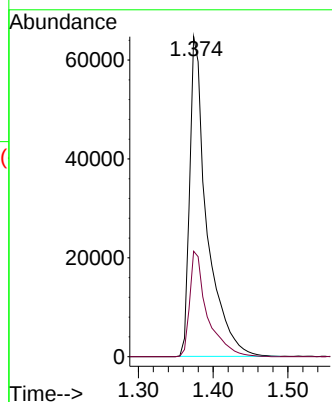
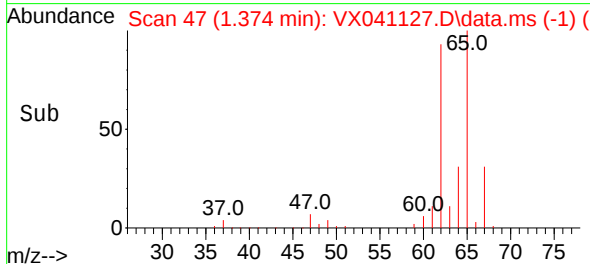


#5
Vinyl chloride
Concen: 49.800 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX041127.D
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Instrument :
MSVOA_X
ClientSampleId :

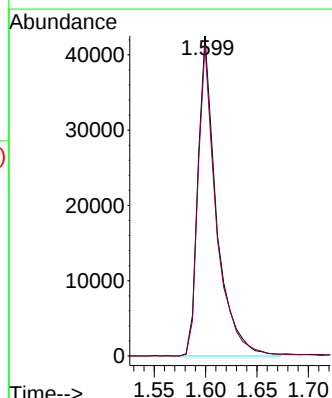
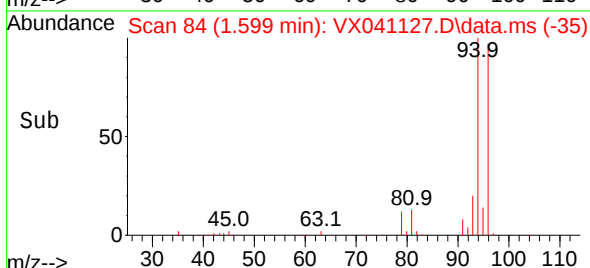
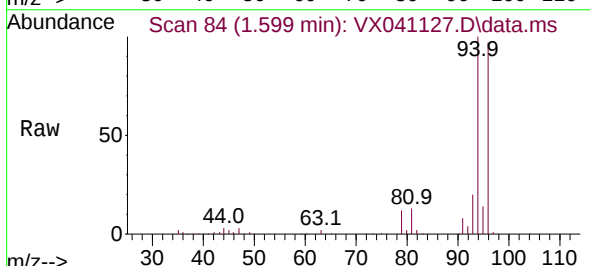


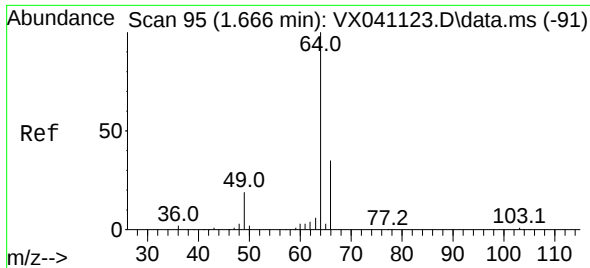
Tgt Ion: 62 Resp: 103027
Ion Ratio Lower Upper
62 100
64 33.0 23.0 42.8



#6
Bromomethane
Concen: 49.202 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Tgt Ion: 94 Resp: 53339
Ion Ratio Lower Upper
94 100
96 97.0 66.5 123.5

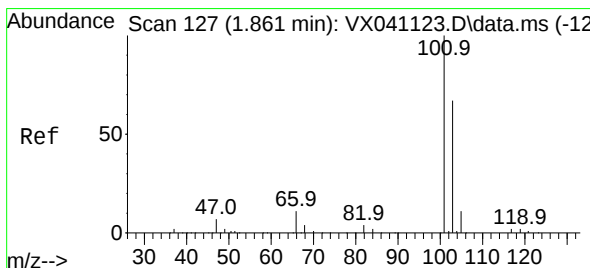
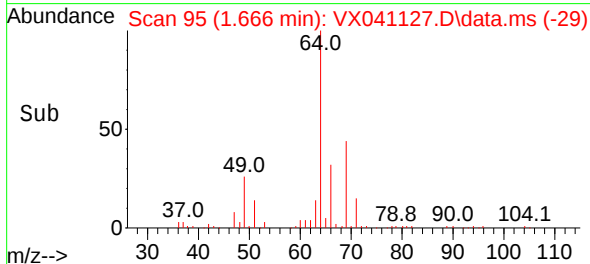
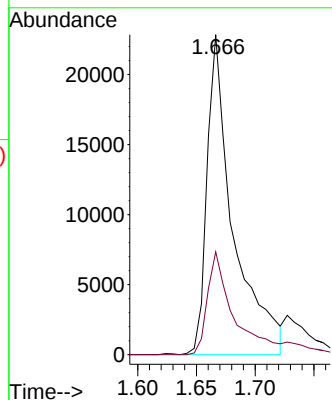
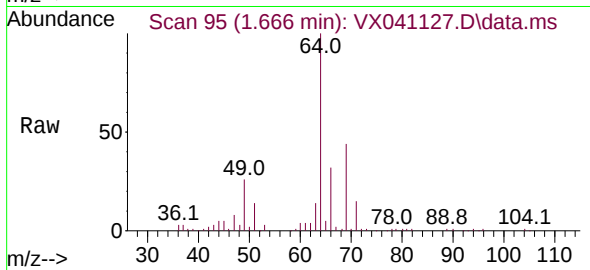




#8
Chloroethane
Concen: 43.616 ug/L
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

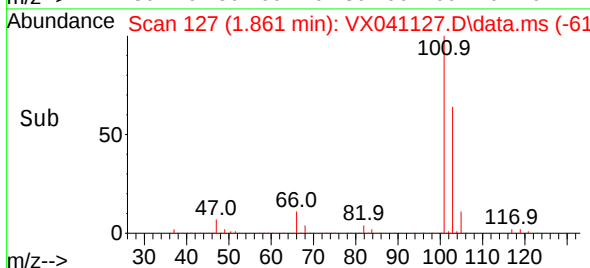
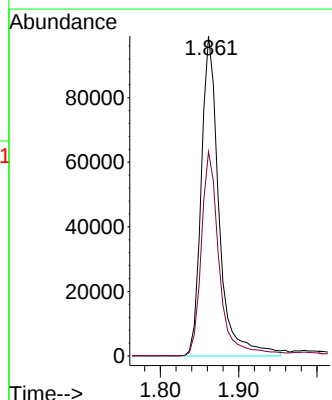
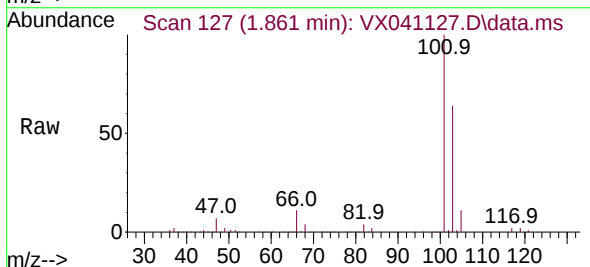
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MSVOA_X
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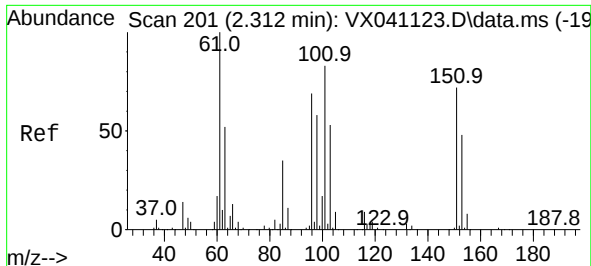
Tgt Ion: 64 Resp: 35376
Ion Ratio Lower Upper
64 100
66 32.2 24.7 45.9



#9
Trichlorofluoromethane
Concen: 50.382 ug/L
RT: 1.861 min Scan# 127
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Tgt Ion:101 Resp: 156293
Ion Ratio Lower Upper
101 100
103 64.2 52.6 78.8

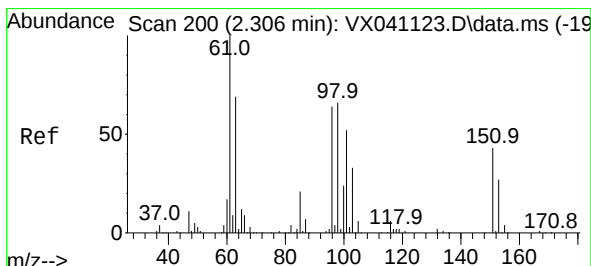
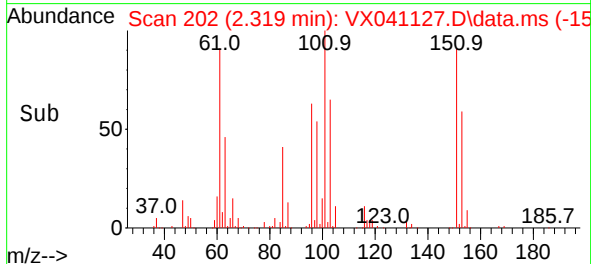
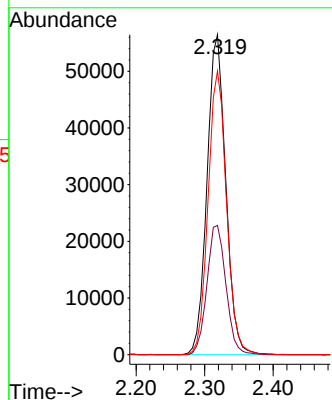
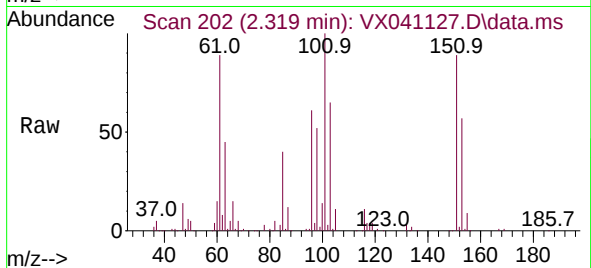




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.126 ug/L
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

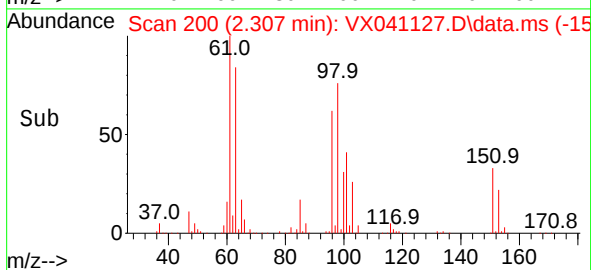
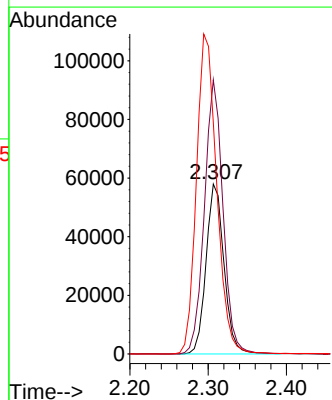
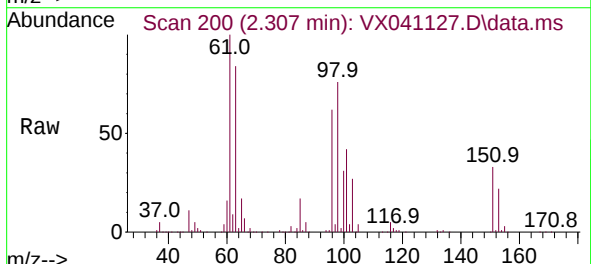
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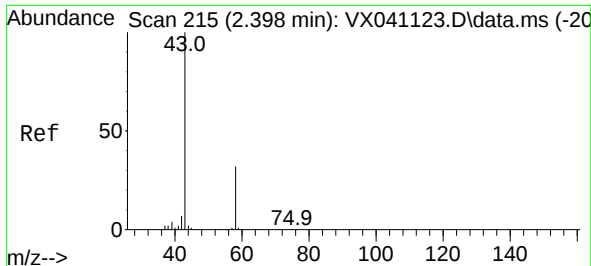
Tgt Ion:101 Resp: 107428
Ion Ratio Lower Upper
101 100
85 40.9 33.4 50.2
151 87.2 70.5 105.7



#12
1,1-Dichloroethene
Concen: 51.317 ug/L
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

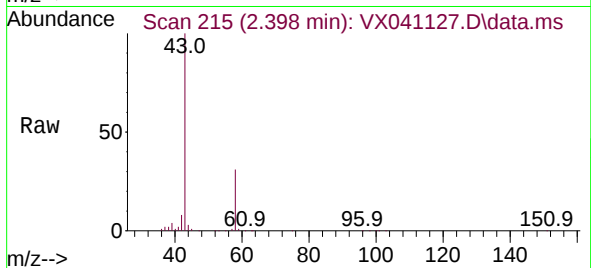
Tgt Ion: 96 Resp: 92123
Ion Ratio Lower Upper
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61 161.3 110.3 204.9
63 136.2 77.4 143.8



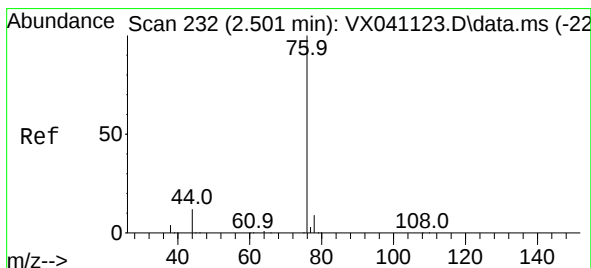
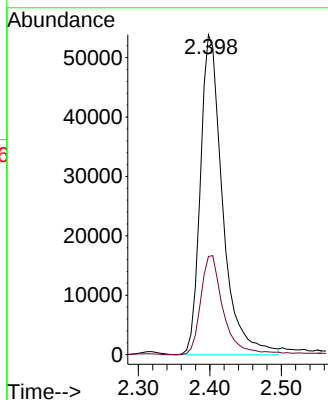
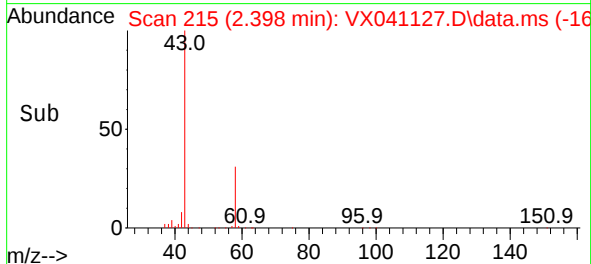


#13
Acetone
Concen: 110.771 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

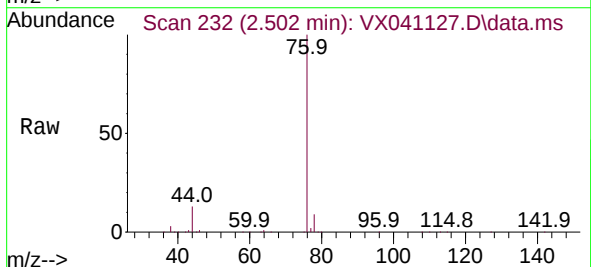
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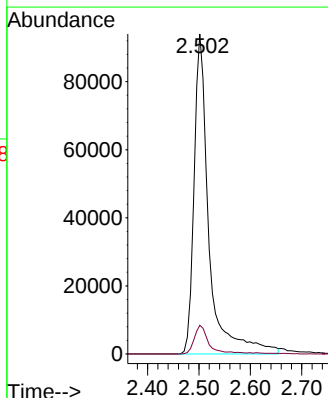
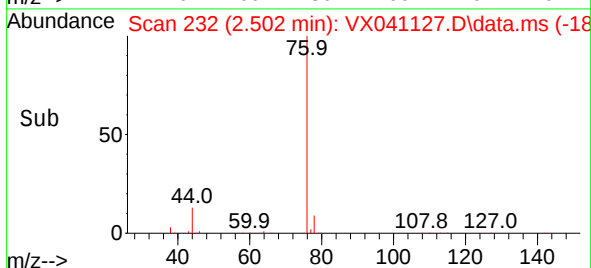
Tgt Ion: 43 Resp: 116344
Ion Ratio Lower Upper
43 100
58 30.8 0.0 62.4

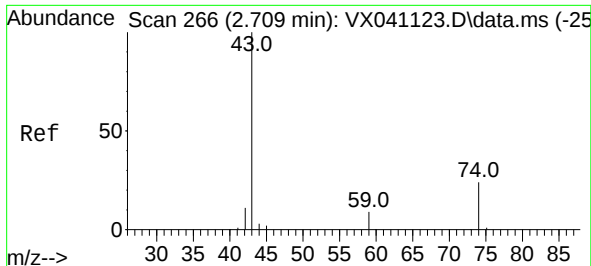


#14
Carbon disulfide
Concen: 51.889 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21



Tgt Ion: 76 Resp: 189111
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 51.013 ug/L

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

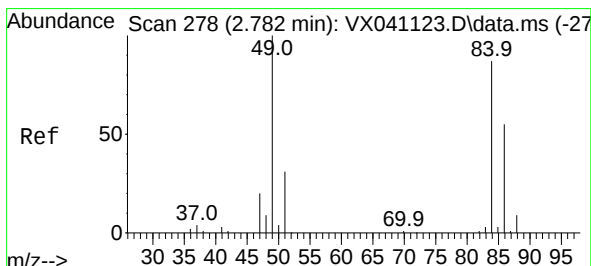
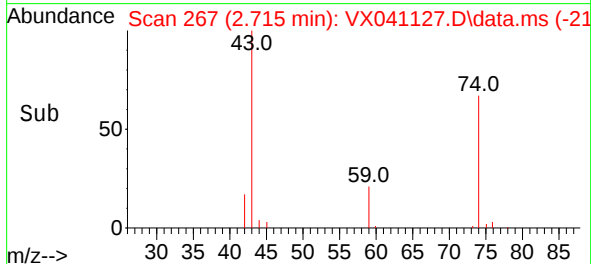
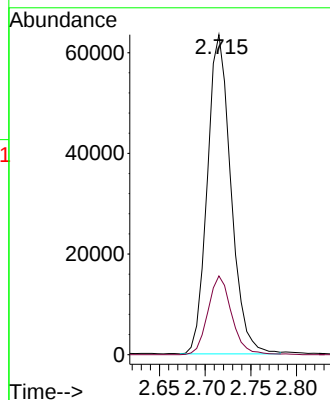
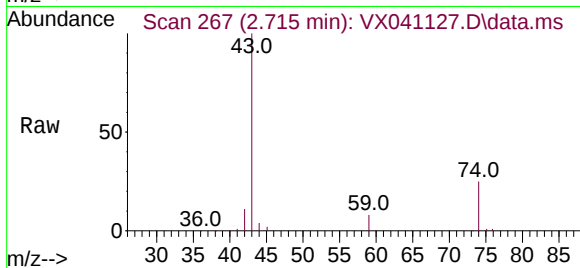
ClientSampleId :

Tgt Ion: 43 Resp: 113815

Ion Ratio Lower Upper

43 100

74 24.7 19.9 29.9



#16

Methylene chloride

Concen: 49.888 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

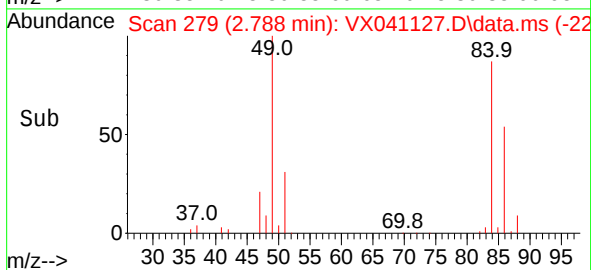
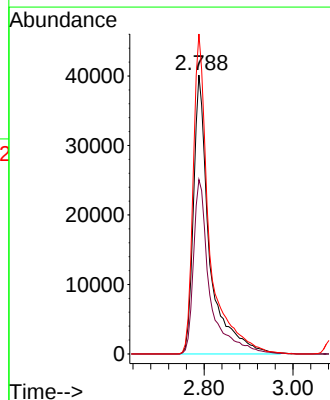
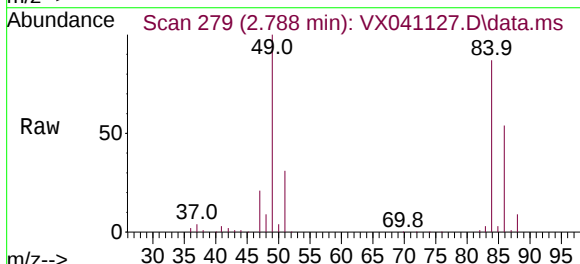
Tgt Ion: 84 Resp: 100490

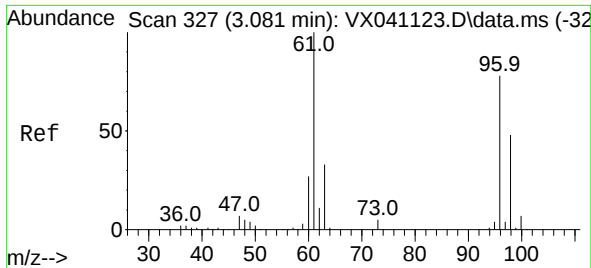
Ion Ratio Lower Upper

84 100

86 62.5 44.7 83.1

49 114.7 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 50.719 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

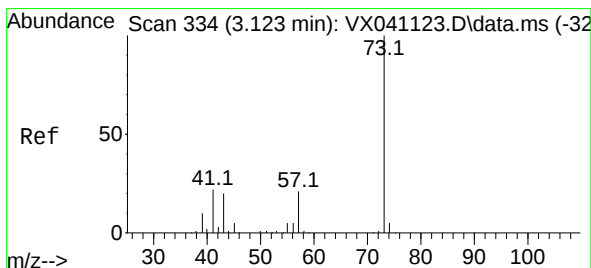
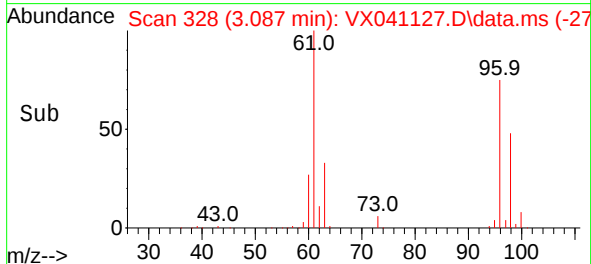
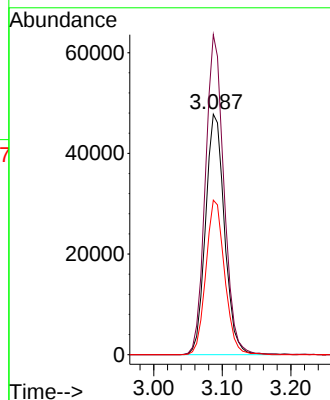
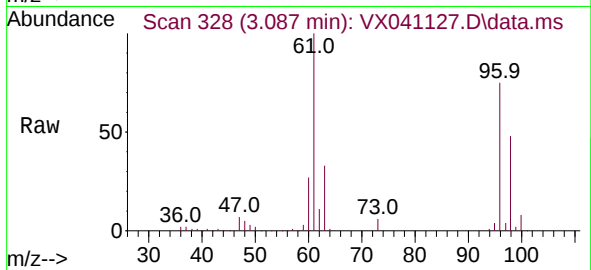
Tgt Ion: 96 Resp: 92004

Ion Ratio Lower Upper

96 100

61 133.1 89.6 166.4

98 64.2 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 51.130 ug/L

RT: 3.130 min Scan# 335

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

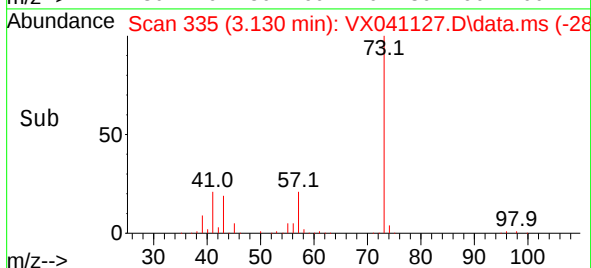
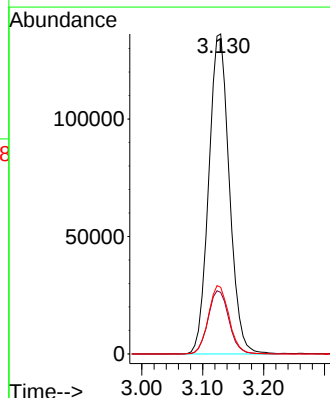
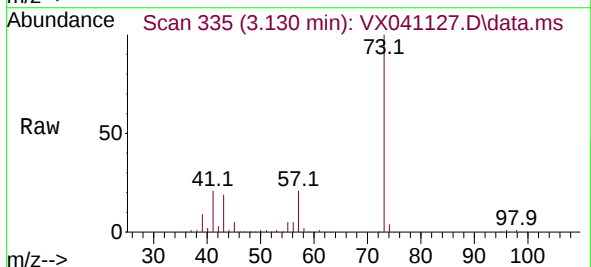
Tgt Ion: 73 Resp: 319301

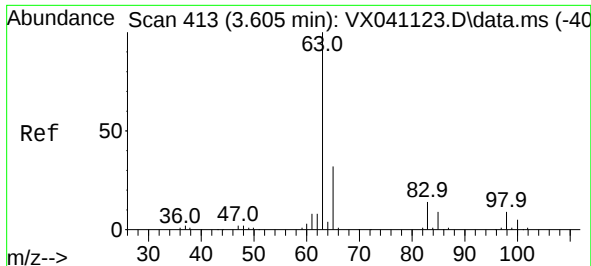
Ion Ratio Lower Upper

73 100

43 20.1 16.1 24.1

57 21.3 17.0 25.4





#19

1,1-Dichloroethane

Concen: 50.692 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

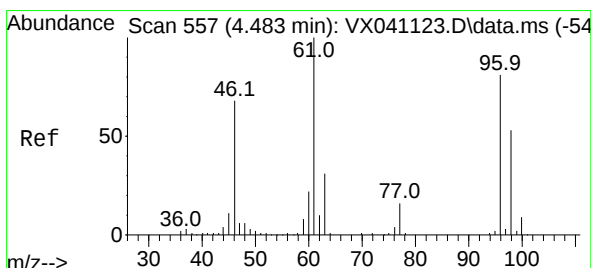
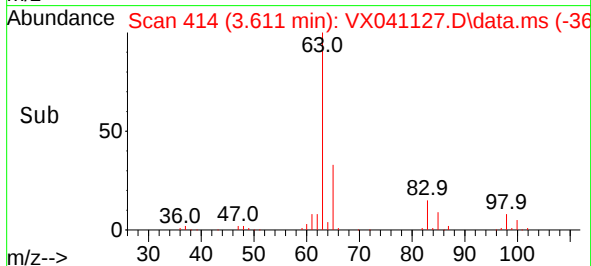
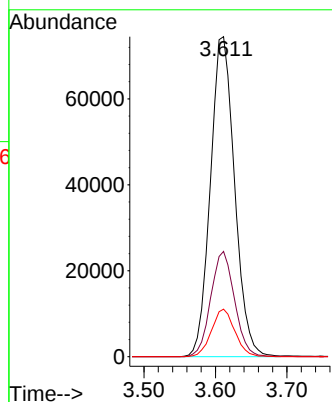
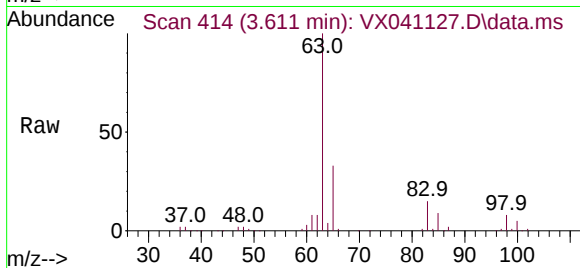
Tgt Ion: 63 Resp: 175219

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.3

83 14.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 51.329 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

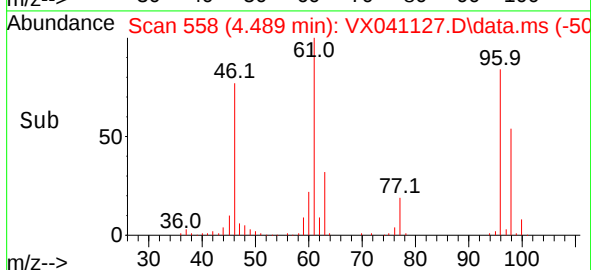
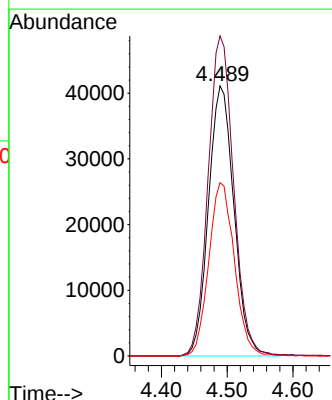
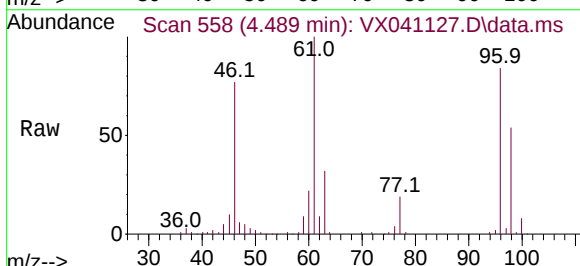
Tgt Ion: 96 Resp: 110999

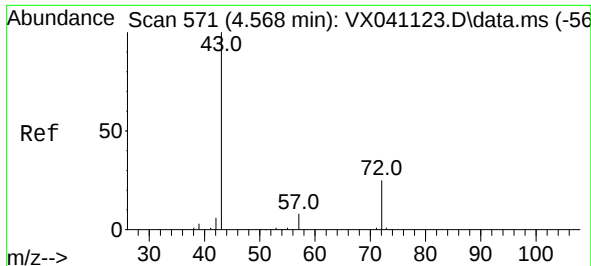
Ion Ratio Lower Upper

96 100

61 118.5 86.5 160.7

98 64.2 45.4 84.2

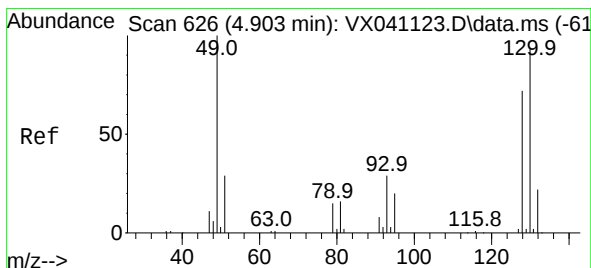
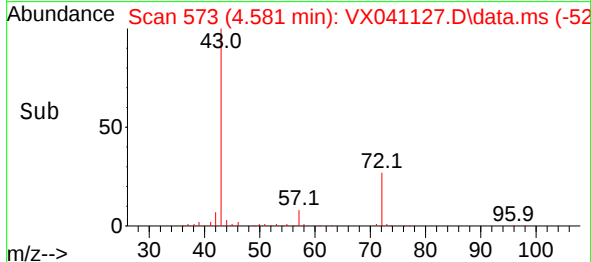
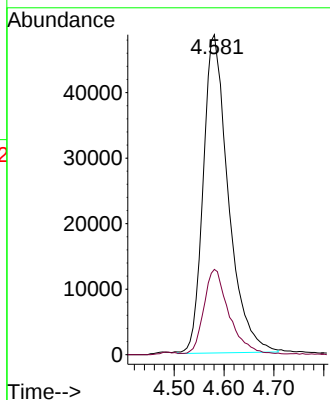
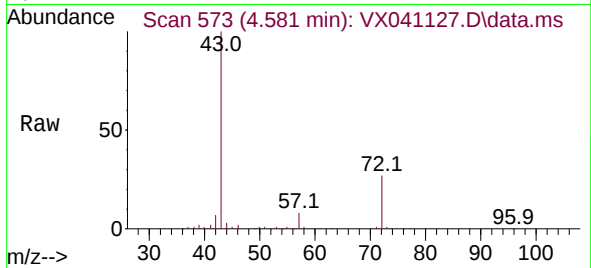




#22
2-Butanone
Concen: 107.984 ug/L
RT: 4.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

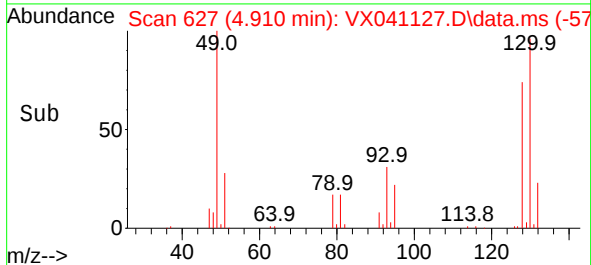
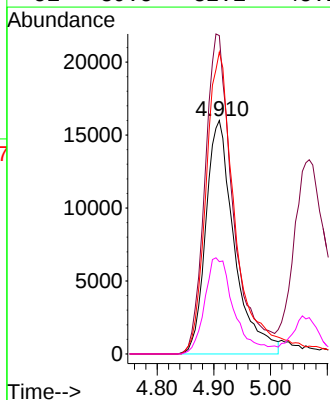
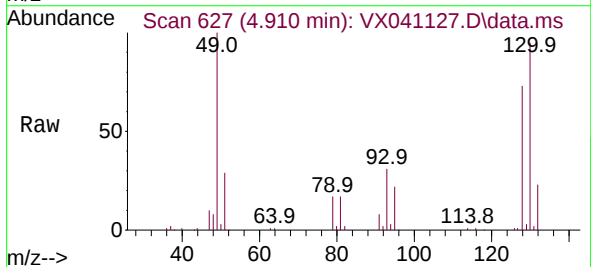
Instrument :
MSVOA_X
ClientSampleId :

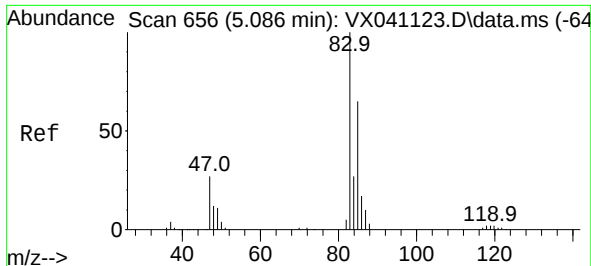
Tgt Ion: 43 Resp: 169925
Ion Ratio Lower Upper
43 100
72 26.1 12.5 37.5



#23
Bromochloromethane
Concen: 49.609 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Tgt Ion:128 Resp: 55855
Ion Ratio Lower Upper
128 100
49 136.4 97.2 180.6
130 129.4 90.6 168.2
51 39.5 32.1 48.1





#25

Chloroform

Concen: 50.593 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

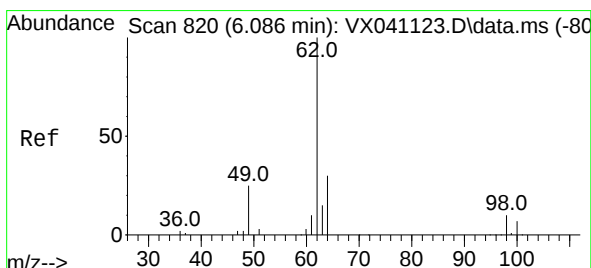
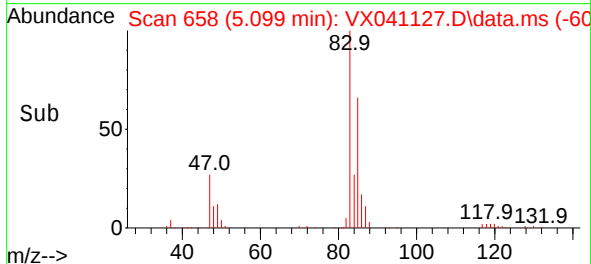
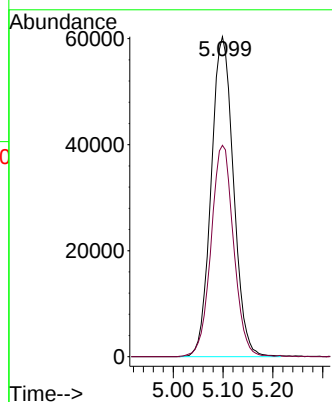
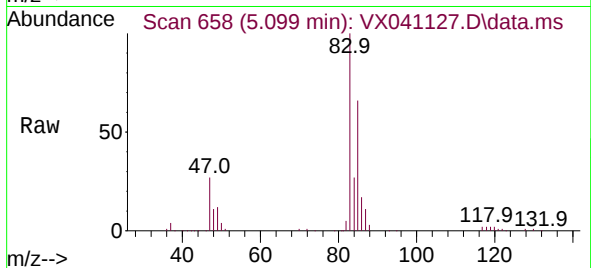
ClientSampleId :

Tgt Ion: 83 Resp: 187873

Ion Ratio Lower Upper

83 100

85 66.0 45.9 85.3



#27

1,2-Dichloroethane

Concen: 50.255 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX041127.D

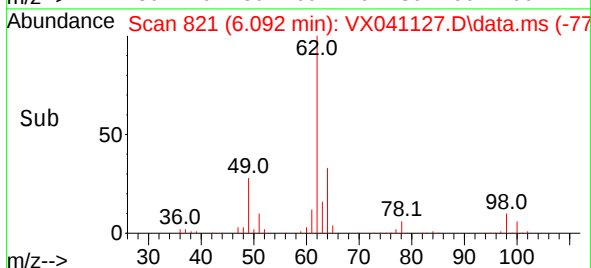
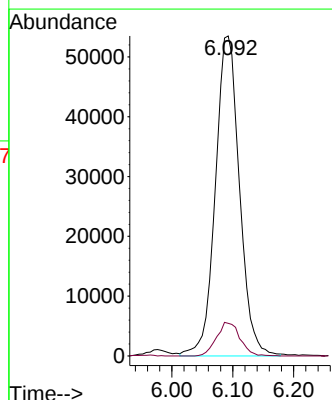
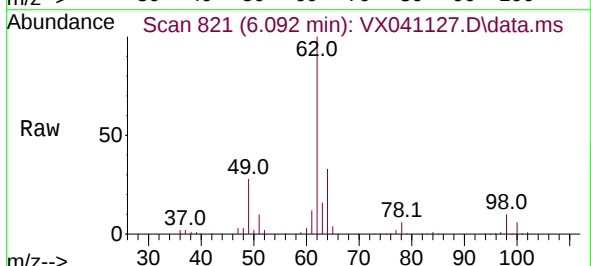
Acq: 17 Apr 2024 15:21

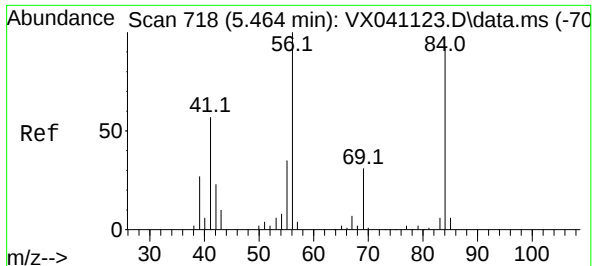
Tgt Ion: 62 Resp: 147271

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9





#29

Cyclohexane

Concen: 51.875 ug/L

RT: 5.471 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

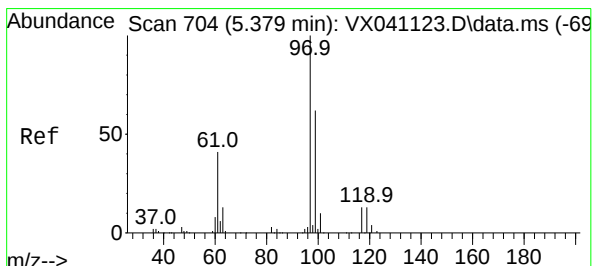
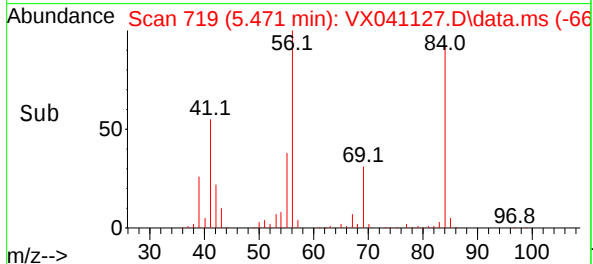
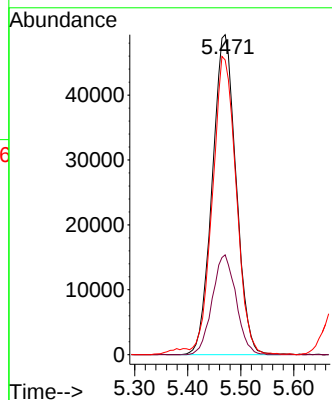
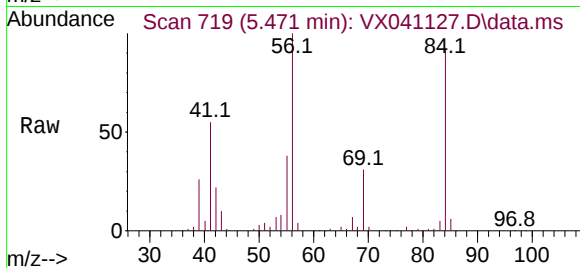
Tgt Ion: 56 Resp: 153295

Ion Ratio Lower Upper

56 100

69 31.2 25.1 37.7

84 91.9 75.0 112.6



#30

1,1,1-Trichloroethane

Concen: 51.463 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

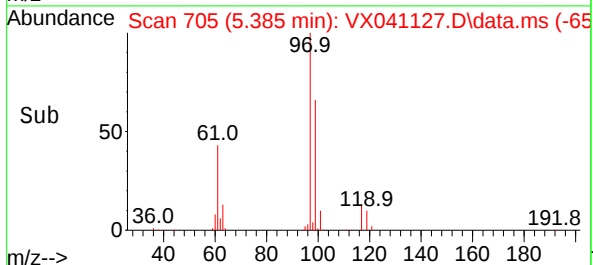
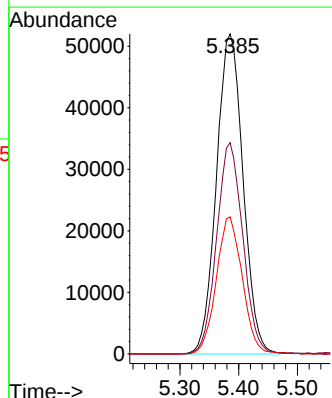
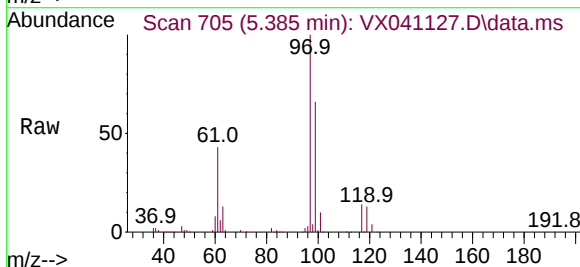
Tgt Ion: 97 Resp: 164009

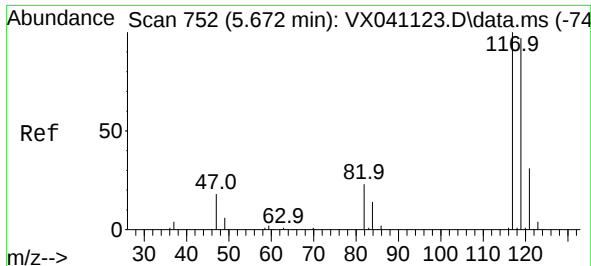
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 41.8 33.9 50.9

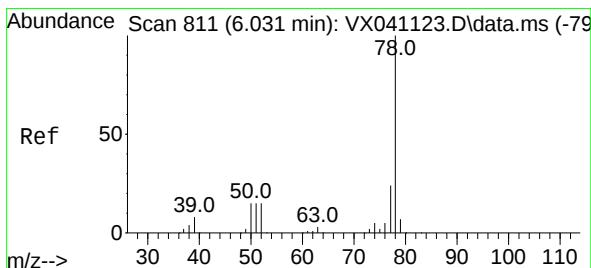
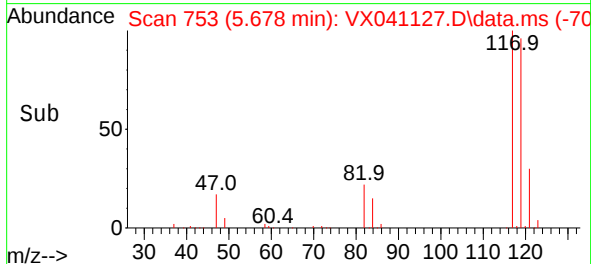
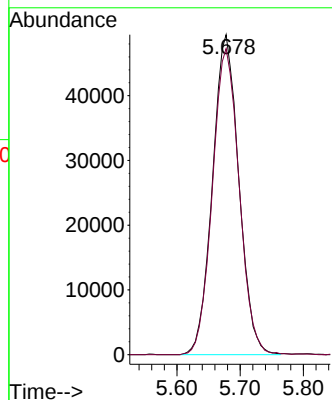
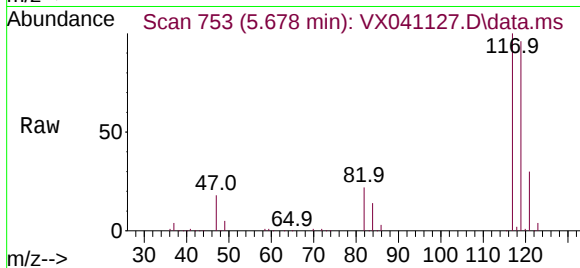




#31
Carbon tetrachloride
Concen: 52.191 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

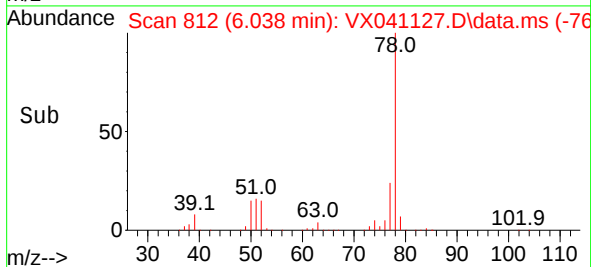
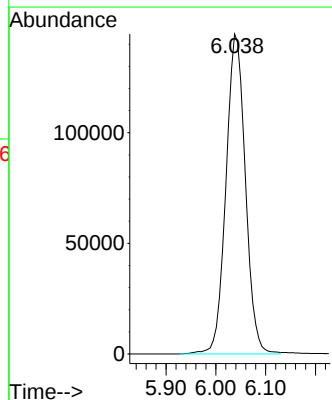
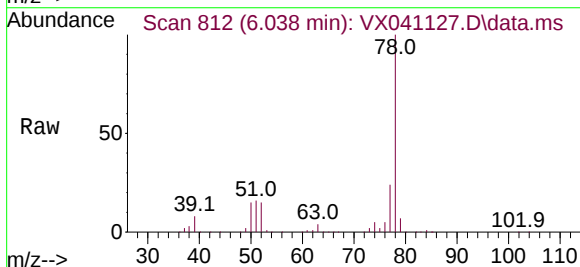
Instrument :
MSVOA_X
ClientSampleId :

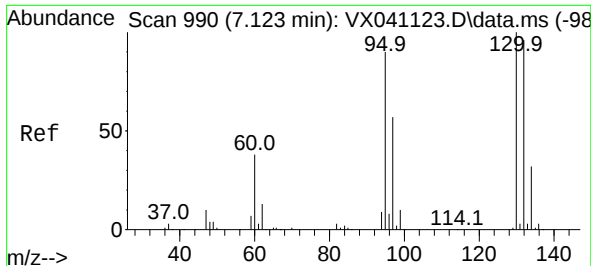
Tgt Ion:117 Resp: 142991
Ion Ratio Lower Upper
117 100
119 97.0 78.1 117.1



#33
Benzene
Concen: 51.070 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

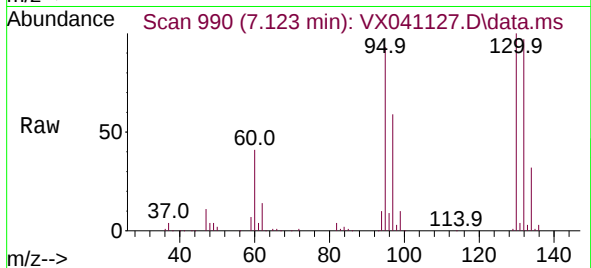
Tgt Ion: 78 Resp: 391284



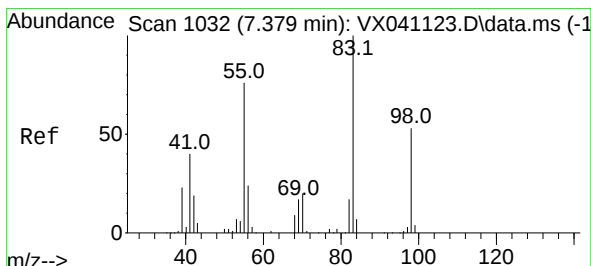
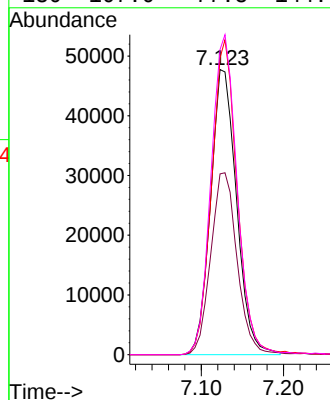
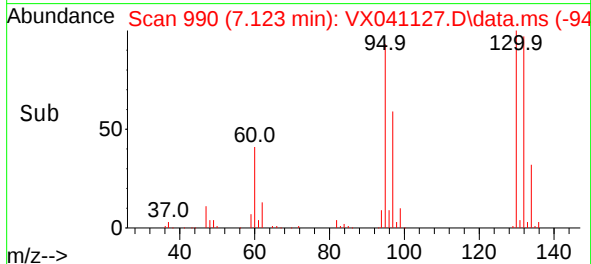


#34
Trichloroethene
Concen: 50.534 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Instrument :
MSVOA_X
ClientSampleId :

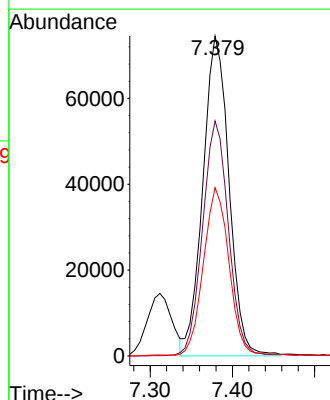
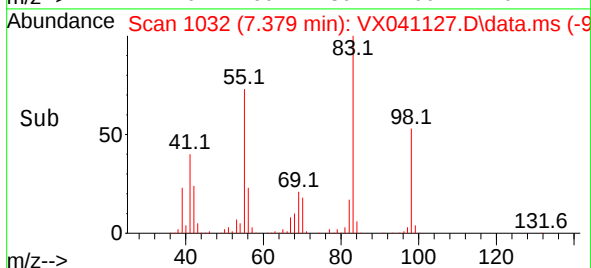
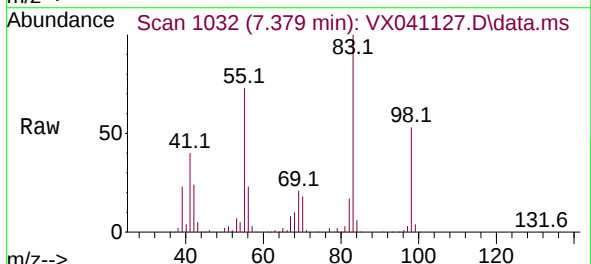


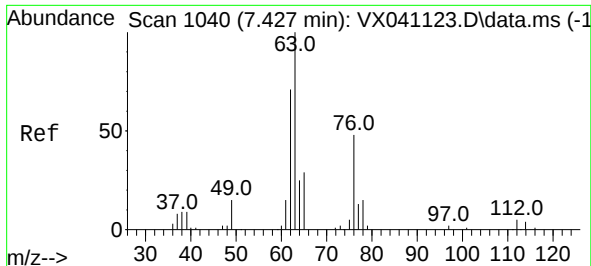
Tgt Ion: 95 Resp: 104808
Ion Ratio Lower Upper
95 100
97 63.4 44.1 81.9
132 104.1 74.6 138.6
130 107.0 77.8 144.6



#35
Methylcyclohexane
Concen: 52.240 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Tgt Ion: 83 Resp: 164673
Ion Ratio Lower Upper
83 100
55 72.3 58.7 88.1
98 51.9 40.5 60.7

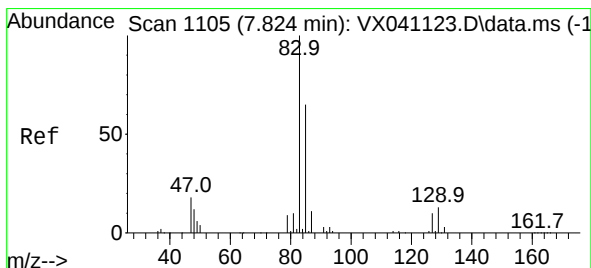
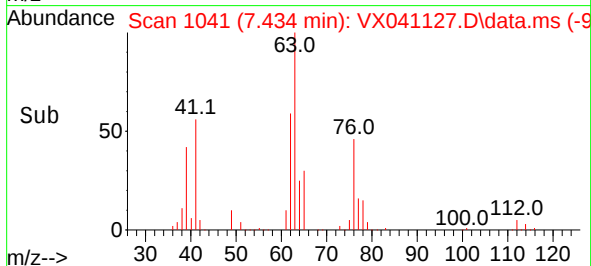
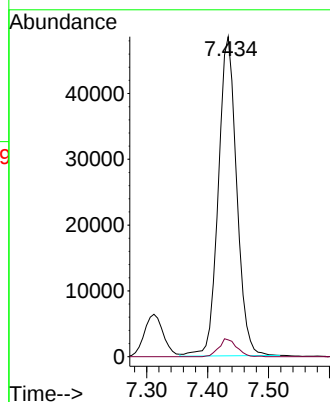
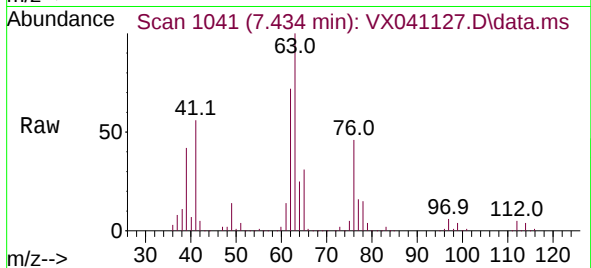




#37
1,2-Dichloropropane
Concen: 51.197 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

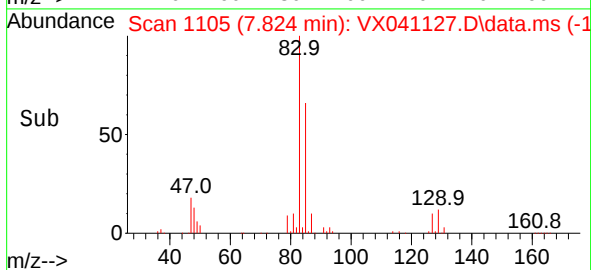
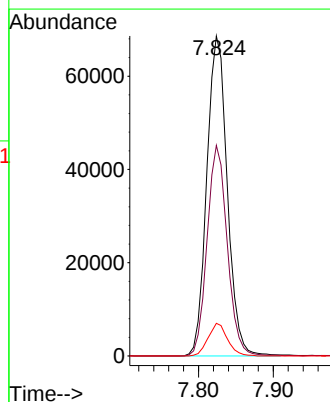
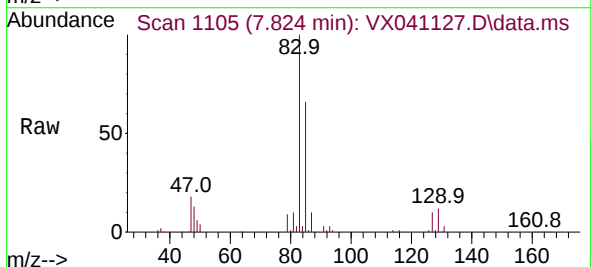
Instrument :
MSVOA_X
ClientSampleId :

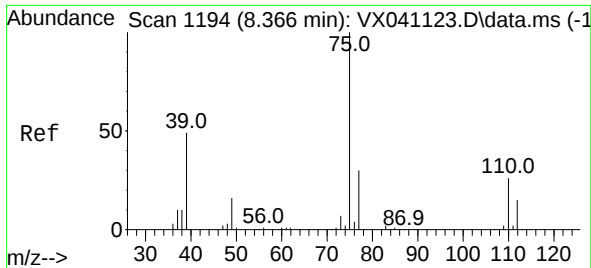
Tgt Ion: 63 Resp: 101716
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#38
Bromodichloromethane
Concen: 51.541 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Tgt Ion: 83 Resp: 130894
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.8
127 10.2 7.8 11.8

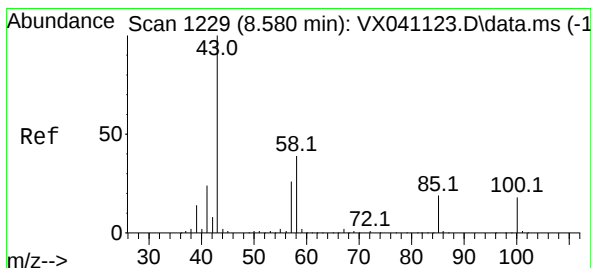
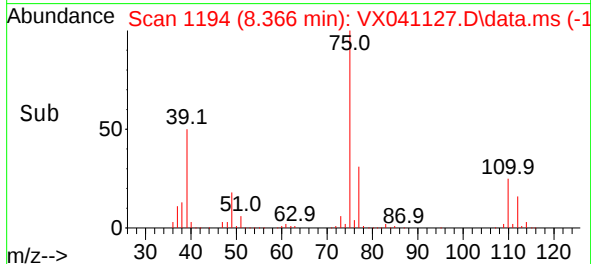
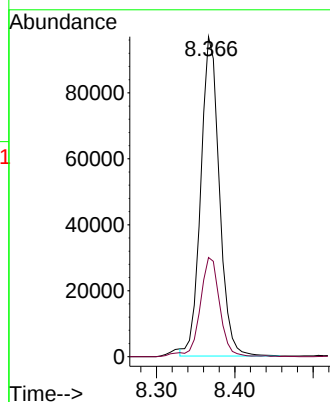
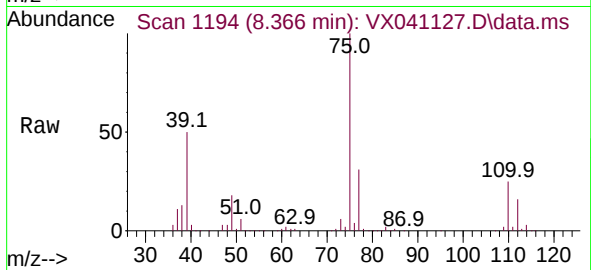




#39
 cis-1,3-Dichloropropene
 Concen: 52.700 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041127.D
 Acq: 17 Apr 2024 15:21

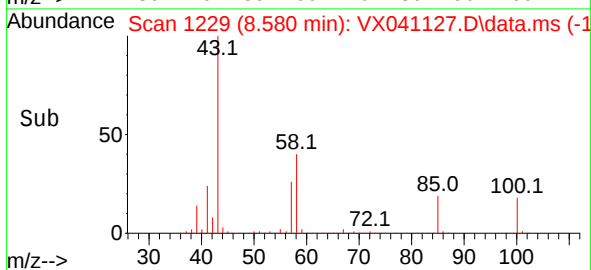
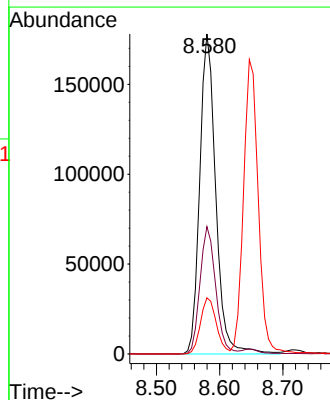
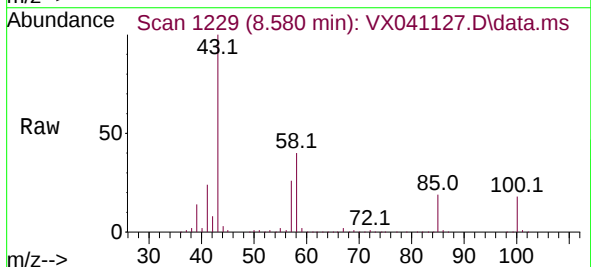
Instrument :
 MSVOA_X
 ClientSampleId :

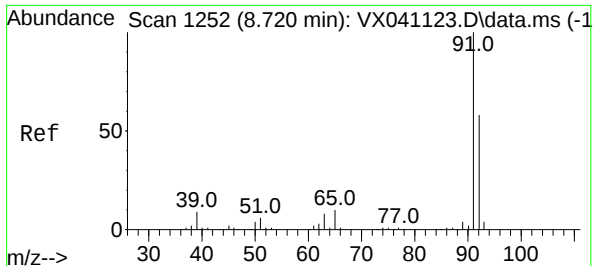
Tgt Ion: 75 Resp: 159451
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 106.457 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: VX041127.D
 Acq: 17 Apr 2024 15:21

Tgt Ion: 43 Resp: 314320
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.6 46.0
 100 17.4 13.8 20.6





#42

Toluene

Concen: 51.191 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

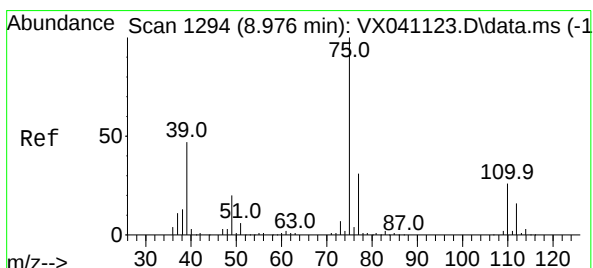
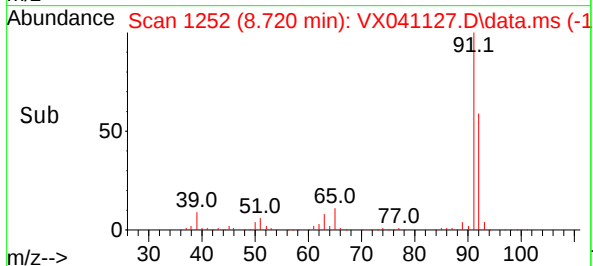
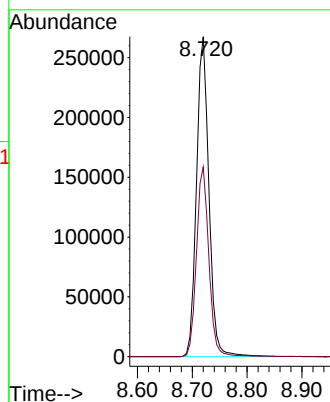
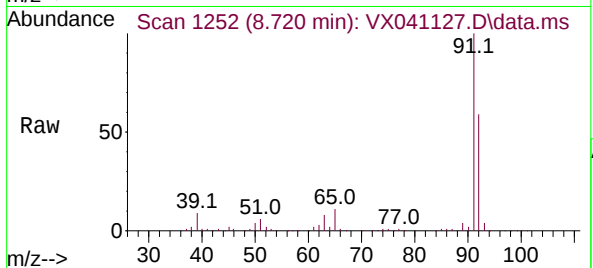
ClientSampleId :

Tgt Ion: 91 Resp: 422975

Ion Ratio Lower Upper

91 100

92 59.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 52.935 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX041127.D

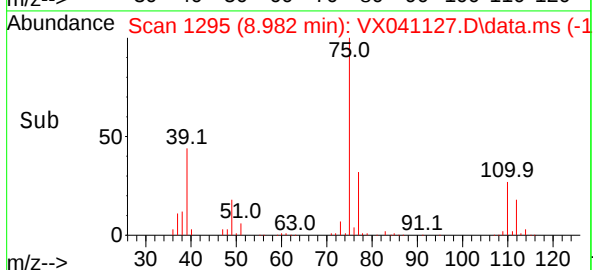
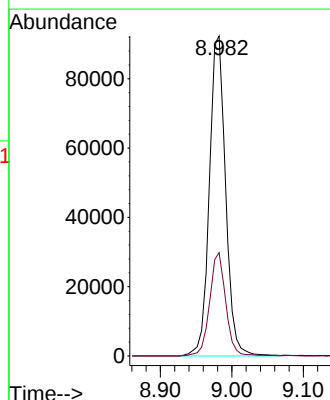
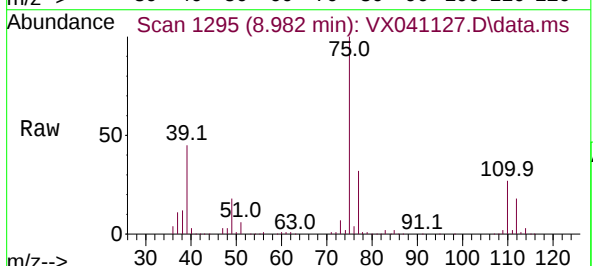
Acq: 17 Apr 2024 15:21

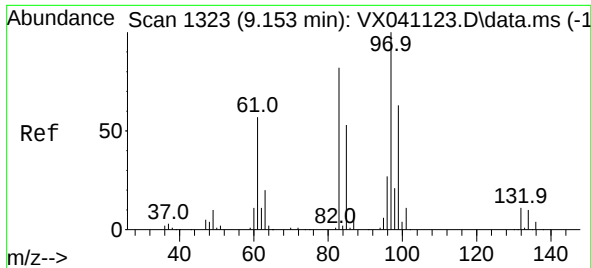
Tgt Ion: 75 Resp: 145928

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 51.413 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 110093

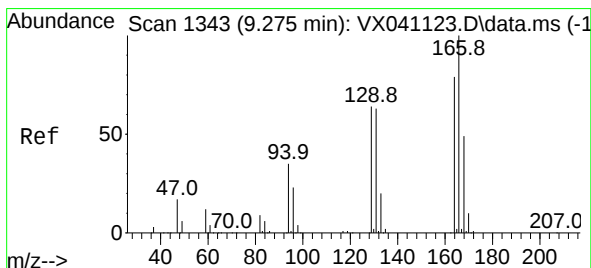
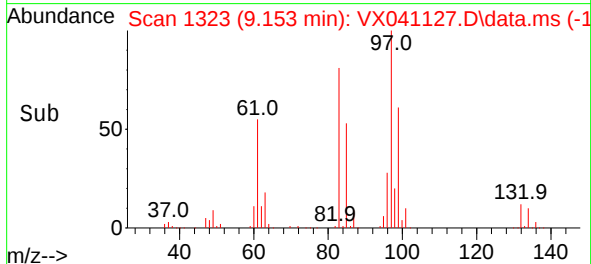
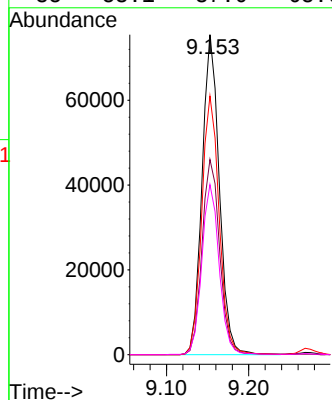
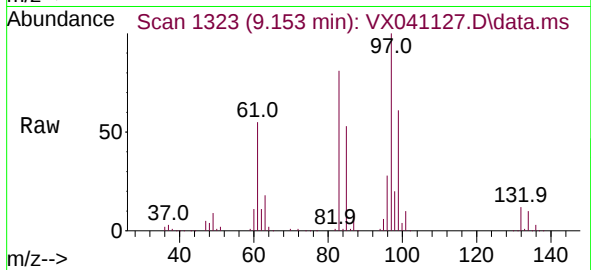
Ion Ratio Lower Upper

97 100

99 61.0 44.4 82.4

83 80.9 57.3 106.5

85 53.1 37.0 68.6



#46

Tetrachloroethene

Concen: 51.759 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Tgt Ion:164 Resp: 102782

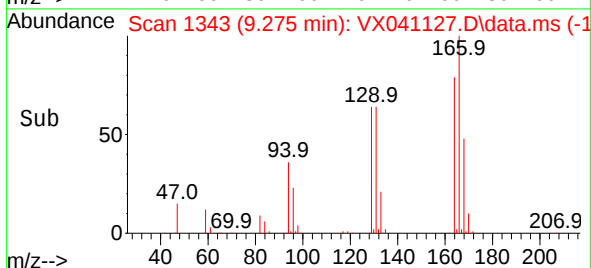
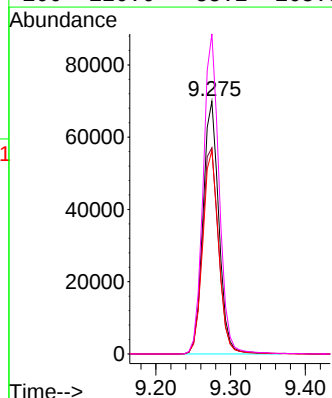
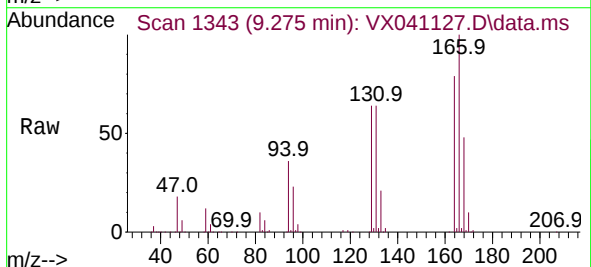
Ion Ratio Lower Upper

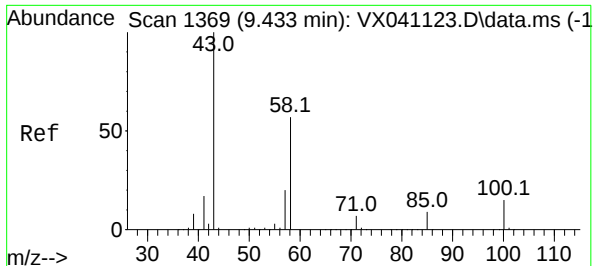
164 100

129 81.6 56.5 104.9

131 80.5 55.2 102.4

166 126.6 88.2 163.8





#48

2-Hexanone

Concen: 110.578 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 253557

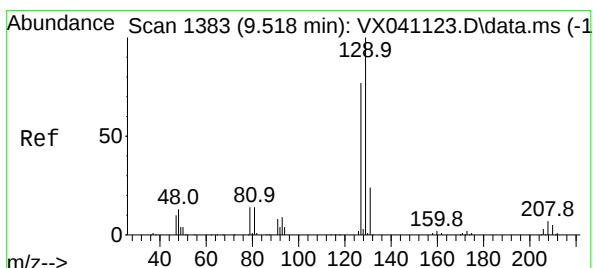
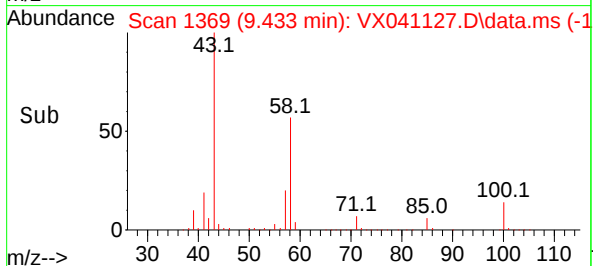
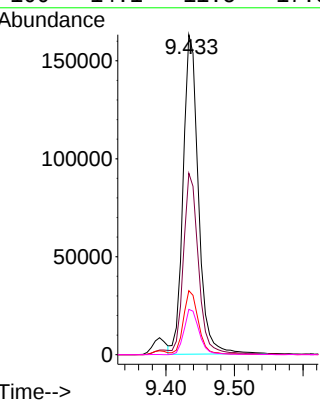
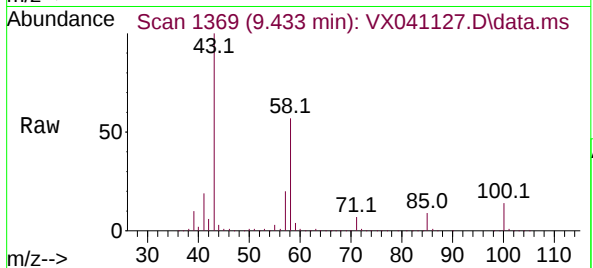
Ion Ratio Lower Upper

43 100

58 55.6 43.8 65.8

57 19.7 15.0 22.6

100 14.1 11.5 17.3



#49

Dibromochloromethane

Concen: 52.329 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX041127.D

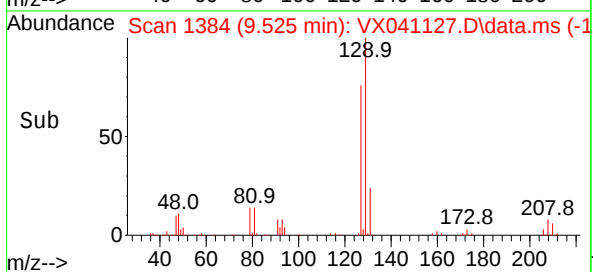
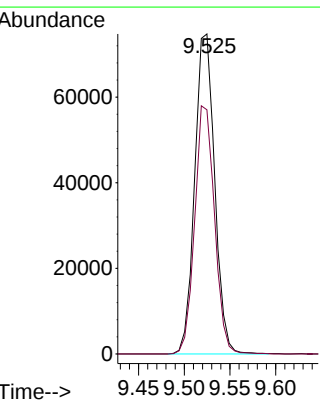
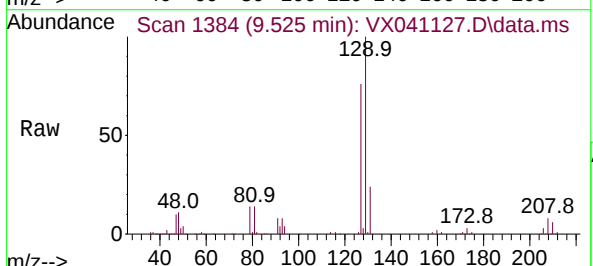
Acq: 17 Apr 2024 15:21

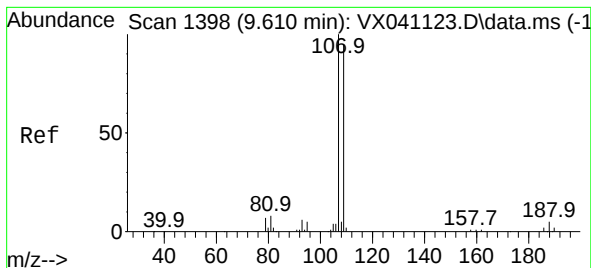
Tgt Ion:129 Resp: 113825

Ion Ratio Lower Upper

129 100

127 76.3 53.9 100.1





#50

1,2-Dibromoethane

Concen: 51.731 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

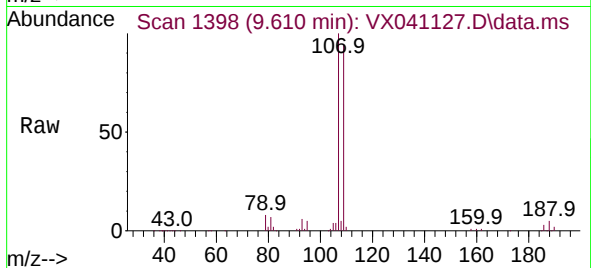
Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :



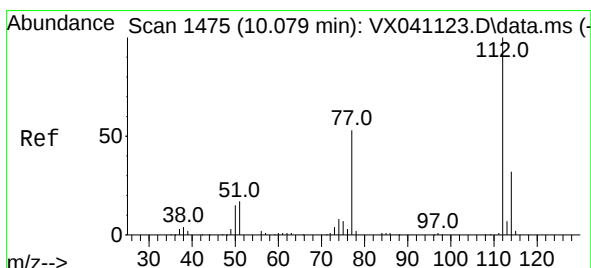
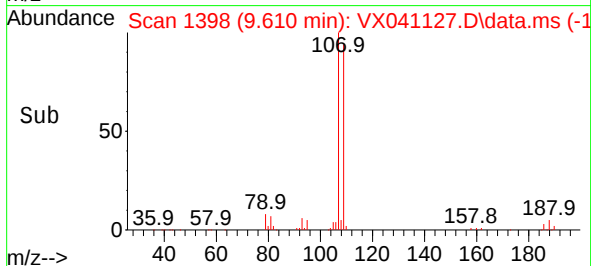
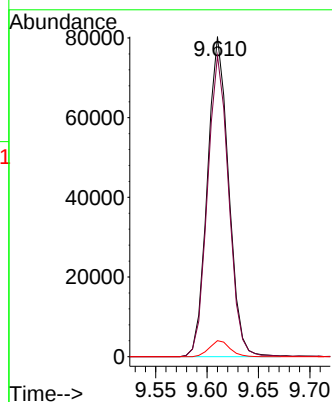
Tgt Ion:107 Resp: 115378

Ion Ratio Lower Upper

107 100

109 94.1 66.6 123.6

188 5.2 3.8 5.8



#51

Chlorobenzene

Concen: 50.620 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

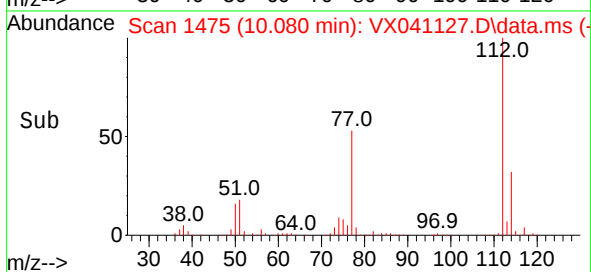
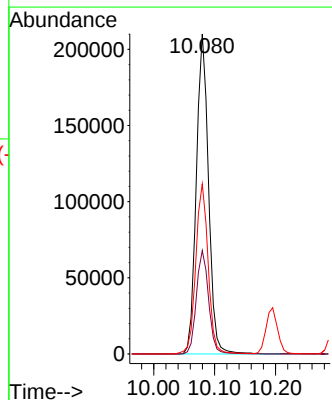
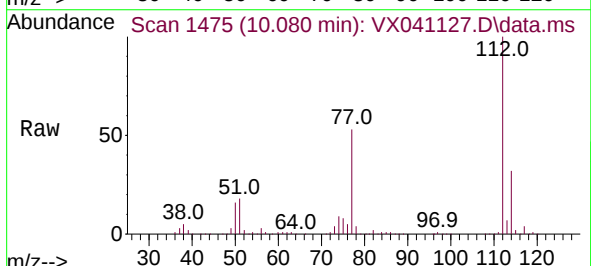
Tgt Ion:112 Resp: 291530

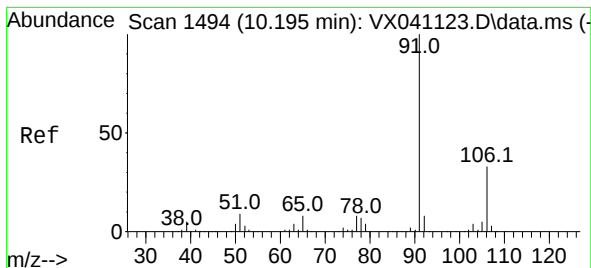
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.9

77 53.2 42.6 64.0





#52

Ethylbenzene

Concen: 51.668 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

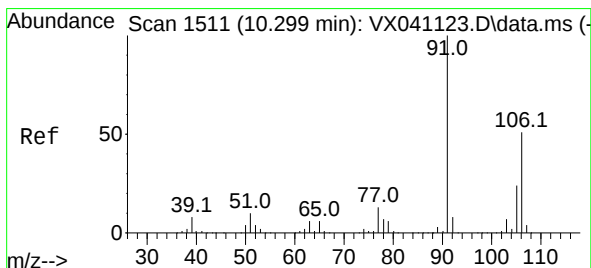
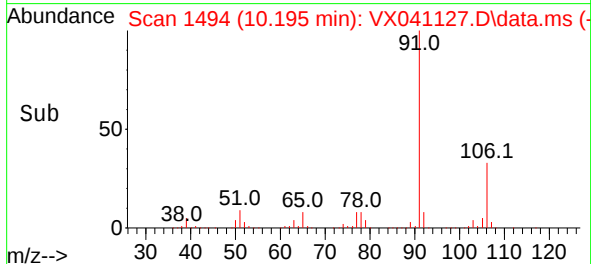
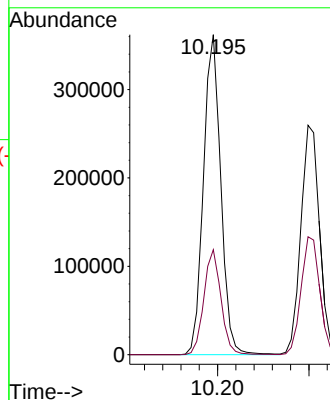
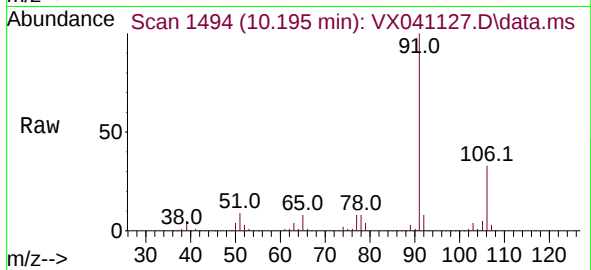
ClientSampleId :

Tgt Ion: 91 Resp: 475658

Ion Ratio Lower Upper

91 100

106 32.8 22.7 42.3



#53

m,p-Xylene

Concen: 52.545 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041127.D

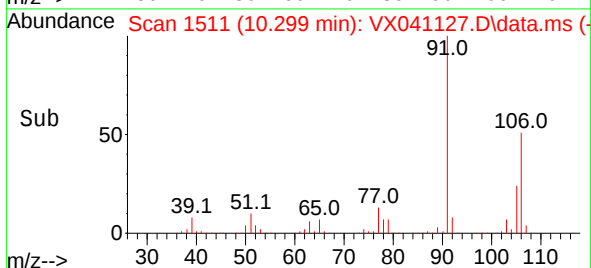
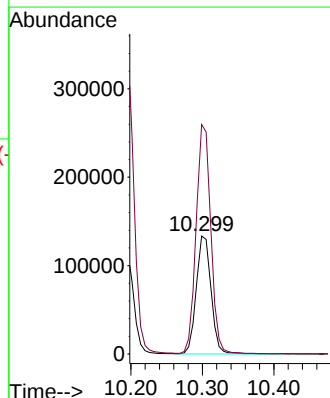
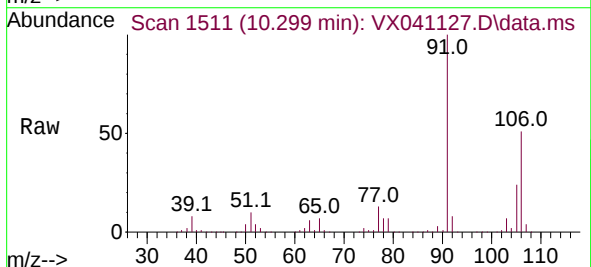
Acq: 17 Apr 2024 15:21

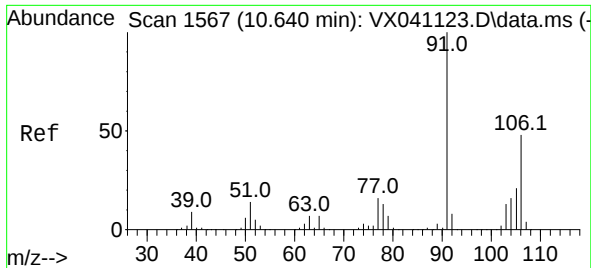
Tgt Ion:106 Resp: 191497

Ion Ratio Lower Upper

106 100

91 194.6 137.2 254.8

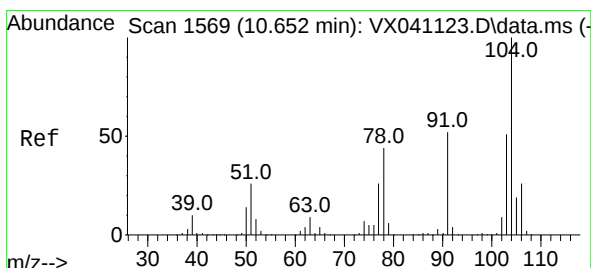
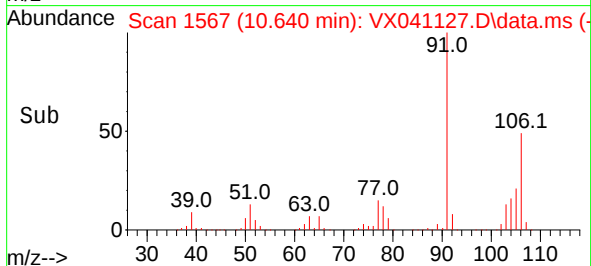
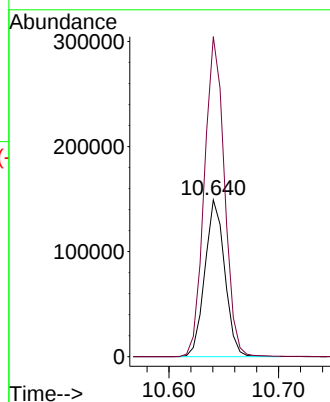
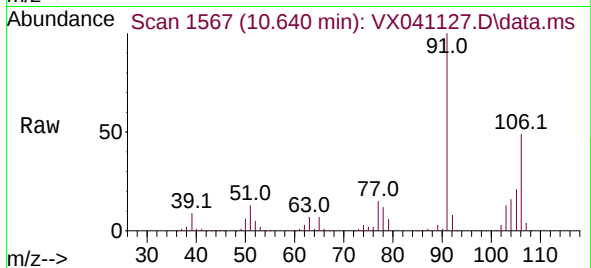




#54
o-Xylene
Concen: 51.449 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

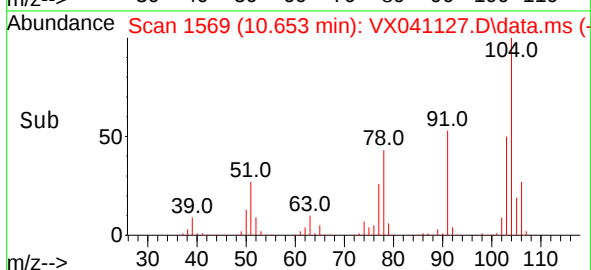
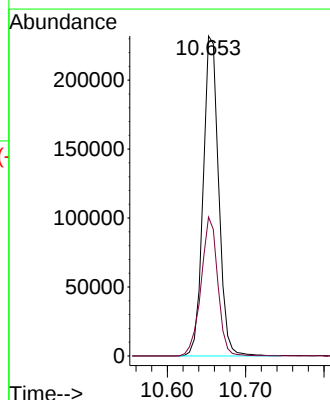
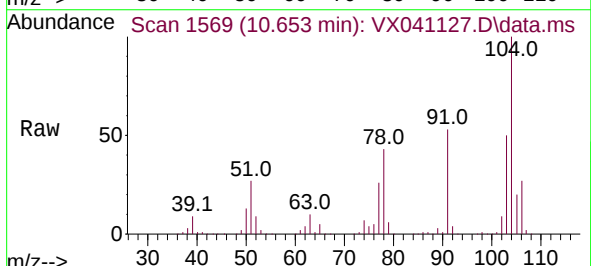
Instrument :
MSVOA_X
ClientSampleId :

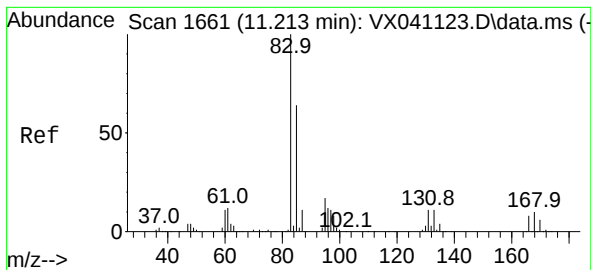
Tgt Ion:106 Resp: 187787
Ion Ratio Lower Upper
106 100
91 204.0 145.4 270.0



#55
Styrene
Concen: 52.393 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Tgt Ion:104 Resp: 318226
Ion Ratio Lower Upper
104 100
78 43.4 30.4 56.5

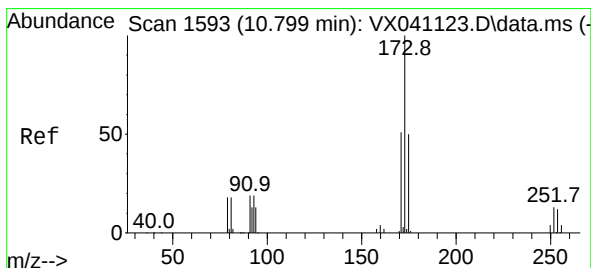
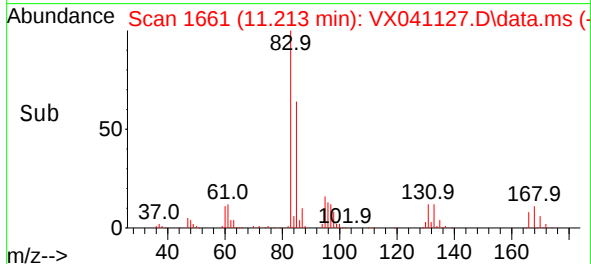
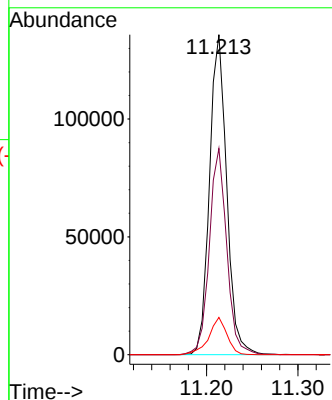
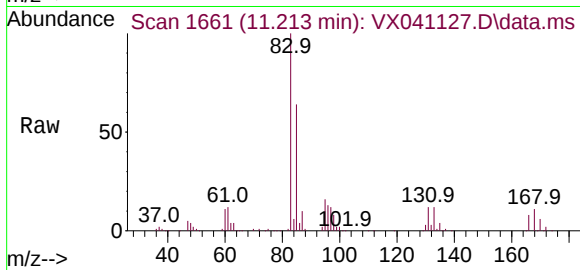




#57
1,1,2,2-Tetrachloroethane
Concen: 51.760 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

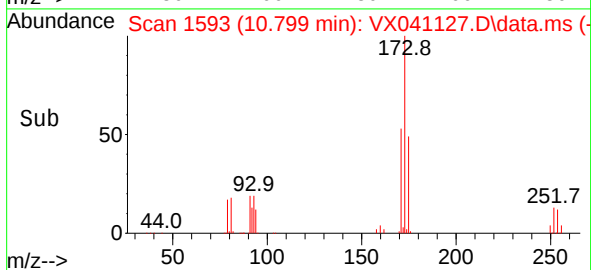
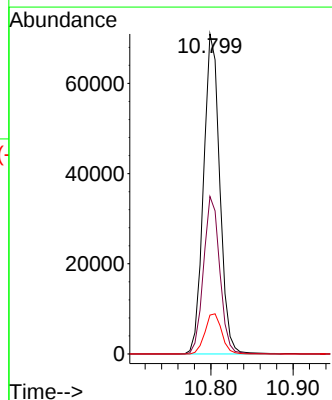
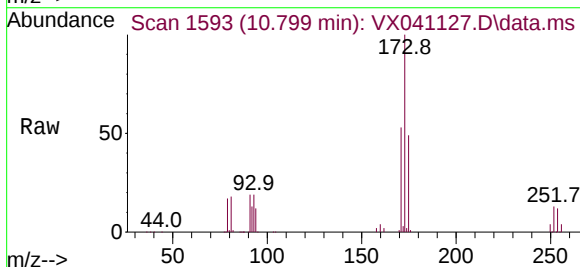
Instrument :
MSVOA_X
ClientSampleId :

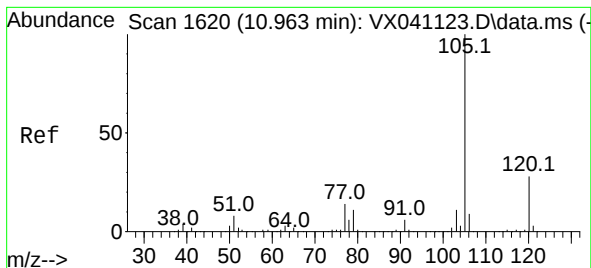
Tgt Ion: 83 Resp: 176965
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6
131 11.7 9.0 13.4



#59
Bromoform
Concen: 52.824 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

Tgt Ion:173 Resp: 97200
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.2
254 13.0 10.5 15.7





#60

Isopropylbenzene

Concen: 52.112 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

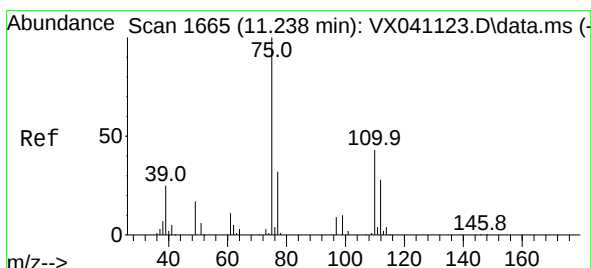
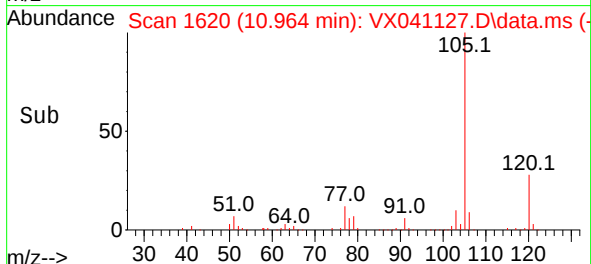
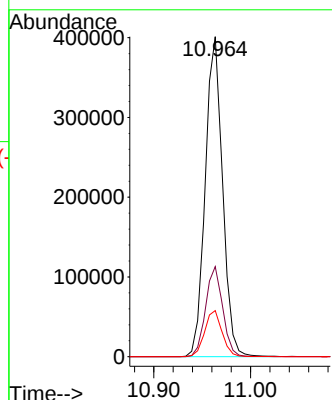
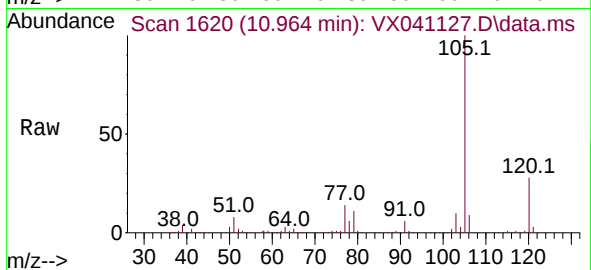
Tgt Ion:105 Resp: 500781

Ion Ratio Lower Upper

105 100

120 27.7 21.8 32.8

77 14.6 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 50.391 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

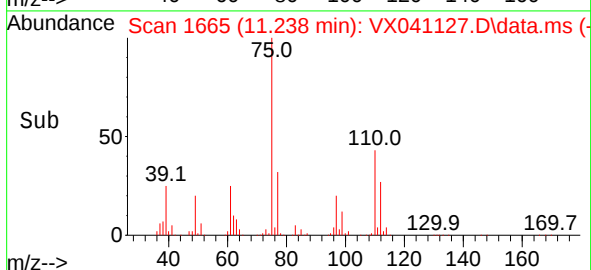
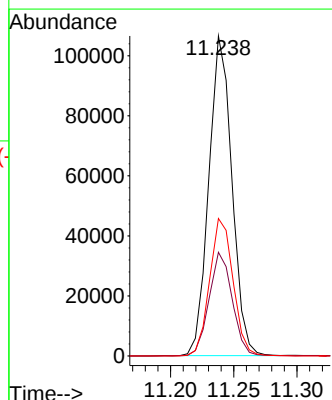
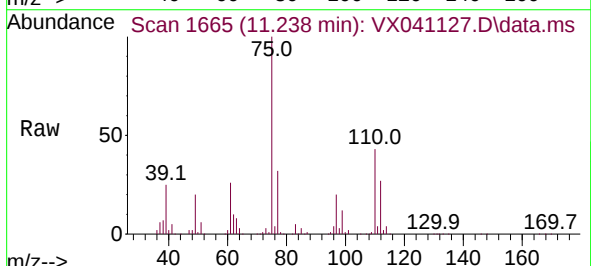
Tgt Ion: 75 Resp: 135349

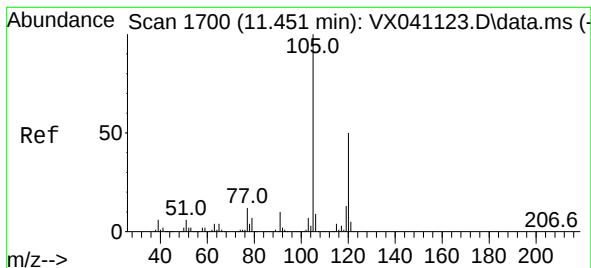
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

110 43.7 35.0 52.6





#62

1,3,5-Trimethylbenzene

Concen: 52.767 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

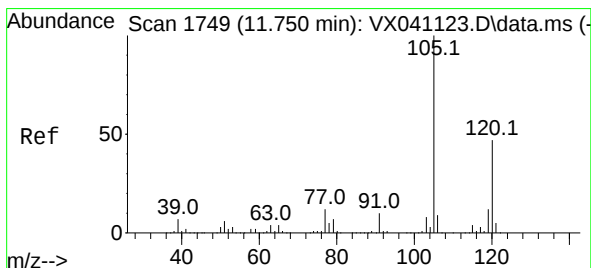
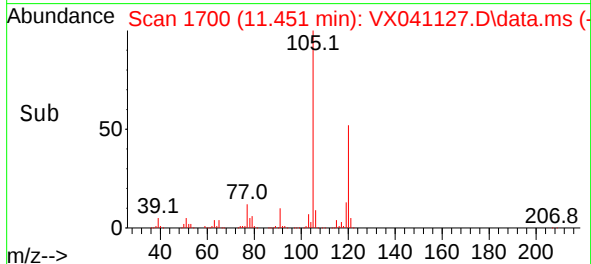
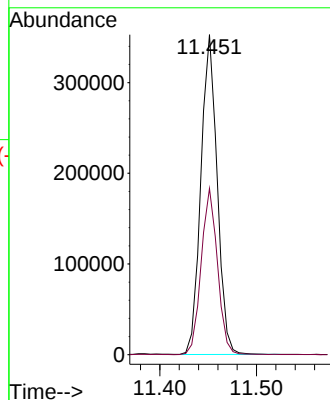
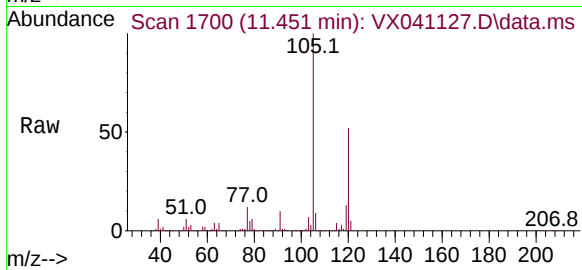
ClientSampleId :

Tgt Ion:105 Resp: 414036

Ion Ratio Lower Upper

105 100

120 51.9 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 53.324 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041127.D

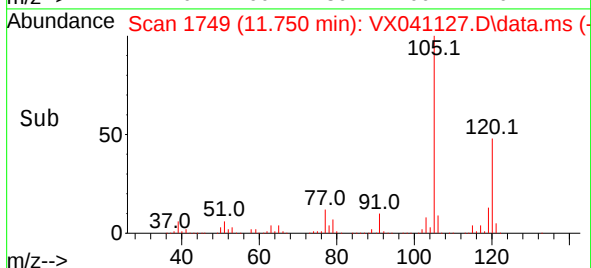
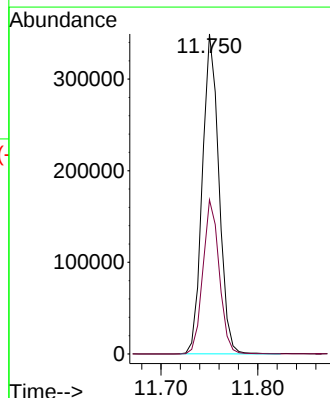
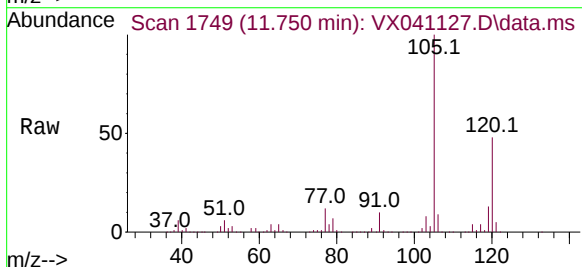
Acq: 17 Apr 2024 15:21

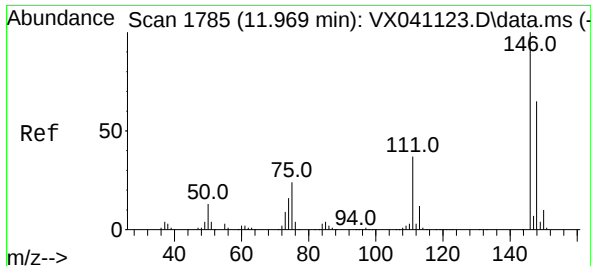
Tgt Ion:105 Resp: 416160

Ion Ratio Lower Upper

105 100

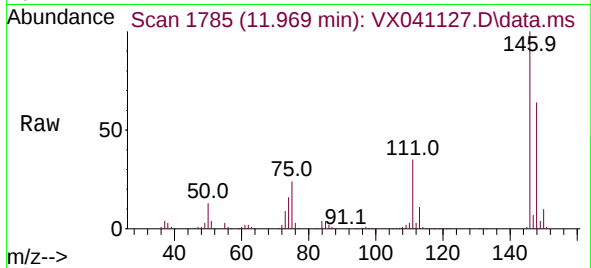
120 47.6 38.2 57.2



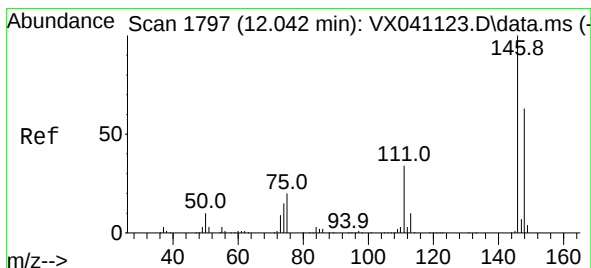
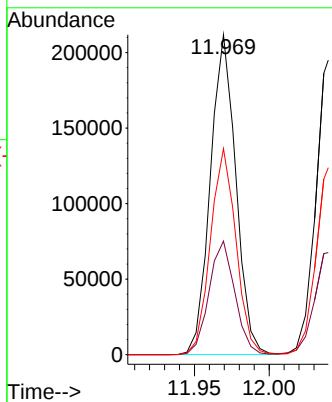
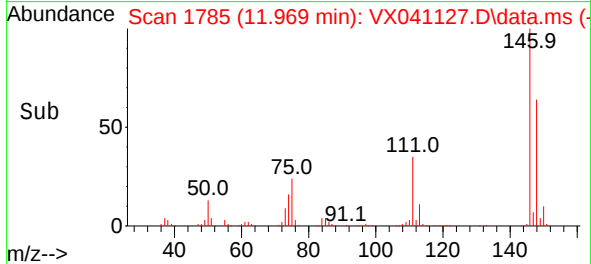


#64
1,3-Dichlorobenzene
Concen: 51.182 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21

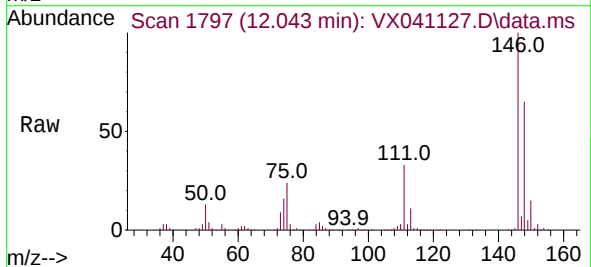
Instrument :
MSVOA_X
ClientSampleId :



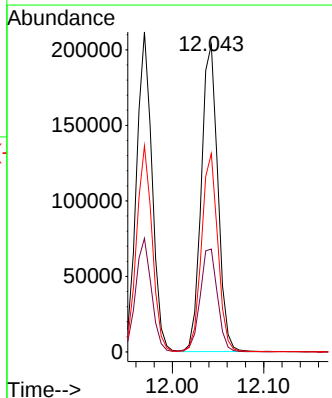
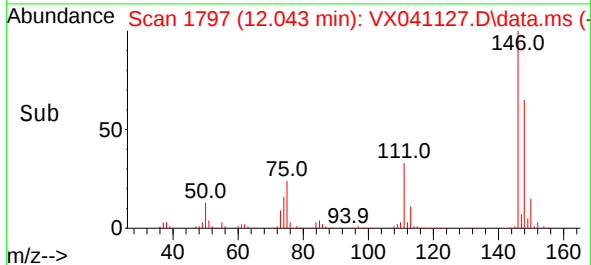
Tgt Ion:146 Resp: 250957
Ion Ratio Lower Upper
146 100
111 35.5 25.6 47.4
148 64.4 45.2 84.0

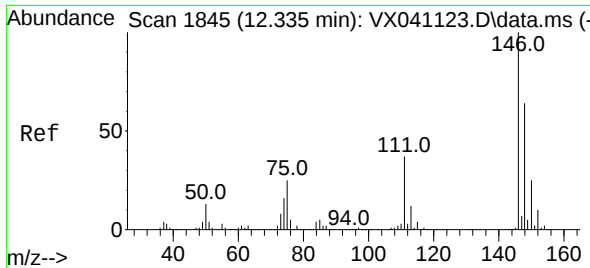


#65
1,4-Dichlorobenzene
Concen: 51.049 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041127.D
Acq: 17 Apr 2024 15:21



Tgt Ion:146 Resp: 255338
Ion Ratio Lower Upper
146 100
111 33.5 23.9 44.5
148 64.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 50.953 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

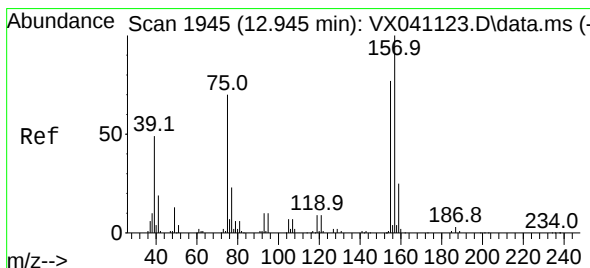
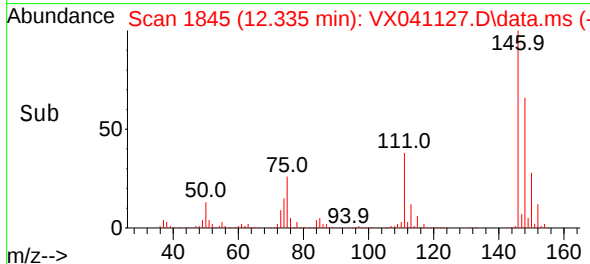
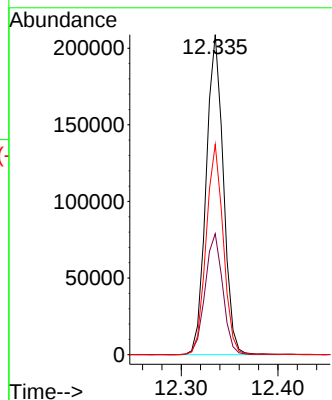
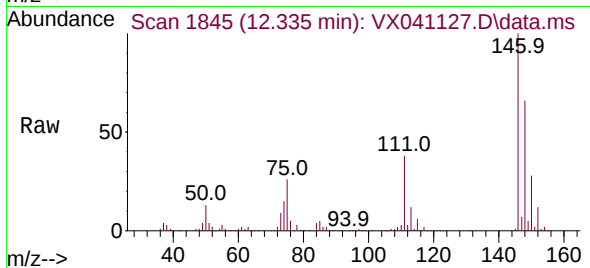
Tgt Ion:146 Resp: 259090

Ion Ratio Lower Upper

146 100

111 37.8 30.0 45.0

148 65.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.654 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

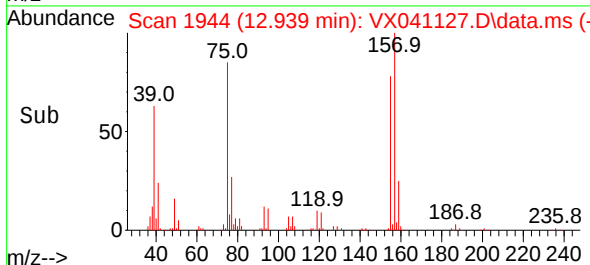
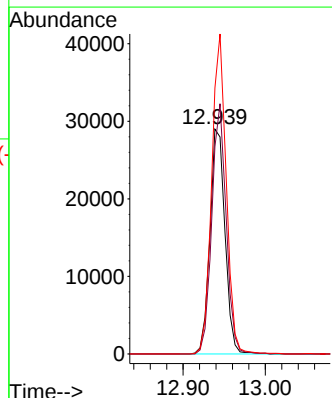
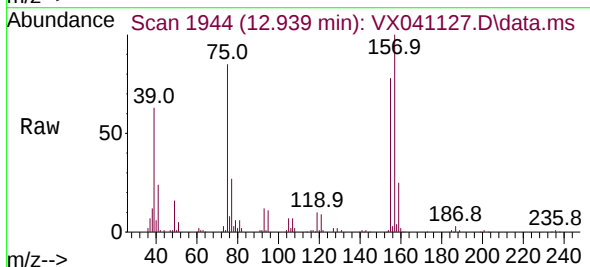
Tgt Ion: 75 Resp: 36776

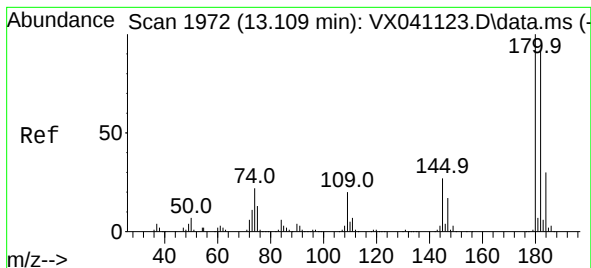
Ion Ratio Lower Upper

75 100

155 92.2 89.0 133.6

157 118.3 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 52.254 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

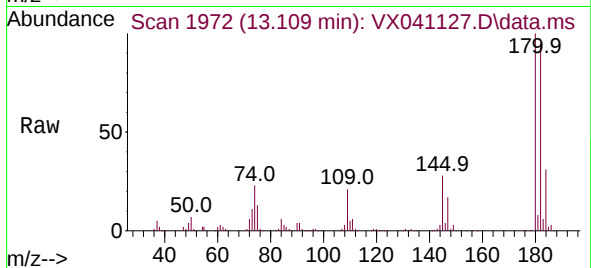
Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 199522

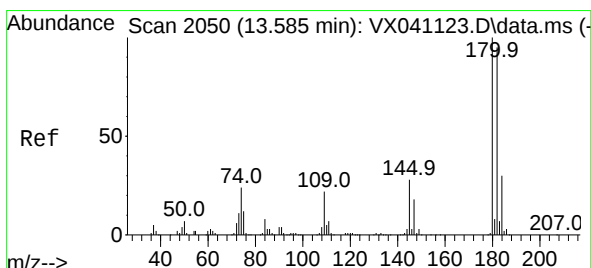
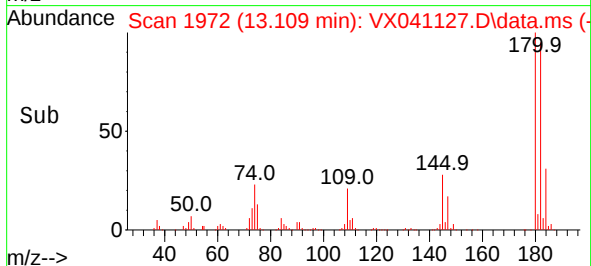
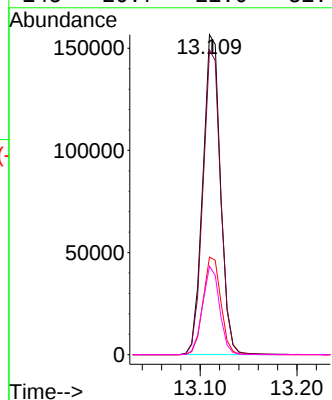
Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

184 30.7 24.3 36.5

145 26.7 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 52.182 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

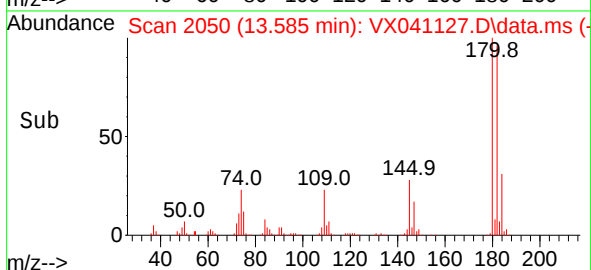
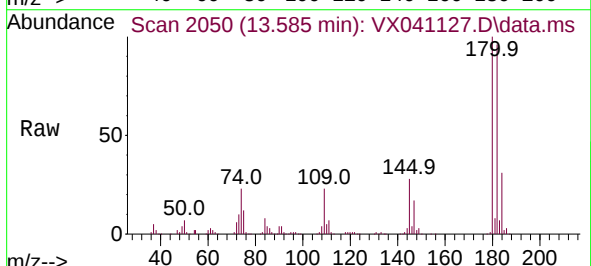
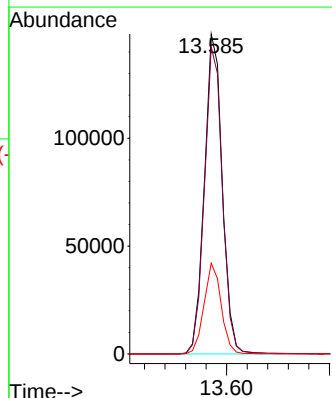
Tgt Ion:180 Resp: 179678

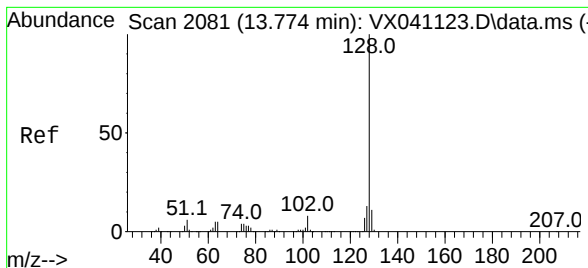
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

145 27.3 21.8 32.6





#71

Naphthalene

Concen: 54.600 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

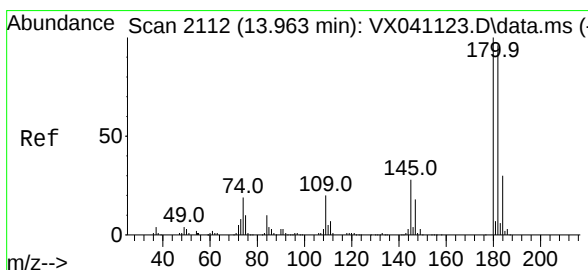
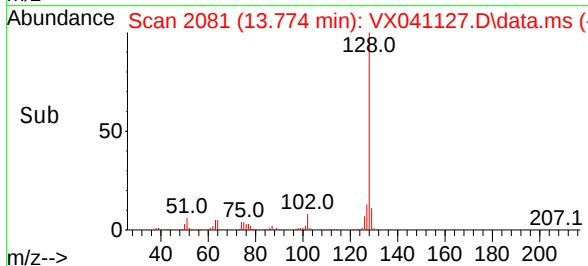
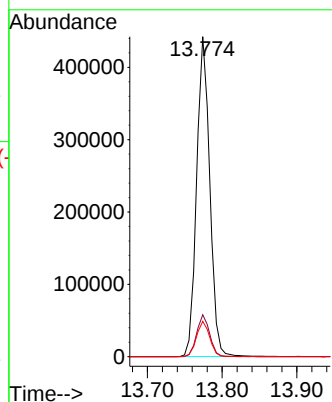
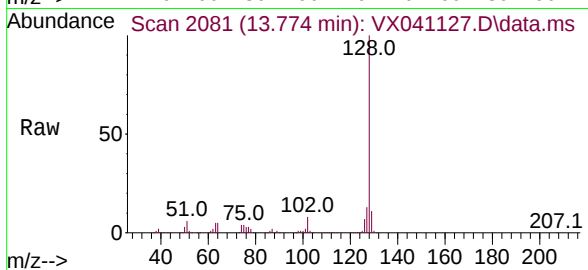
Tgt Ion:128 Resp: 539607

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.801 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX041127.D

Acq: 17 Apr 2024 15:21

Tgt Ion:180 Resp: 186208

Ion Ratio Lower Upper

180 100

182 96.1 76.5 114.7

145 29.4 23.1 34.7

