

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041147.D
 Acq On : 17 Apr 2024 23:47
 Operator : JC/MD
 Sample : P2039-02MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 02:26:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 02:15:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258516	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95194	51.461	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.920%
7) Chloroethane-d5	1.648	69	49493	53.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.520%
11) 1,1-Dichloroethene-d2	2.294	65	39991	50.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.920%
21) 2-Butanone-d5	4.471	46	137272	129.994	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.990%
24) Chloroform-d	5.056	84	197977	58.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.300%
26) 1,2-Dichloroethane-d4	5.958	65	124528	57.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.120%
32) Benzene-d6	5.970	84	383485	56.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.560%
36) 1,2-Dichloropropane-d6	7.306	67	115427	58.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.060%
41) Toluene-d8	8.647	98	345580	54.068	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.140%
43) trans-1,3-Dichloroprop...	8.952	79	50446	57.177	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.360%
47) 2-Hexanone-d5	9.391	63	102477	127.982	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	177247	61.599	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	12.317	152	150978	57.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76178	47.094	ug/L	98
3) Chloromethane	1.301	50	91168	58.877	ug/L	99
5) Vinyl chloride	1.374	62	92815	55.632	ug/L	98
6) Bromomethane	1.599	94	48216	55.151	ug/L	97
8) Chloroethane	1.666	64	32186	49.207	ug/L	98
9) Trichlorofluoromethane	1.861	101	123479	49.358	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	75652	44.645	ug/L	98
12) 1,1-Dichloroethene	2.307	96	78358	54.126	ug/L	95
13) Acetone	2.398	43	92472	109.174	ug/L	99
14) Carbon disulfide	2.502	76	139508	47.467	ug/L	99
15) Methyl Acetate	2.709	43	110572	61.455	ug/L	98
16) Methylene chloride	2.788	84	98445	60.603	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	80908	55.307	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	305649	60.691	ug/L	100
19) 1,1-Dichloroethane	3.605	63	162824	58.413	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	102298	58.659	ug/L	98
22) 2-Butanone	4.574	43	148034	116.652	ug/L	95
23) Bromochloromethane	4.898	128	54409	59.924	ug/L	98
25) Chloroform	5.093	83	178055	59.458	ug/L	98

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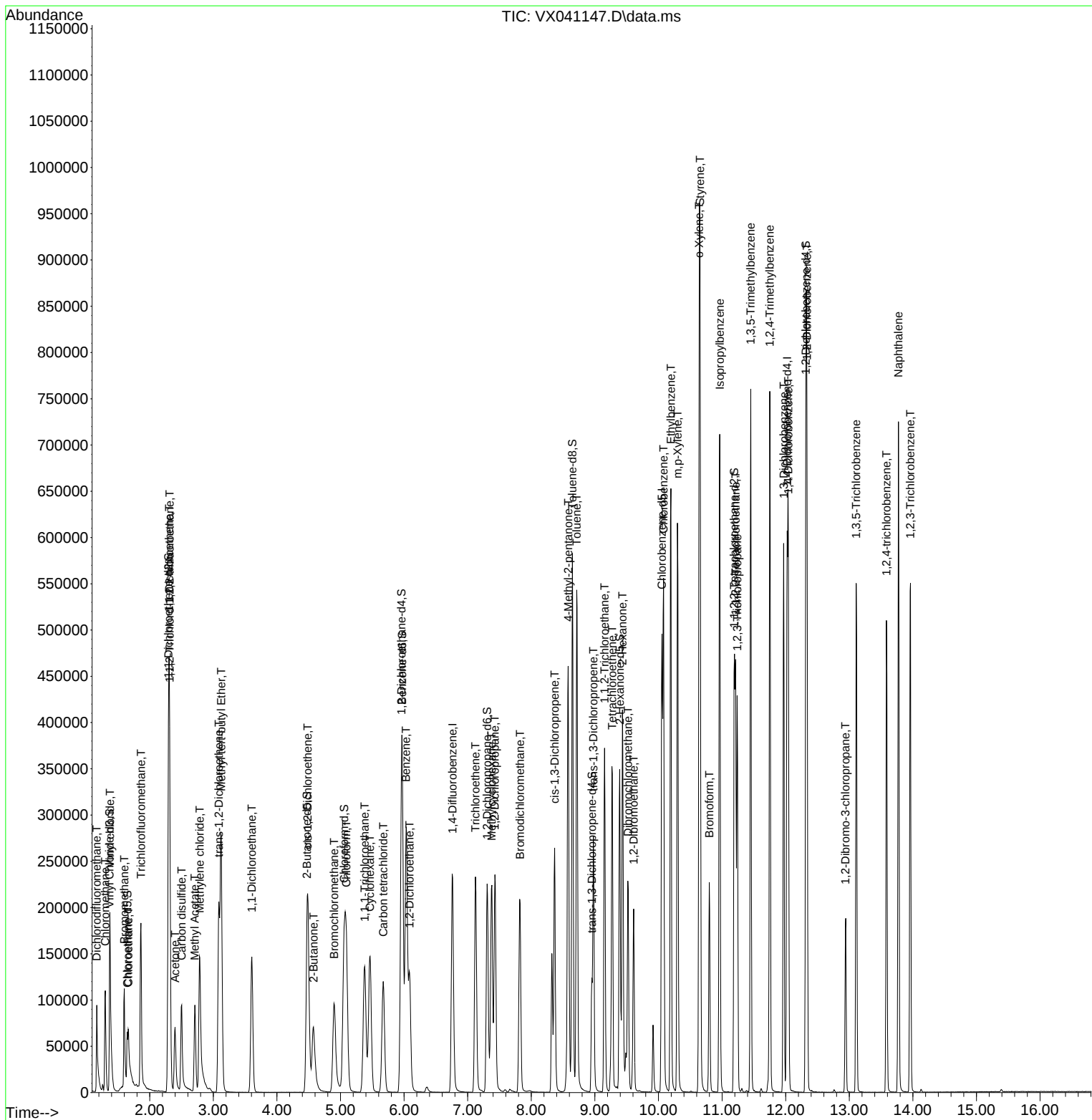
Instrument :
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 ClientSampleId :

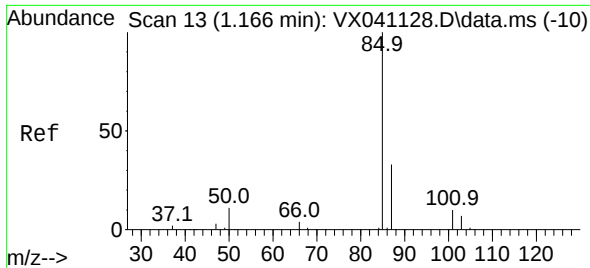
Quant Time: Apr 18 02:26:51 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 02:15:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	141027	59.675	ug/L	98
29) Cyclohexane	5.464	56	101168	42.515	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	140491	54.746	ug/L	99
31) Carbon tetrachloride	5.672	117	112857	51.155	ug/L	99
33) Benzene	6.031	78	355438	57.612	ug/L	100
34) Trichloroethene	7.123	95	89224	53.425	ug/L	99
35) Methylcyclohexane	7.379	83	104947	41.345	ug/L	99
37) 1,2-Dichloropropane	7.428	63	95001	59.381	ug/L	100
38) Bromodichloromethane	7.824	83	120053	58.706	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	135171	55.481	ug/L	95
40) 4-Methyl-2-pentanone	8.580	43	308358	129.697	ug/L	99
42) Toluene	8.714	91	372736	56.021	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	128467	57.871	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	103876	60.242	ug/L	97
46) Tetrachloroethene	9.275	164	77262	48.318	ug/L	97
48) 2-Hexanone	9.433	43	215377	116.645	ug/L	94
49) Dibromochloromethane	9.519	129	103974	59.361	ug/L	99
50) 1,2-Dibromoethane	9.610	107	109462	60.948	ug/L	99
51) Chlorobenzene	10.079	112	254743	54.931	ug/L	100
52) Ethylbenzene	10.195	91	388140	52.358	ug/L	99
53) m,p-Xylene	10.299	106	156200	53.225	ug/L	98
54) o-Xylene	10.640	106	160537	54.621	ug/L	98
55) Styrene	10.653	104	272698	55.756	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	168397	61.166	ug/L	99
59) Bromoform	10.799	173	87433	63.160	ug/L	99
60) Isopropylbenzene	10.963	105	387856	53.650	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	129404	64.039	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	321090	54.394	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	326397	55.592	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	203576	55.189	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	206982	55.006	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	222176	58.079	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	34137	66.202	ug/L	80
69) 1,3,5-Trichlorobenzene	13.109	180	150791	52.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	137404	53.043	ug/L	99
71) Naphthalene	13.774	128	452472	60.857	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	151135	55.887	ug/L	99

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

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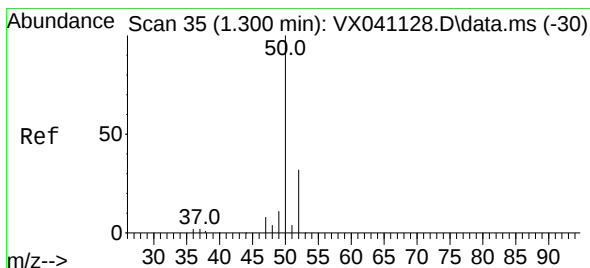
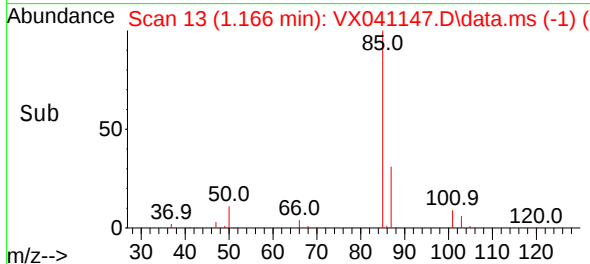
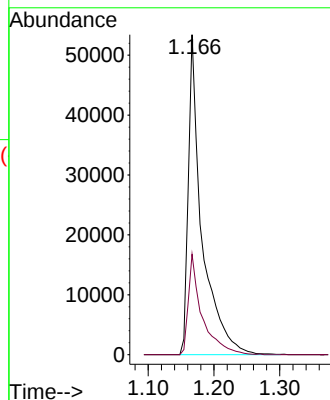
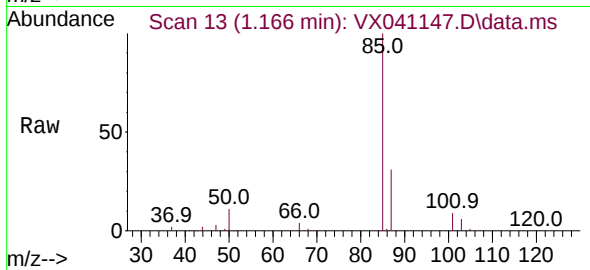




#2
Dichlorodifluoromethane
Concen: 47.094 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

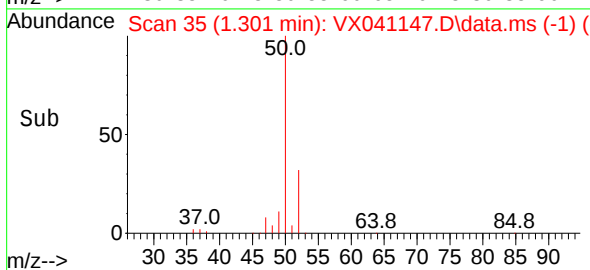
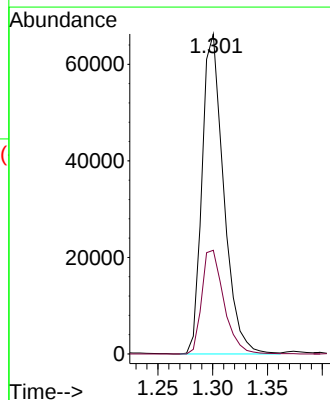
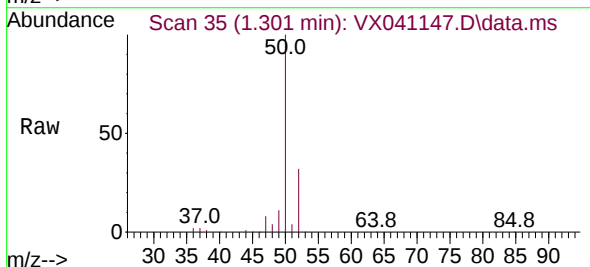
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MSVOA_X
ClientSampleId :

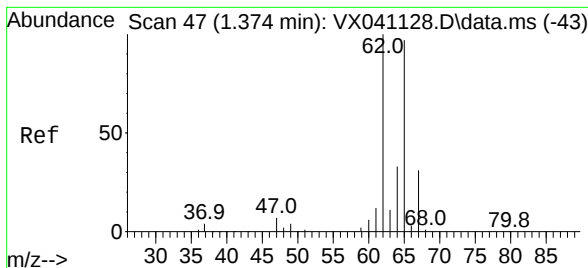
Tgt Ion: 85 Resp: 76178
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.2



#3
Chloromethane
Concen: 58.877 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

Tgt Ion: 50 Resp: 91168
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2

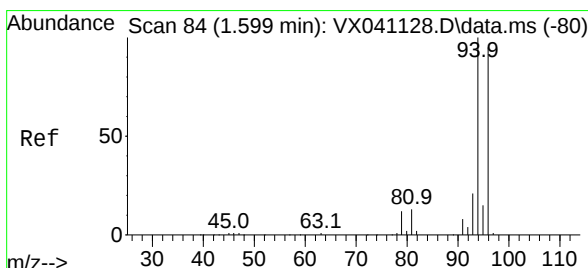
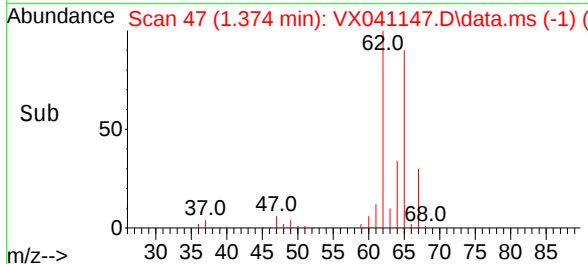
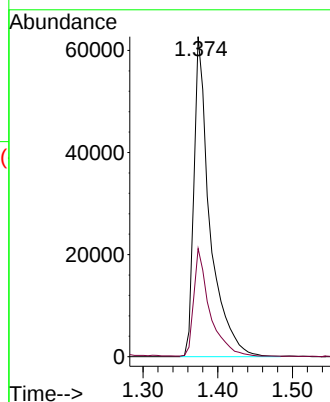
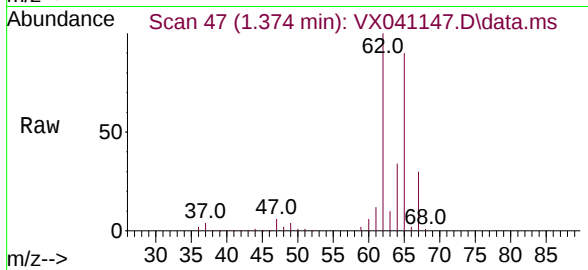




#5
 Vinyl chloride
 Concen: 55.632 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041147.D
 Acq: 17 Apr 2024 23:47

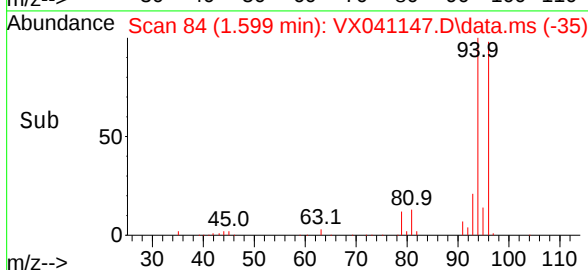
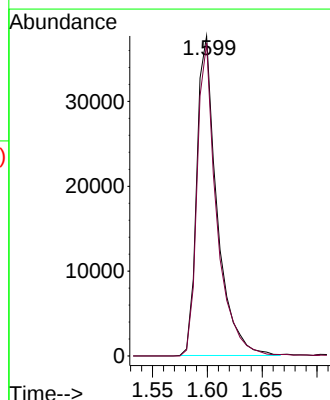
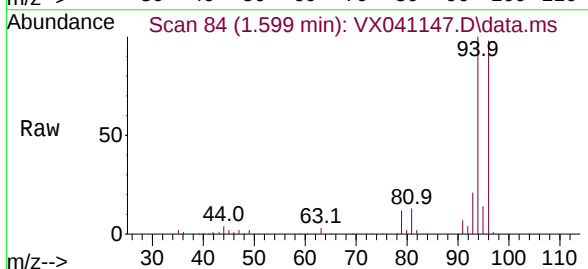
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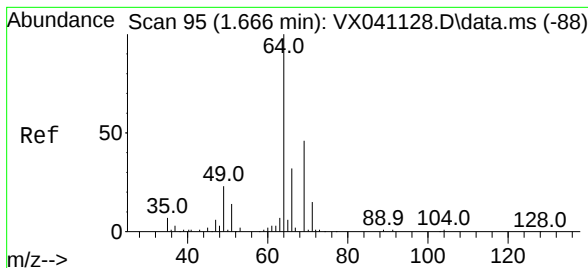
Tgt Ion: 62 Resp: 92815
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.8



#6
 Bromomethane
 Concen: 55.151 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041147.D
 Acq: 17 Apr 2024 23:47

Tgt Ion: 94 Resp: 48216
 Ion Ratio Lower Upper
 94 100
 96 97.7 66.5 123.5





#8

Chloroethane

Concen: 49.207 ug/L

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

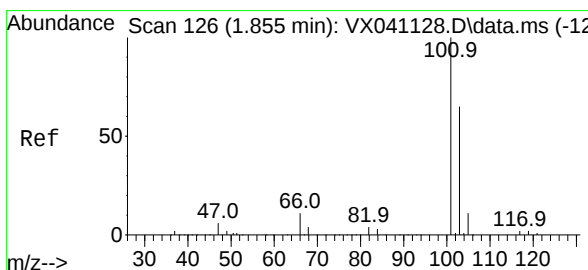
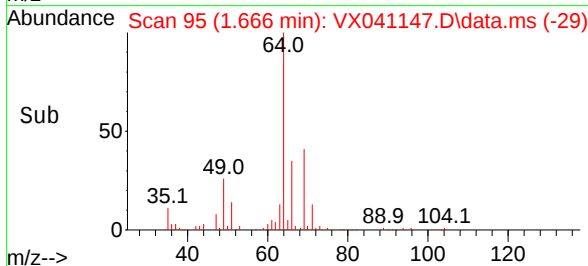
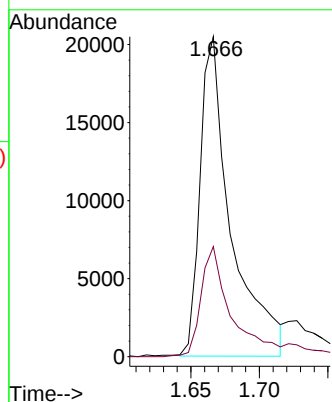
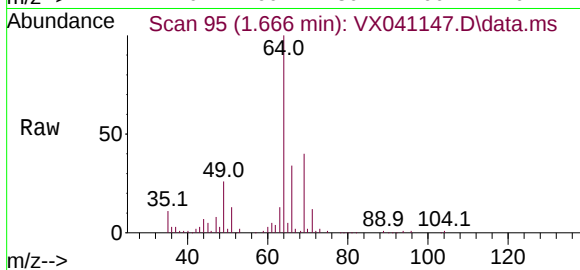
ClientSampleId :

Tgt Ion: 64 Resp: 32186

Ion Ratio Lower Upper

64 100

66 34.4 24.7 45.9



#9

Trichlorofluoromethane

Concen: 49.358 ug/L

RT: 1.861 min Scan# 127

Delta R.T. 0.006 min

Lab File: VX041147.D

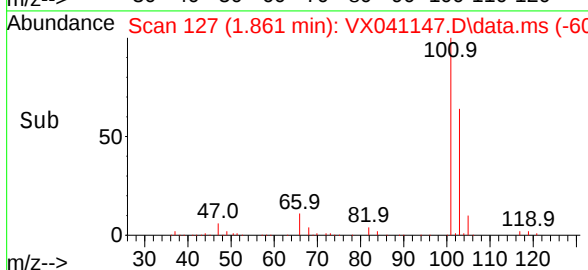
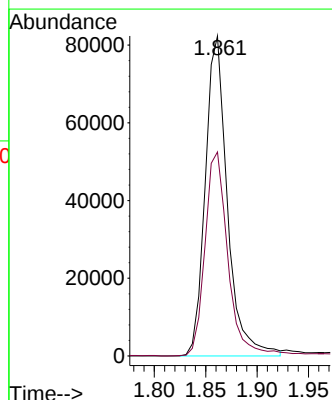
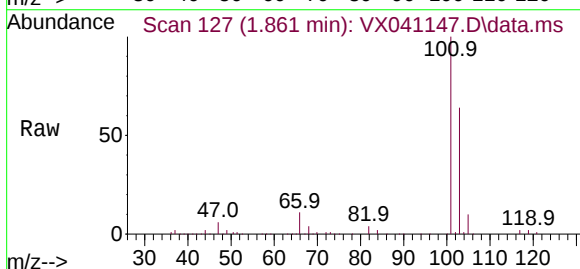
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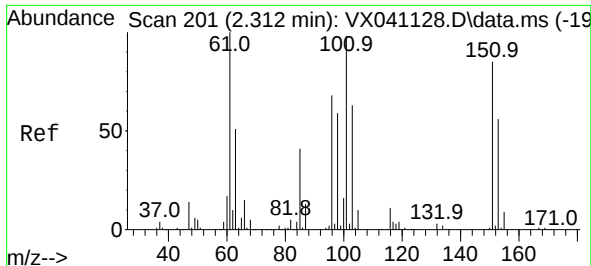
Tgt Ion:101 Resp: 123479

Ion Ratio Lower Upper

101 100

103 65.9 52.6 78.8

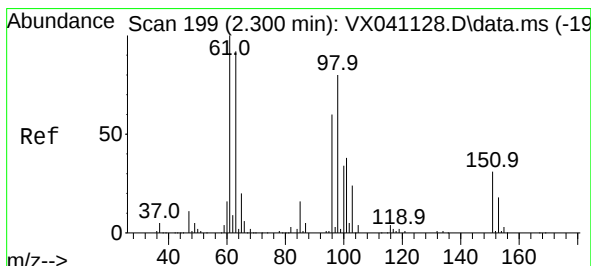
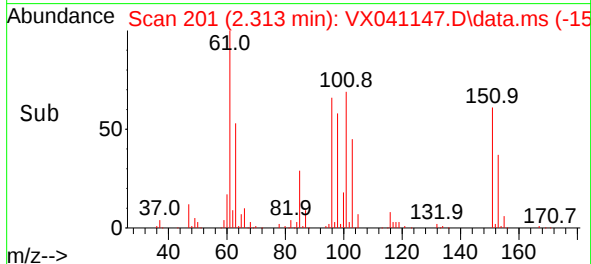
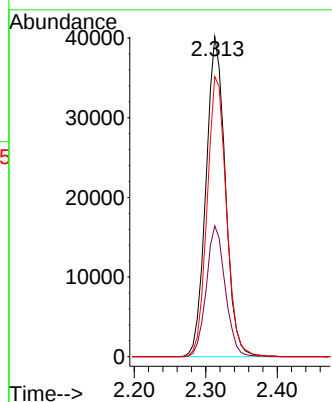
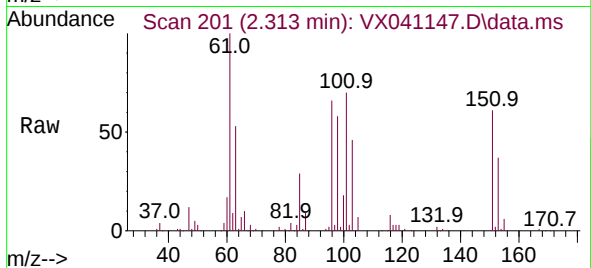




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.645 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX041147.D
 Acq: 17 Apr 2024 23:47

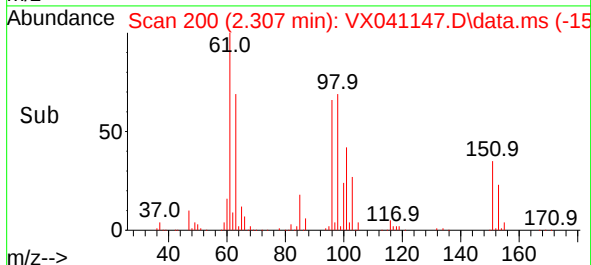
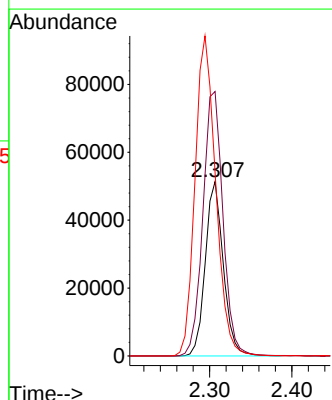
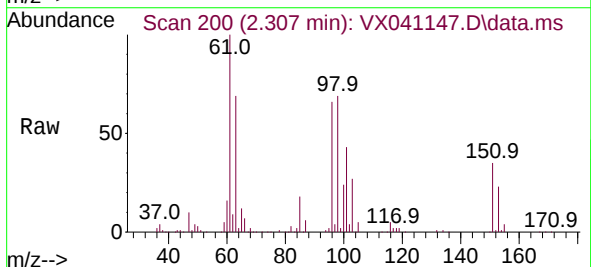
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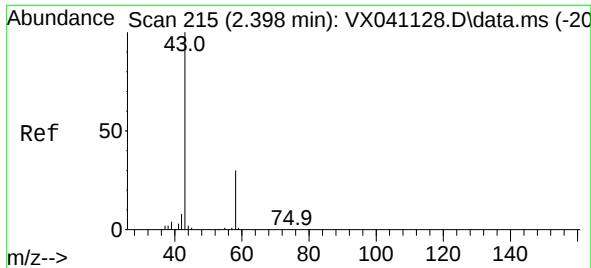
Tgt Ion:101 Resp: 75652
 Ion Ratio Lower Upper
 101 100
 85 39.9 33.4 50.2
 151 86.6 70.5 105.7



#12
 1,1-Dichloroethene
 Concen: 54.126 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. 0.006 min
 Lab File: VX041147.D
 Acq: 17 Apr 2024 23:47

Tgt Ion: 96 Resp: 78358
 Ion Ratio Lower Upper
 96 100
 61 151.6 110.3 204.9
 63 105.1 77.4 143.8

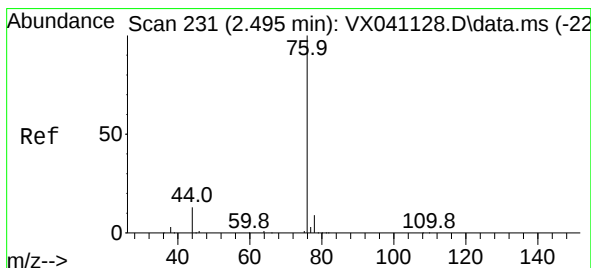
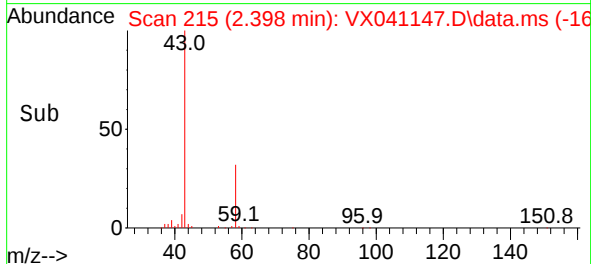
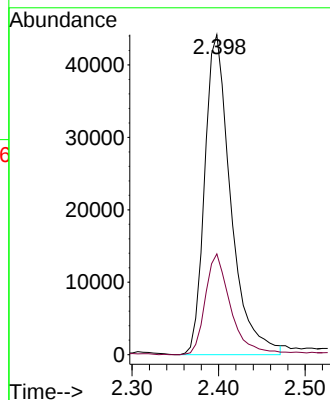
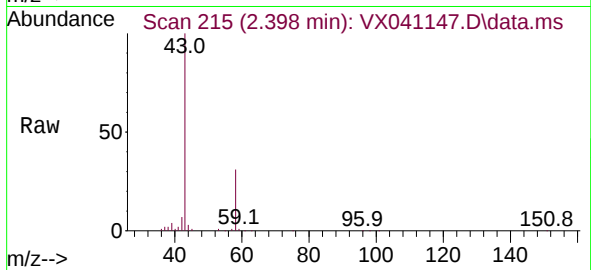




#13
Acetone
Concen: 109.174 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

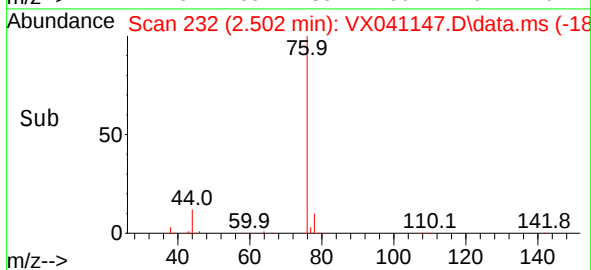
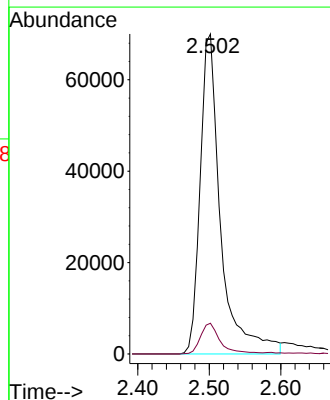
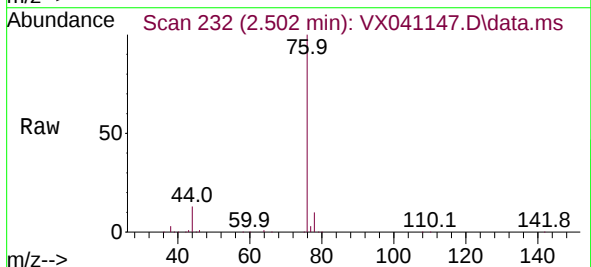
Instrument :
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ClientSampleId :

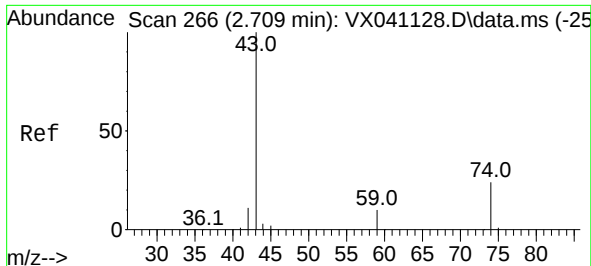
Tgt Ion: 43 Resp: 92472
Ion Ratio Lower Upper
43 100
58 30.8 0.0 62.4



#14
Carbon disulfide
Concen: 47.467 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.006 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

Tgt Ion: 76 Resp: 139508
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2





#15

Methyl Acetate

Concen: 61.455 ug/L

RT: 2.709 min Scan# 210

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

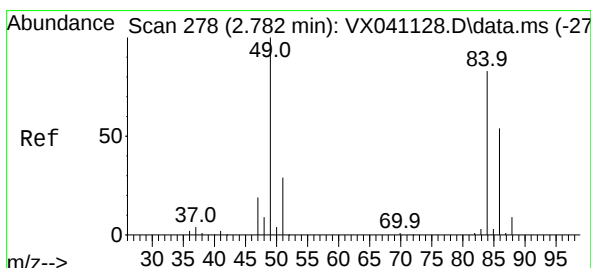
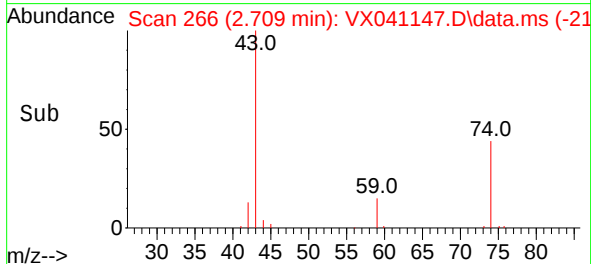
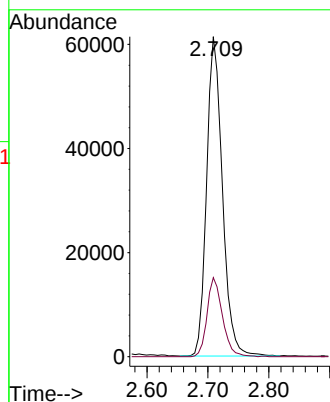
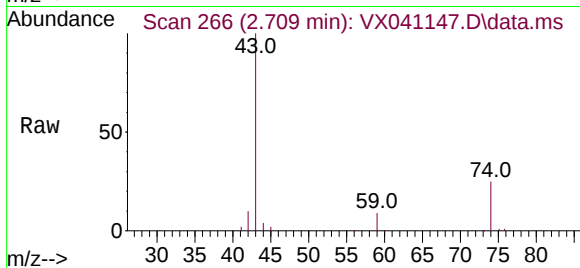
ClientSampleId :

Tgt Ion: 43 Resp: 110572

Ion Ratio Lower Upper

43 100

74 24.1 19.9 29.9



#16

Methylene chloride

Concen: 60.603 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

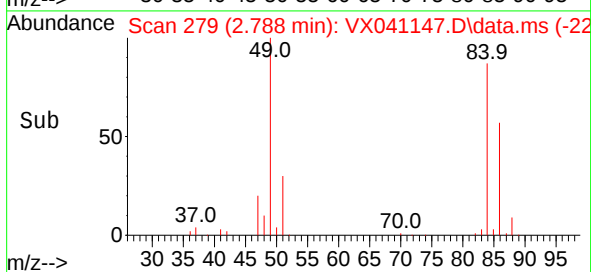
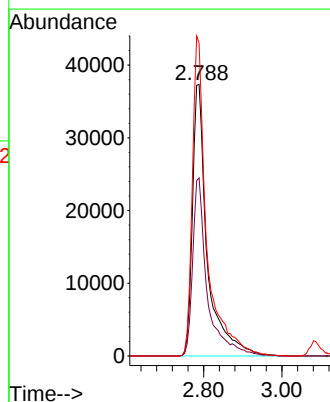
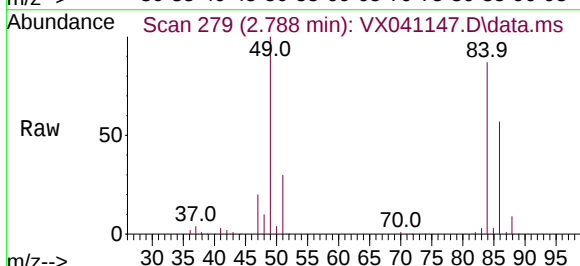
Tgt Ion: 84 Resp: 98445

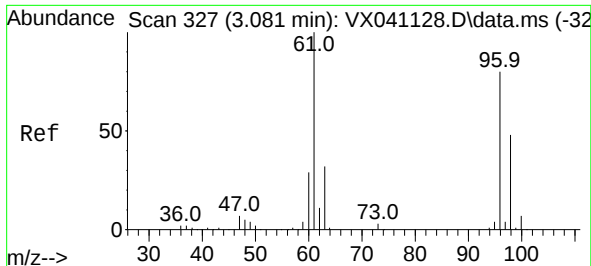
Ion Ratio Lower Upper

84 100

86 65.6 44.7 83.1

49 115.2 80.6 149.8





#17

trans-1,2-Dichloroethene

Concen: 55.307 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

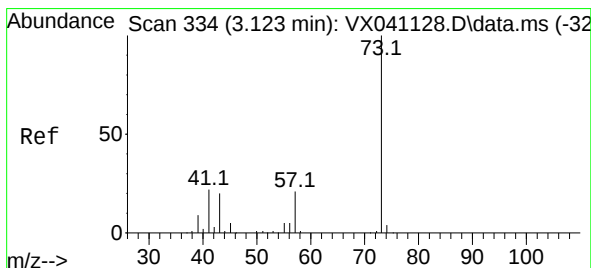
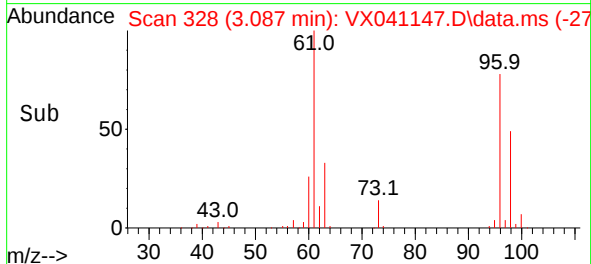
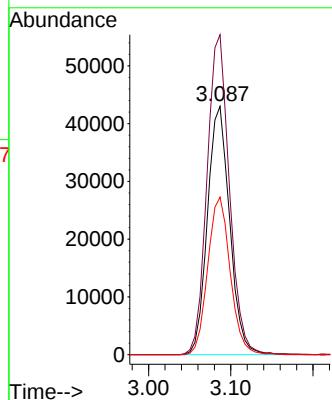
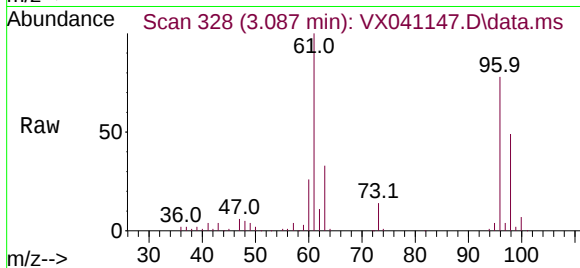
Tgt Ion: 96 Resp: 80908

Ion Ratio Lower Upper

96 100

61 128.8 89.6 166.4

98 63.4 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 60.691 ug/L

RT: 3.123 min Scan# 334

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

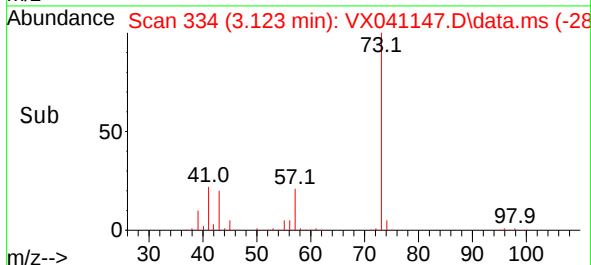
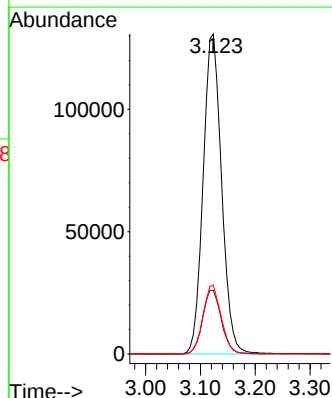
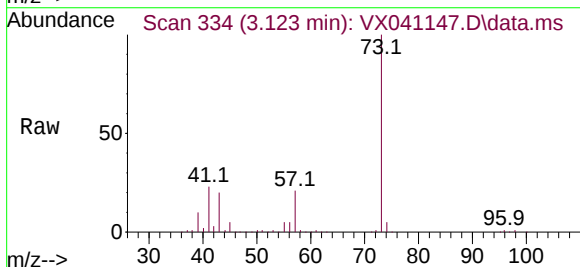
Tgt Ion: 73 Resp: 305649

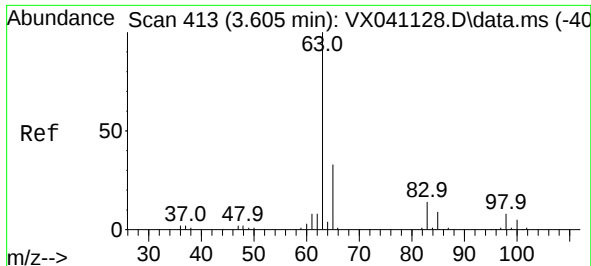
Ion Ratio Lower Upper

73 100

43 20.2 16.1 24.1

57 21.3 17.0 25.4





#19

1,1-Dichloroethane

Concen: 58.413 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

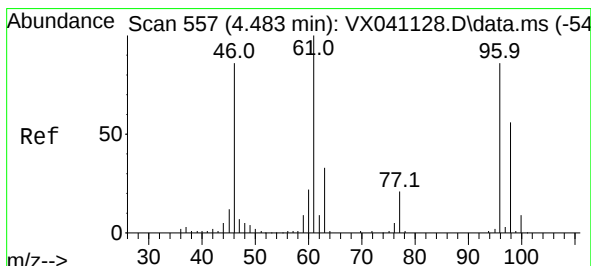
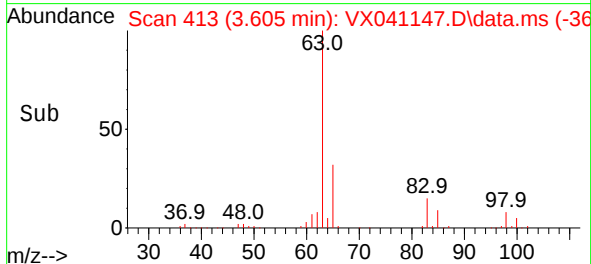
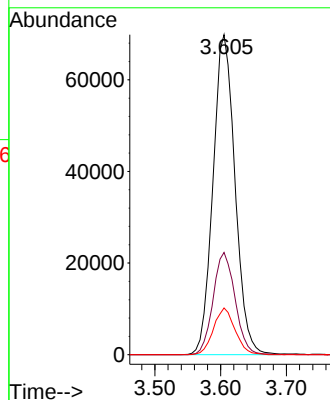
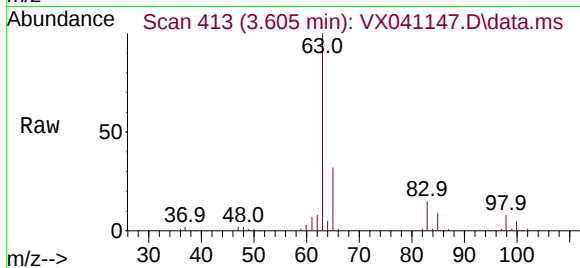
Tgt Ion: 63 Resp: 162824

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.3

83 14.6 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 58.659 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

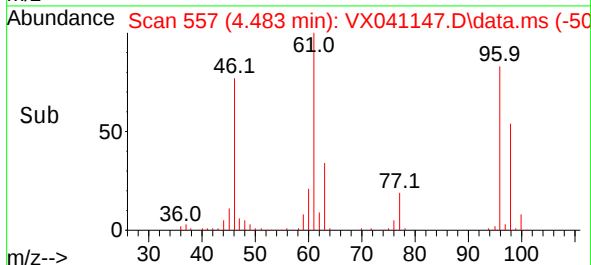
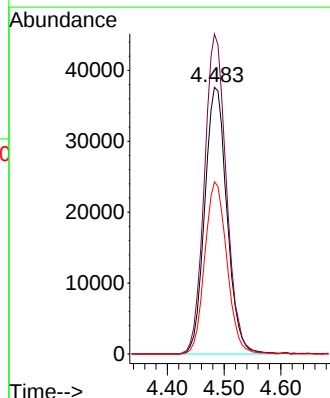
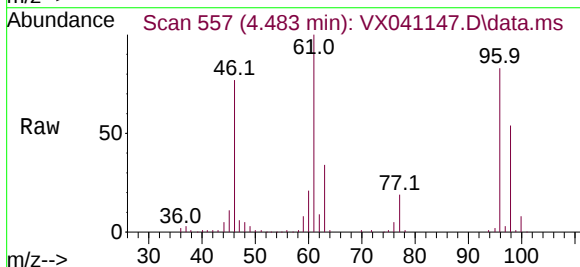
Tgt Ion: 96 Resp: 102298

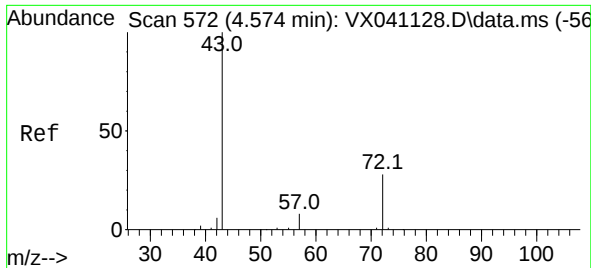
Ion Ratio Lower Upper

96 100

61 120.0 86.5 160.7

98 64.5 45.4 84.2

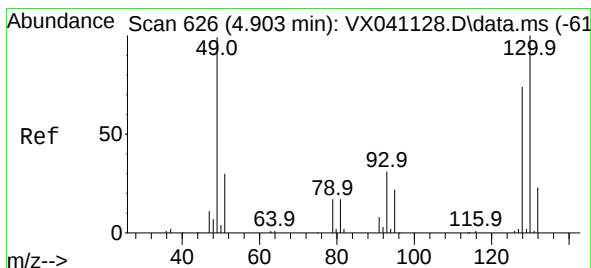
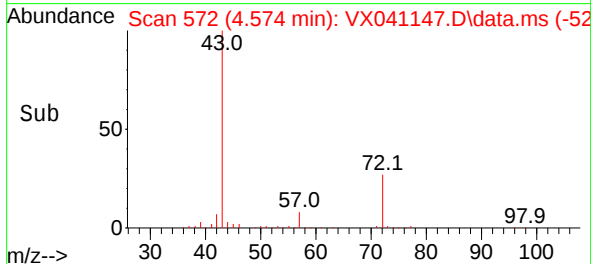
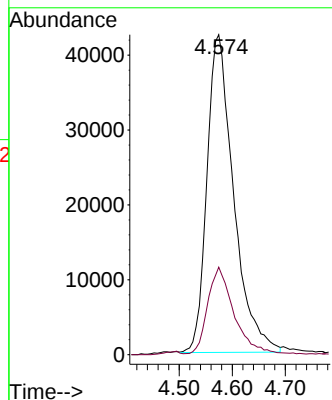
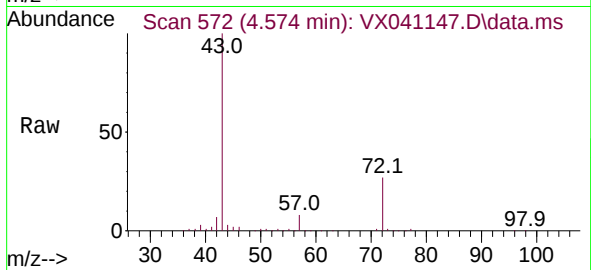




#22
2-Butanone
Concen: 116.652 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

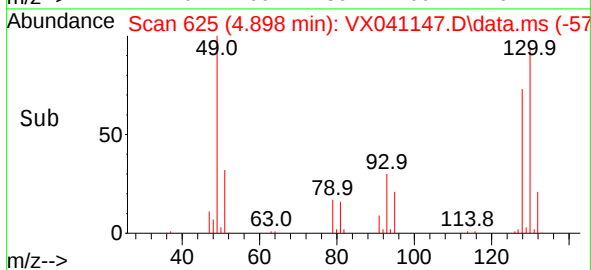
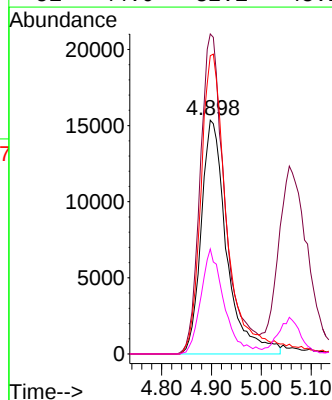
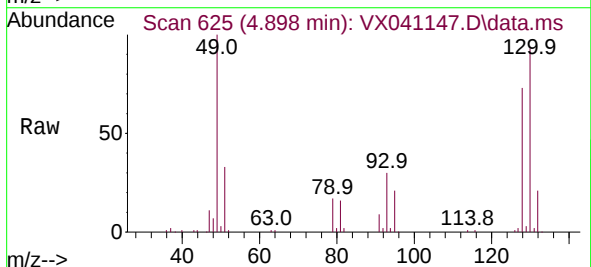
Instrument :
MSVOA_X
ClientSampleId :

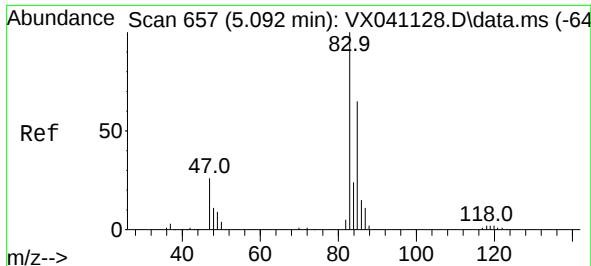
Tgt Ion: 43 Resp: 148034
Ion Ratio Lower Upper
43 100
72 27.5 12.5 37.5



#23
Bromochloromethane
Concen: 59.924 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

Tgt Ion: 128 Resp: 54409
Ion Ratio Lower Upper
128 100
49 136.9 97.2 180.6
130 127.6 90.6 168.2
51 44.9 32.1 48.1





#25

Chloroform

Concen: 59.458 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

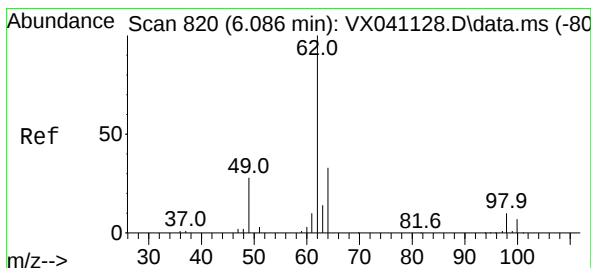
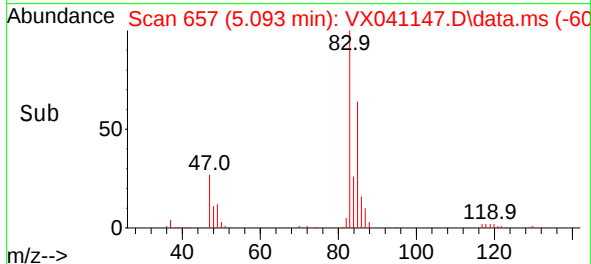
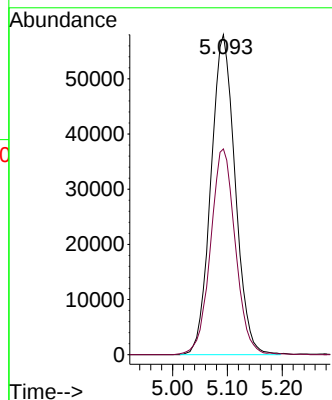
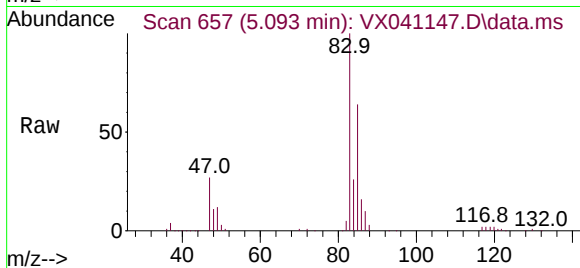
ClientSampleId :

Tgt Ion: 83 Resp: 178055

Ion Ratio Lower Upper

83 100

85 64.3 45.9 85.3



#27

1,2-Dichloroethane

Concen: 59.675 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041147.D

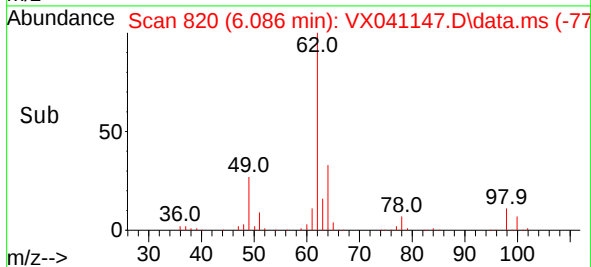
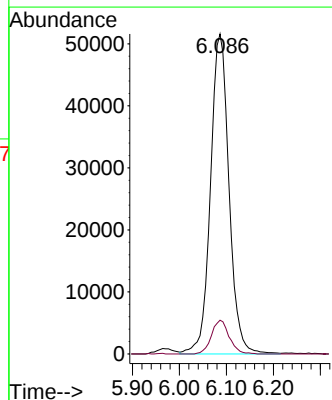
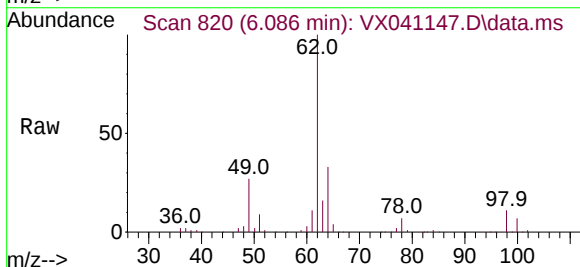
Acq: 17 Apr 2024 23:47

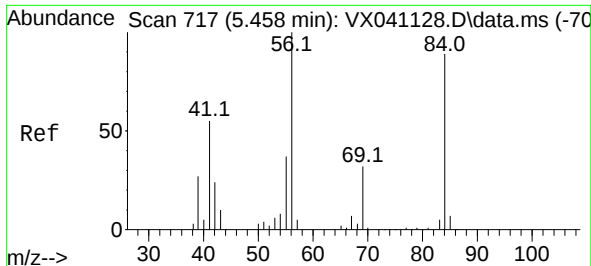
Tgt Ion: 62 Resp: 141027

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9





#29

Cyclohexane

Concen: 42.515 ug/L

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

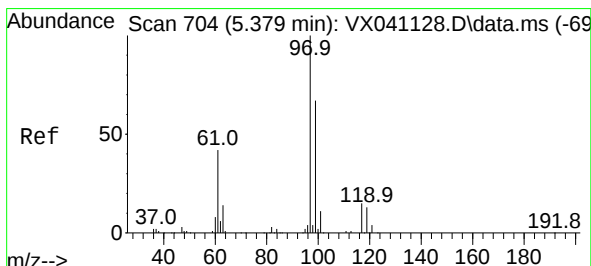
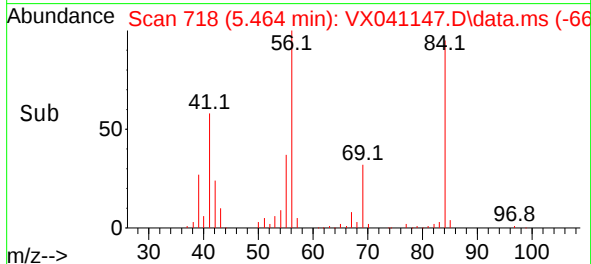
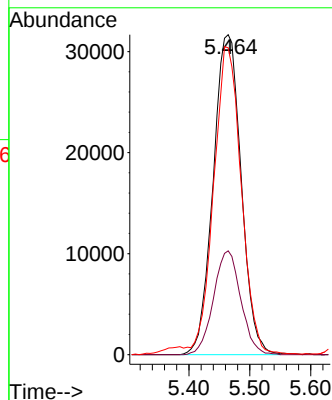
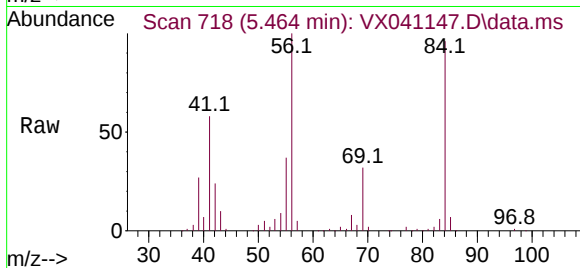
Tgt Ion: 56 Resp: 101168

Ion Ratio Lower Upper

56 100

69 31.5 25.1 37.7

84 93.4 75.0 112.6



#30

1,1,1-Trichloroethane

Concen: 54.746 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

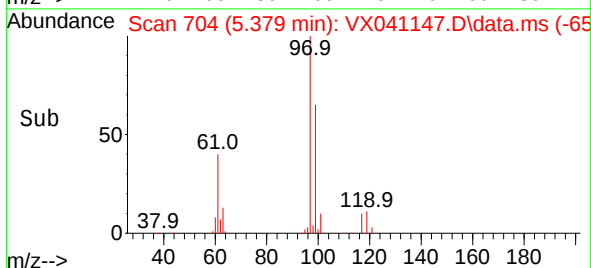
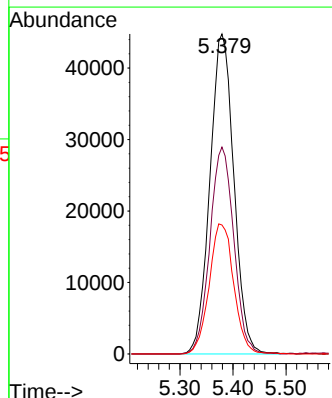
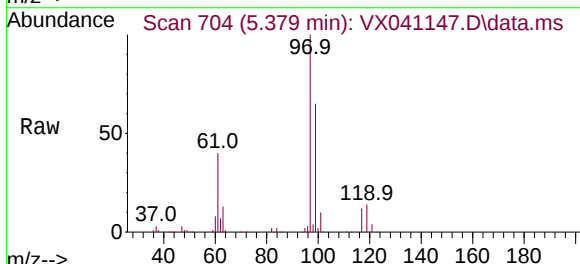
Tgt Ion: 97 Resp: 140491

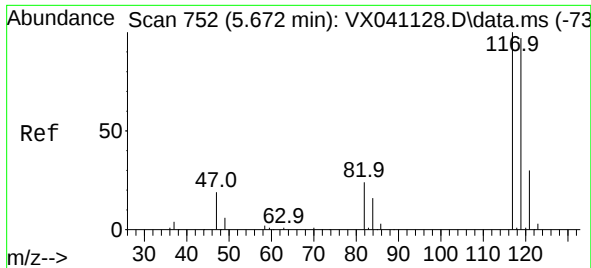
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

61 41.6 33.9 50.9

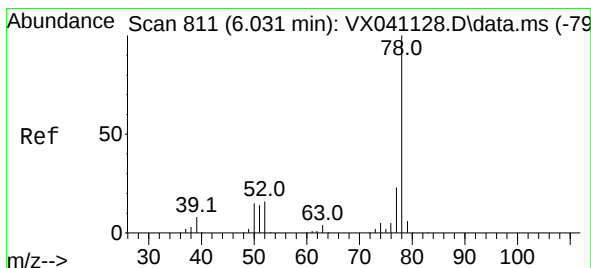
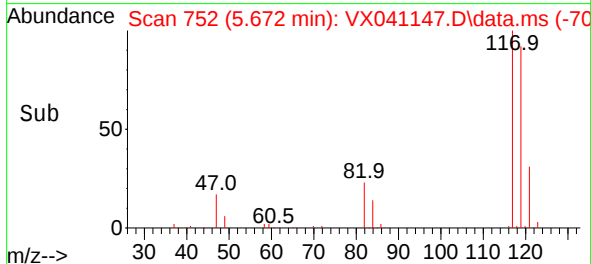
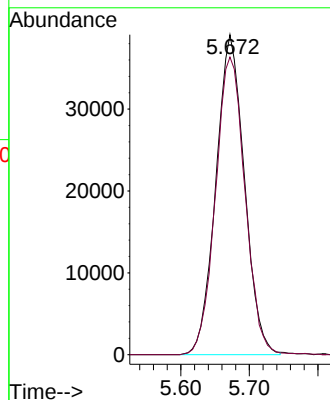
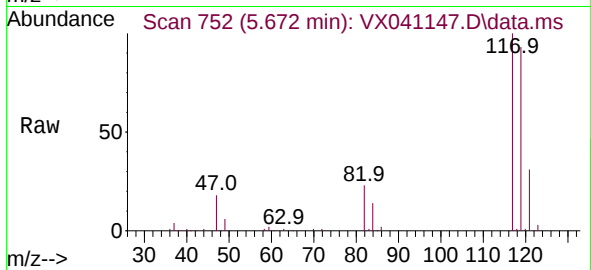




#31
Carbon tetrachloride
Concen: 51.155 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

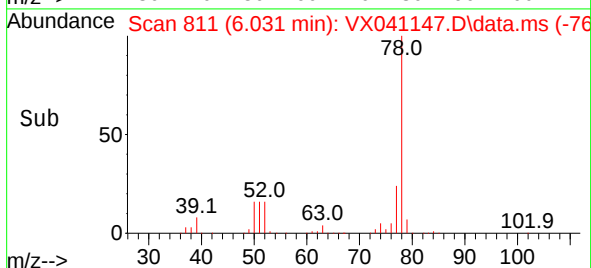
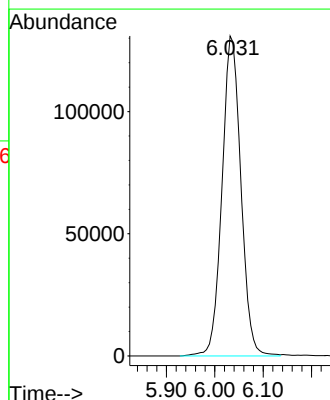
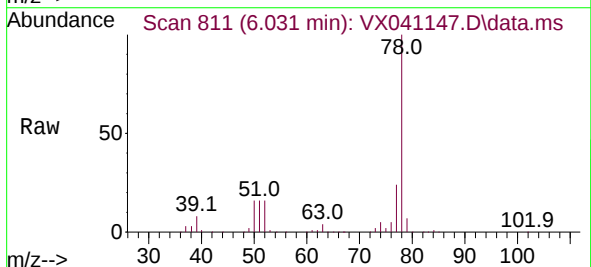
Instrument :
MSVOA_X
ClientSampleId :

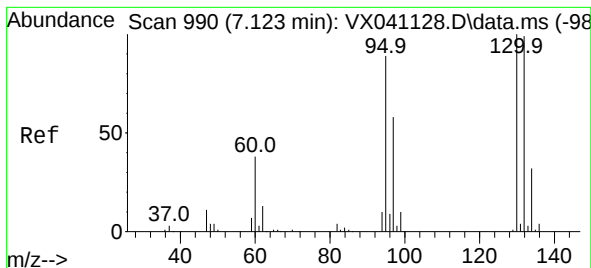
Tgt Ion:117 Resp: 112857
Ion Ratio Lower Upper
117 100
119 96.2 78.1 117.1



#33
Benzene
Concen: 57.612 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

Tgt Ion: 78 Resp: 355438





#34

Trichloroethene

Concen: 53.425 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 89224

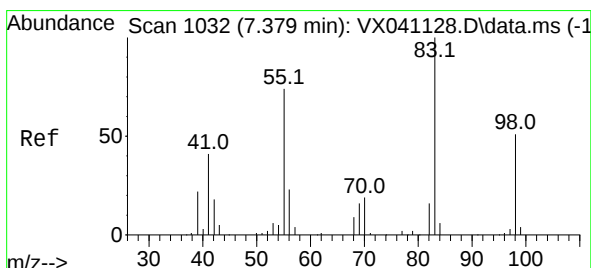
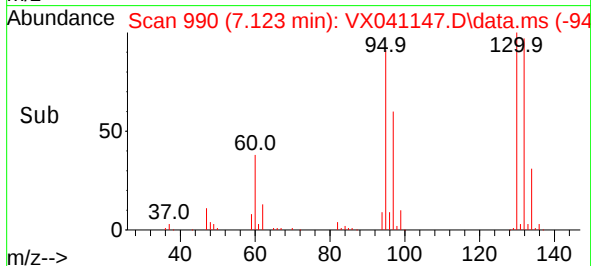
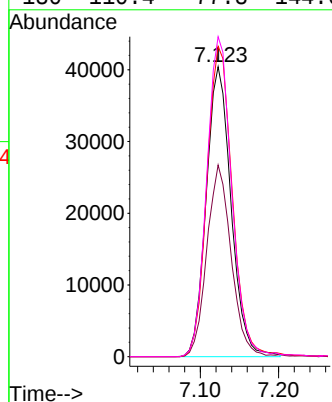
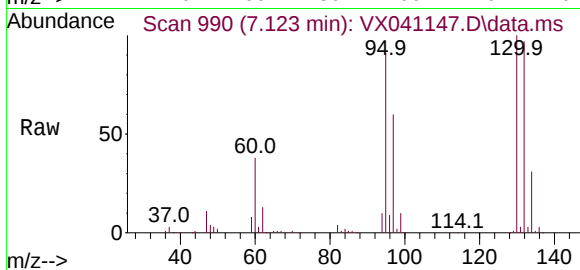
Ion Ratio Lower Upper

95 100

97 66.1 44.1 81.9

132 107.1 74.6 138.6

130 110.4 77.8 144.6



#35

Methylcyclohexane

Concen: 41.345 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

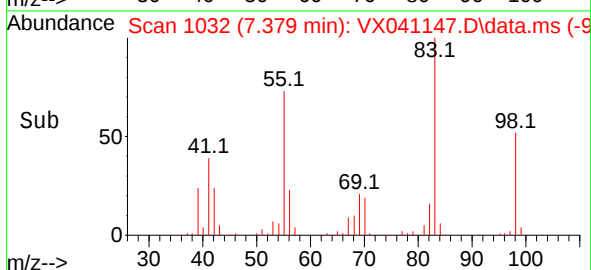
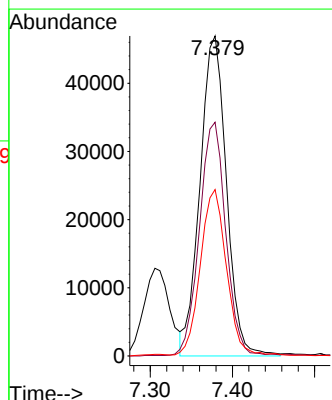
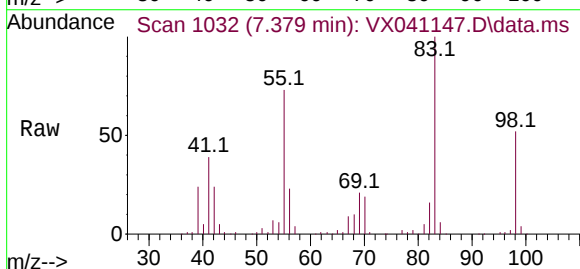
Tgt Ion: 83 Resp: 104947

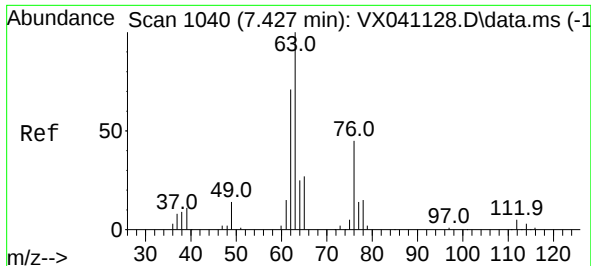
Ion Ratio Lower Upper

83 100

55 72.3 58.7 88.1

98 51.3 40.5 60.7

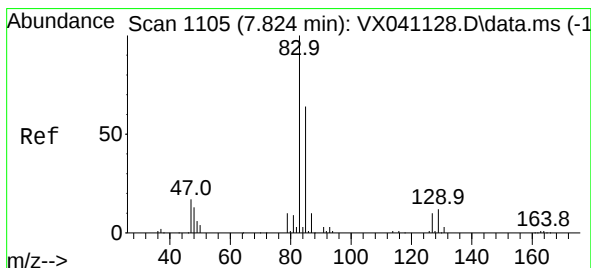
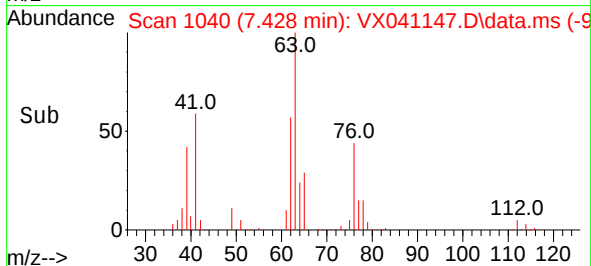
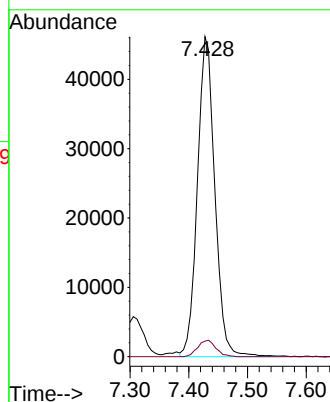
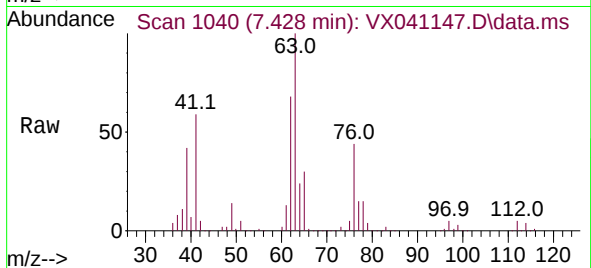




#37
1,2-Dichloropropane
Concen: 59.381 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

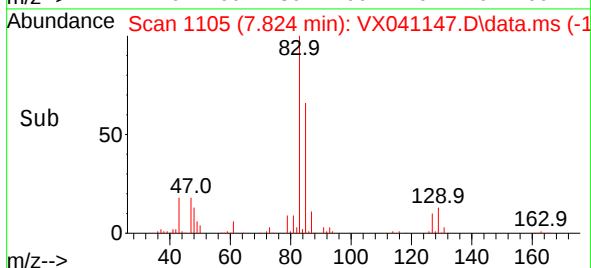
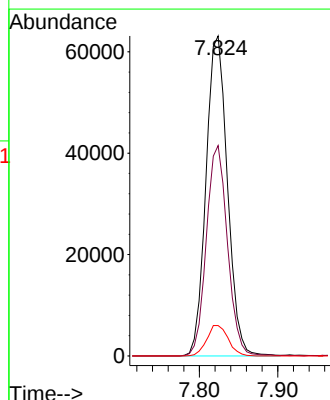
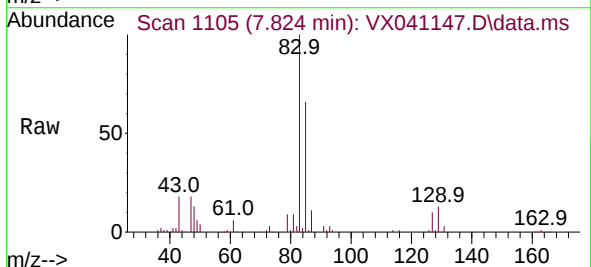
Instrument :
MSVOA_X
ClientSampleId :

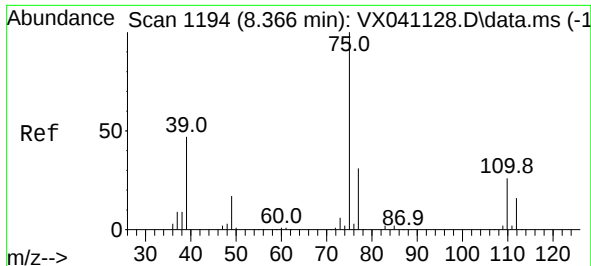
Tgt Ion: 63 Resp: 95001
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#38
Bromodichloromethane
Concen: 58.706 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

Tgt Ion: 83 Resp: 120053
Ion Ratio Lower Upper
83 100
85 65.7 45.6 84.8
127 9.5 7.8 11.8

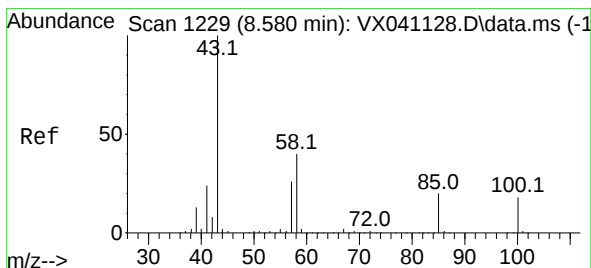
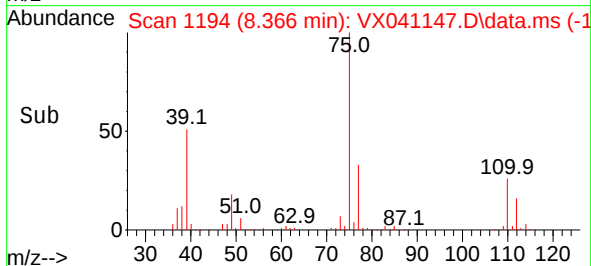
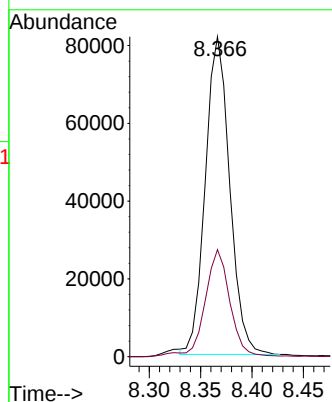
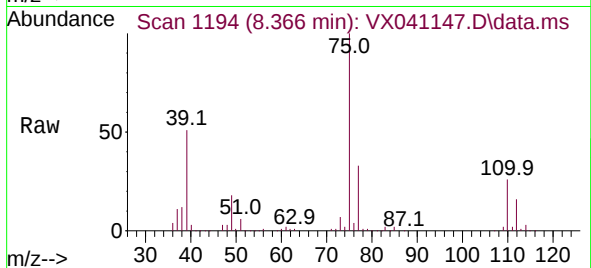




#39
 cis-1,3-Dichloropropene
 Concen: 55.481 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041147.D
 Acq: 17 Apr 2024 23:47

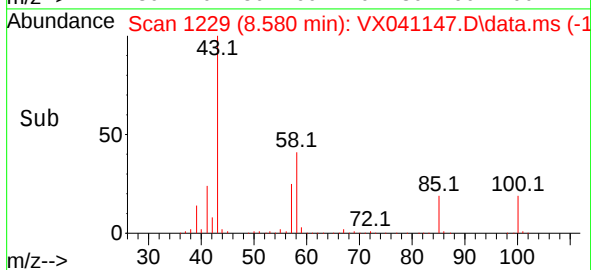
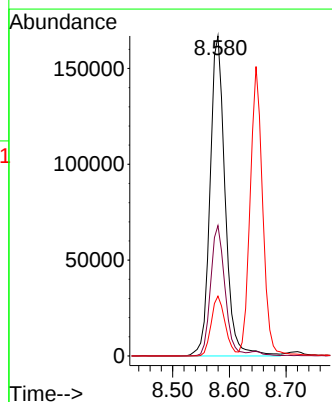
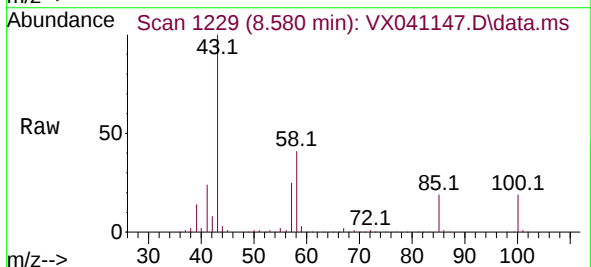
Instrument :
 MSVOA_X
 ClientSampleId :

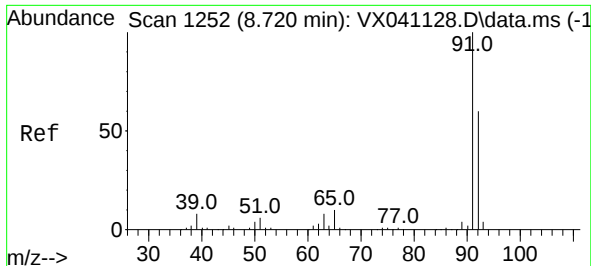
Tgt Ion: 75 Resp: 135171
 Ion Ratio Lower Upper
 75 100
 77 33.5 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 129.697 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: VX041147.D
 Acq: 17 Apr 2024 23:47

Tgt Ion: 43 Resp: 308358
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.6 46.0
 100 17.5 13.8 20.6





#42

Toluene

Concen: 56.021 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

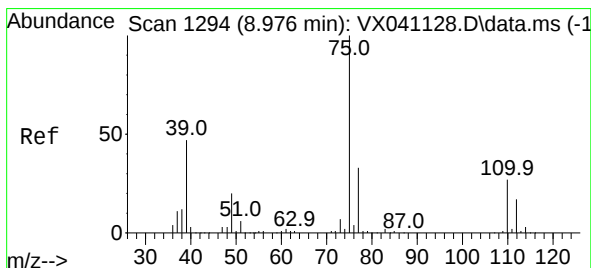
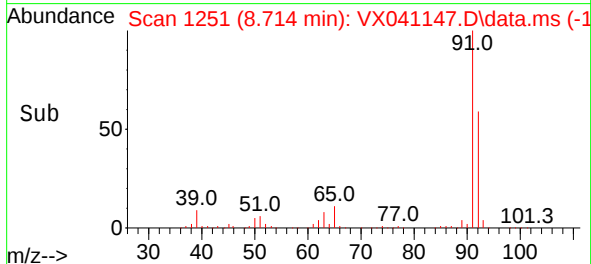
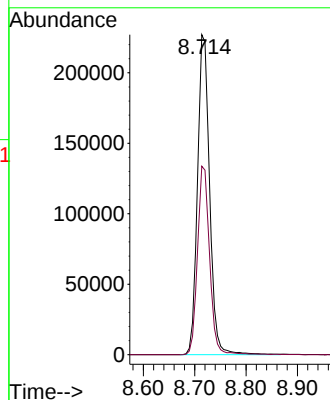
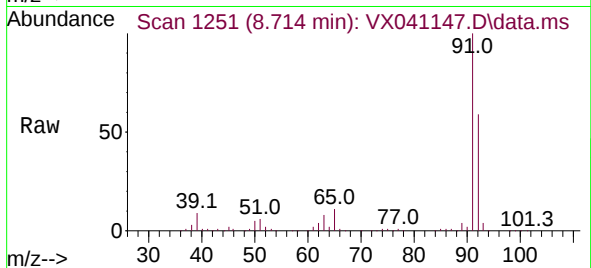
ClientSampleId :

Tgt Ion: 91 Resp: 372736

Ion Ratio Lower Upper

91 100

92 58.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 57.871 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041147.D

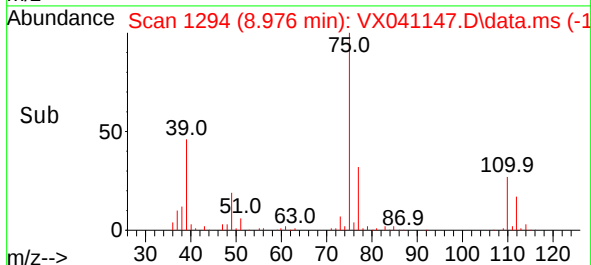
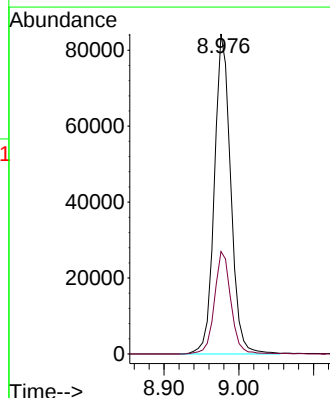
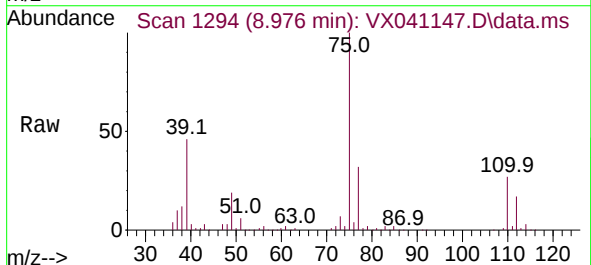
Acq: 17 Apr 2024 23:47

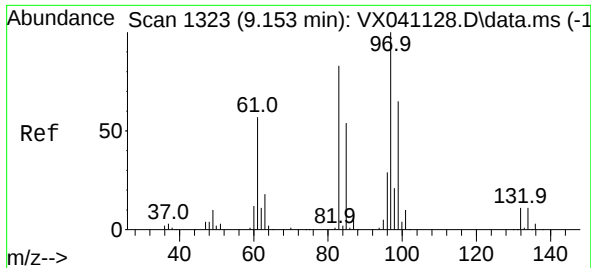
Tgt Ion: 75 Resp: 128467

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 60.242 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 103876

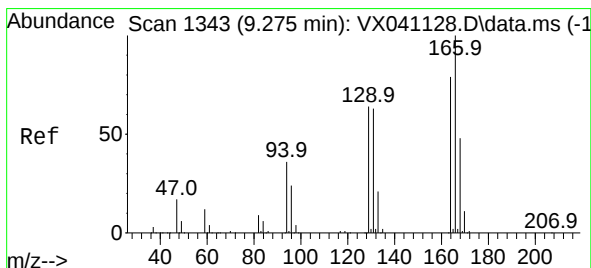
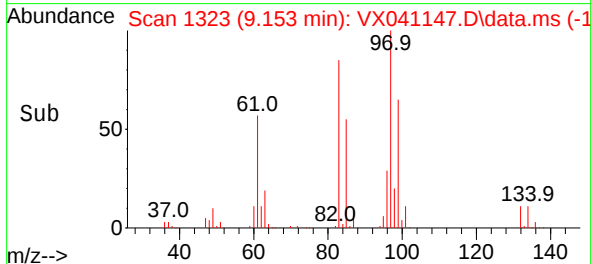
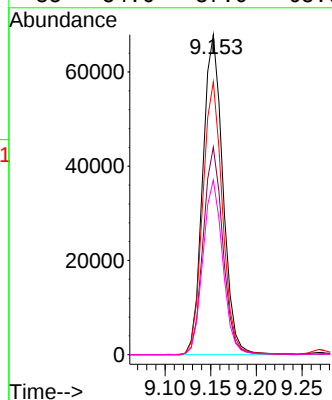
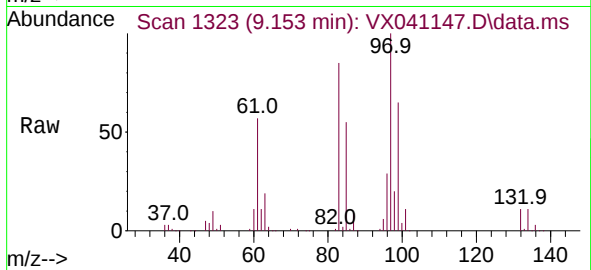
Ion Ratio Lower Upper

97 100

99 64.8 44.4 82.4

83 85.2 57.3 106.5

85 54.6 37.0 68.6



#46

Tetrachloroethene

Concen: 48.318 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Tgt Ion:164 Resp: 77262

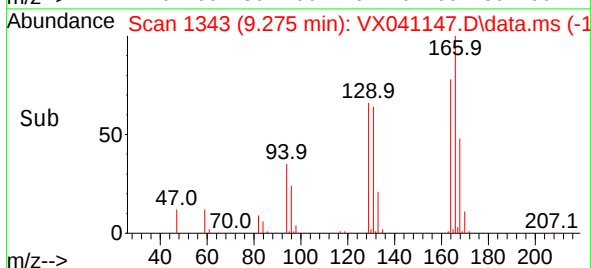
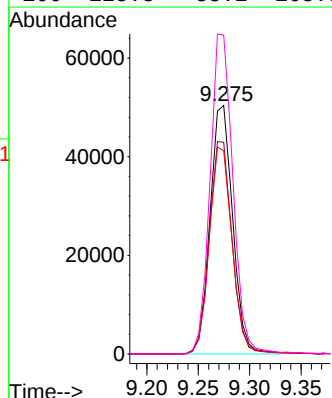
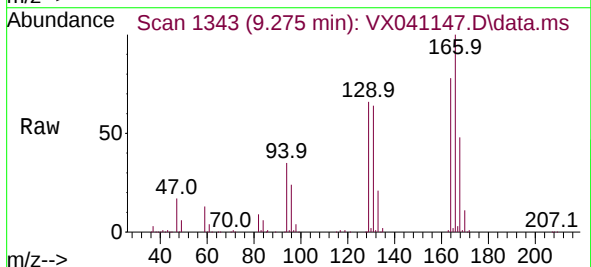
Ion Ratio Lower Upper

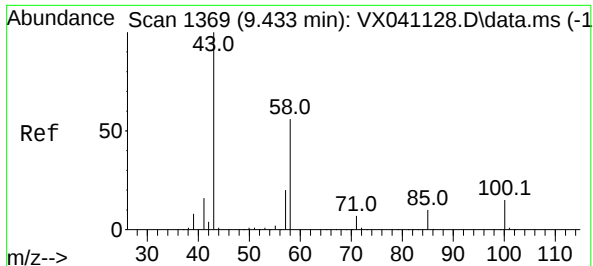
164 100

129 85.2 56.5 104.9

131 81.7 55.2 102.4

166 128.3 88.2 163.8





#48

2-Hexanone

Concen: 116.645 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 215377

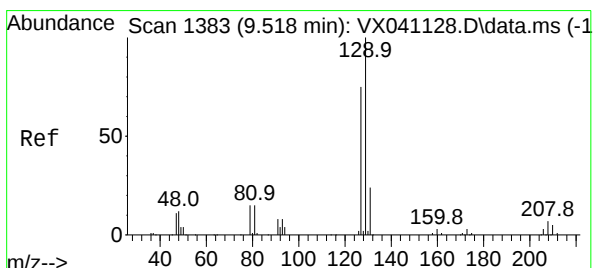
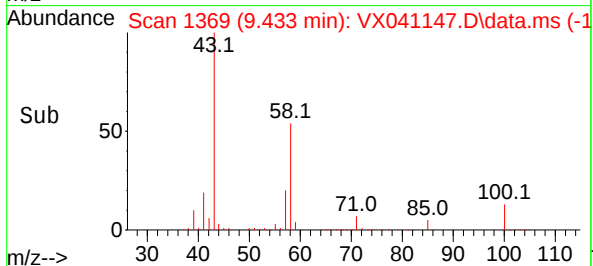
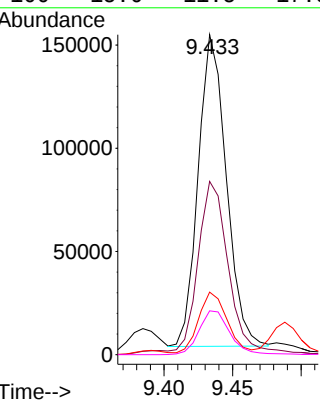
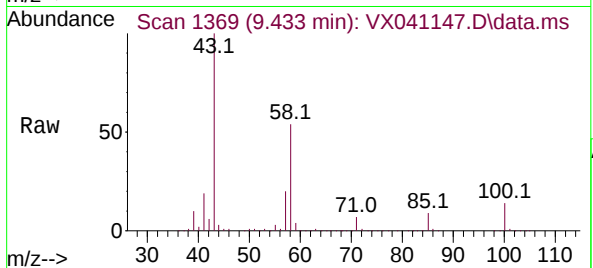
Ion Ratio Lower Upper

43 100

58 59.8 43.8 65.8

57 20.8 15.0 22.6

100 15.6 11.5 17.3



#49

Dibromochloromethane

Concen: 59.361 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041147.D

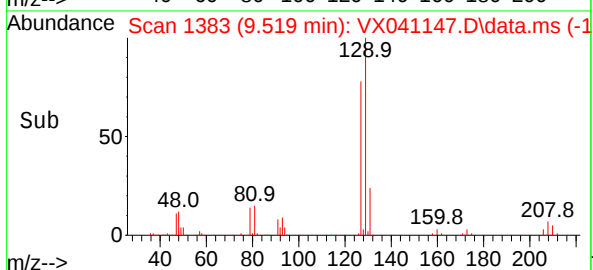
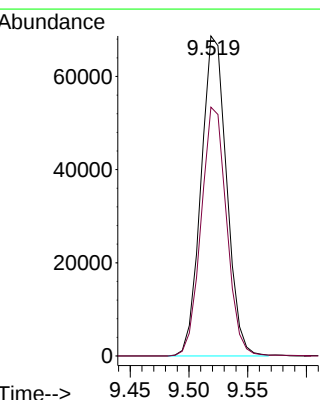
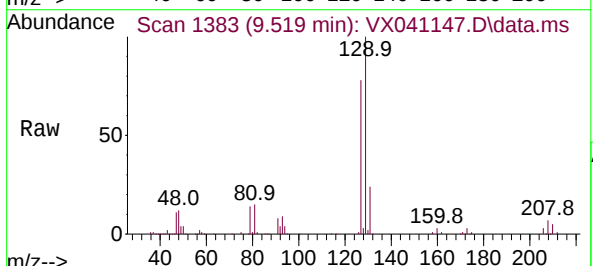
Acq: 17 Apr 2024 23:47

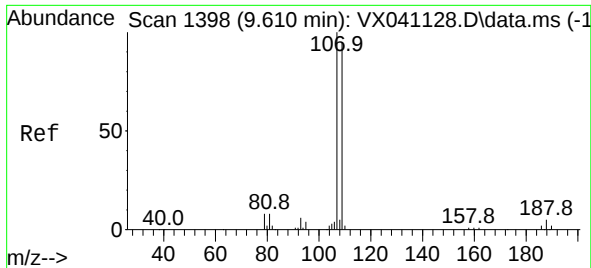
Tgt Ion:129 Resp: 103974

Ion Ratio Lower Upper

129 100

127 77.7 53.9 100.1

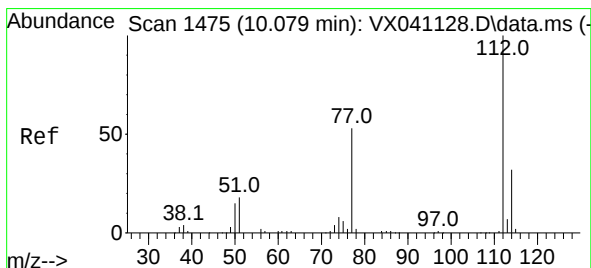
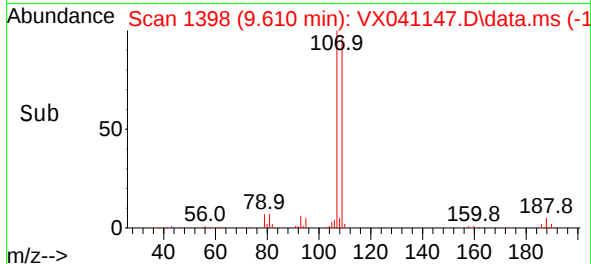
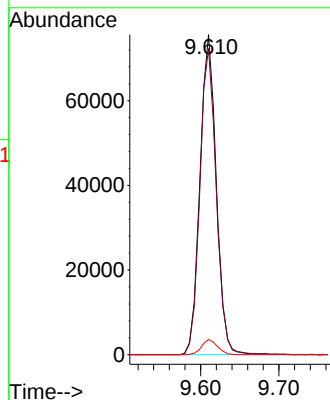
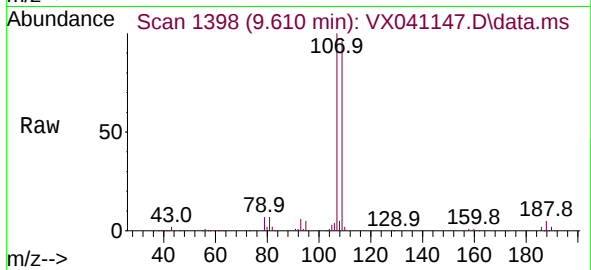




#50
1,2-Dibromoethane
Concen: 60.948 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

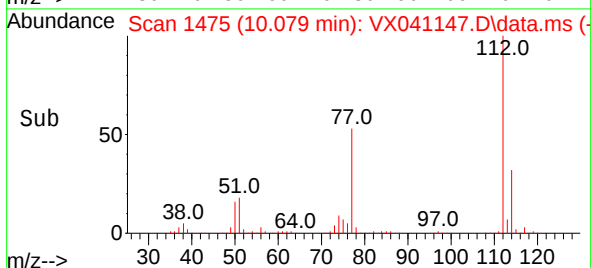
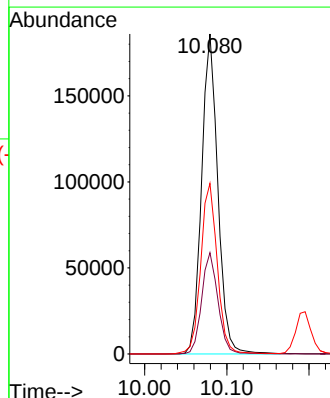
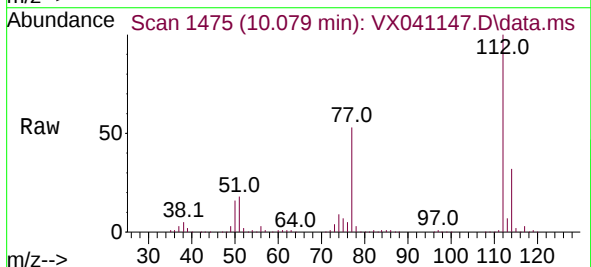
Instrument :
MSVOA_X
ClientSampleId :

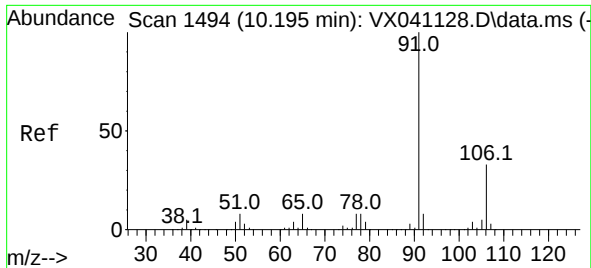
Tgt Ion:107 Resp: 109462
Ion Ratio Lower Upper
107 100
109 95.7 66.6 123.6
188 4.8 3.8 5.8



#51
Chlorobenzene
Concen: 54.931 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

Tgt Ion:112 Resp: 254743
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.9
77 53.3 42.6 64.0





#52

Ethylbenzene

Concen: 52.358 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

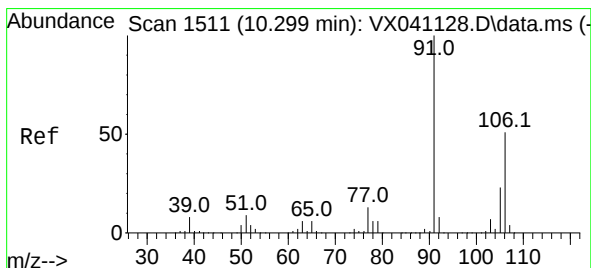
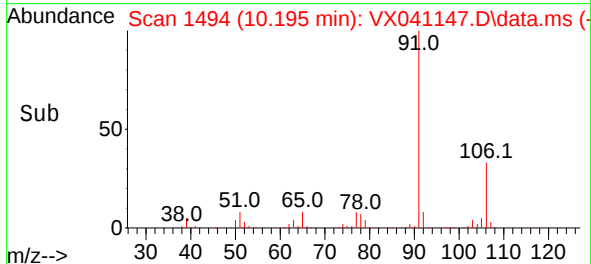
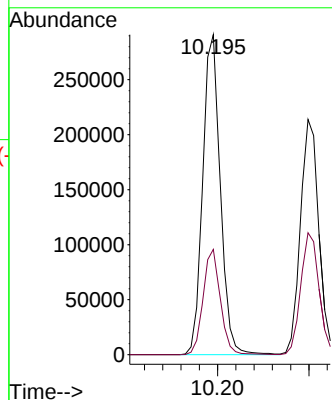
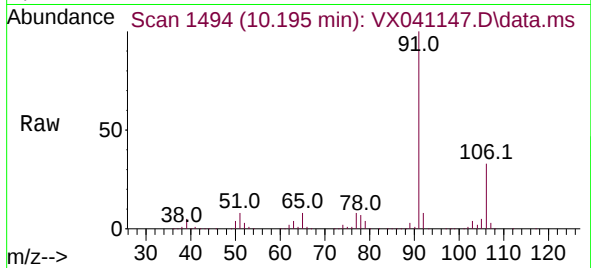
ClientSampleId :

Tgt Ion: 91 Resp: 388140

Ion Ratio Lower Upper

91 100

106 32.9 22.7 42.3



#53

m,p-Xylene

Concen: 53.225 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041147.D

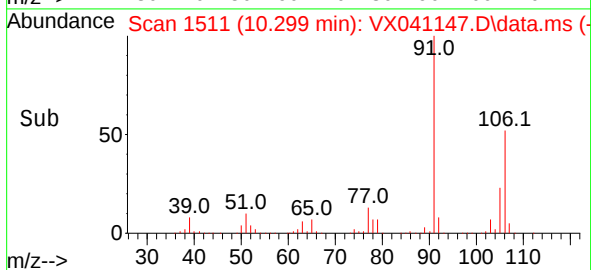
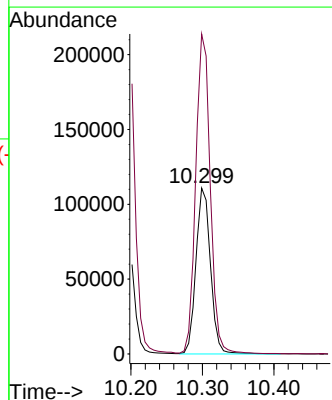
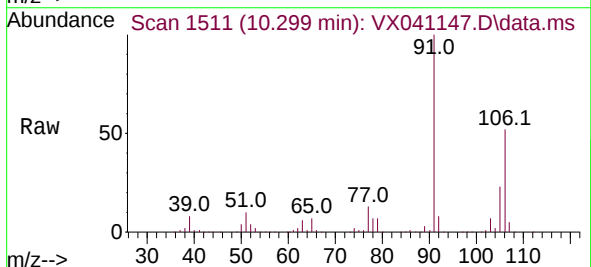
Acq: 17 Apr 2024 23:47

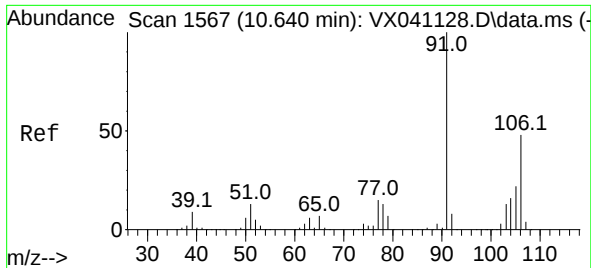
Tgt Ion:106 Resp: 156200

Ion Ratio Lower Upper

106 100

91 192.8 137.2 254.8

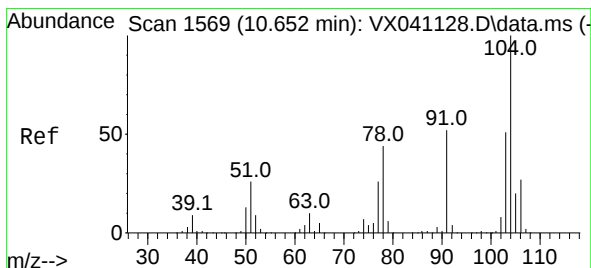
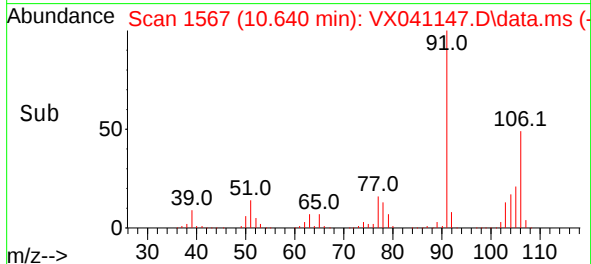
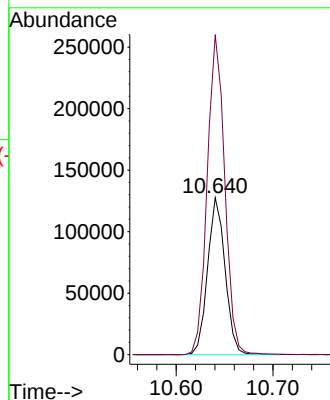
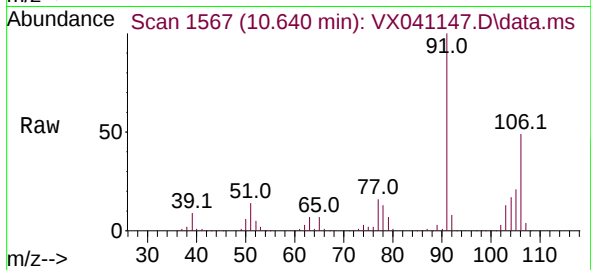




#54
o-Xylene
Concen: 54.621 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

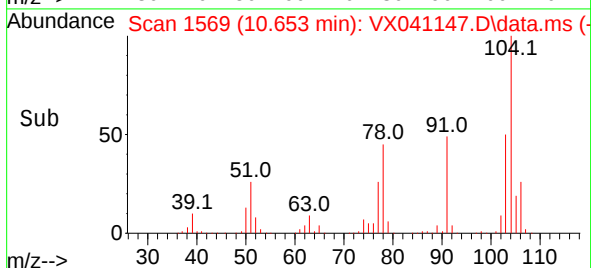
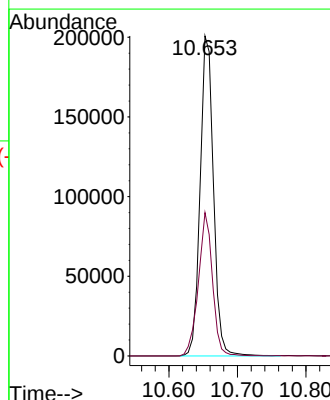
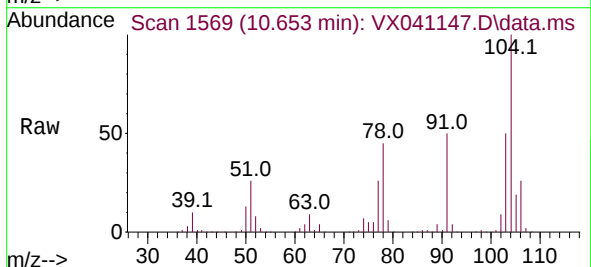
Instrument :
MSVOA_X
ClientSampleId :

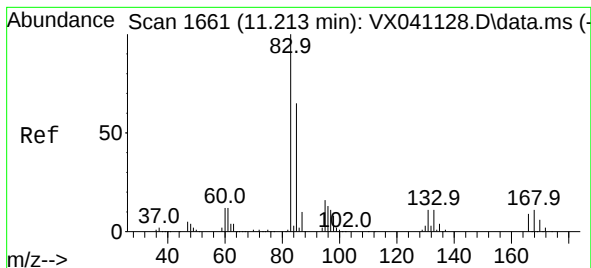
Tgt Ion:106 Resp: 160537
Ion Ratio Lower Upper
106 100
91 203.9 145.4 270.0



#55
Styrene
Concen: 55.756 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041147.D
Acq: 17 Apr 2024 23:47

Tgt Ion:104 Resp: 272698
Ion Ratio Lower Upper
104 100
78 44.8 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 61.166 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

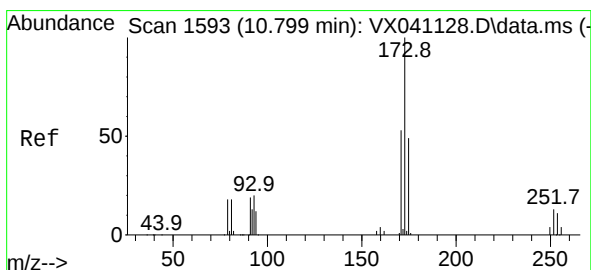
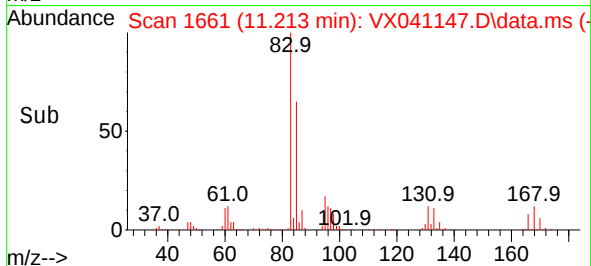
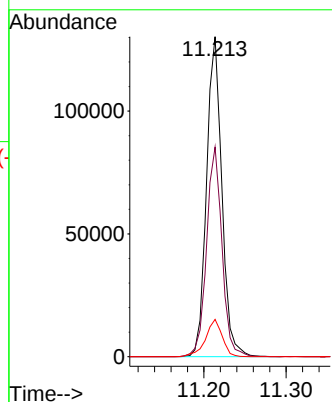
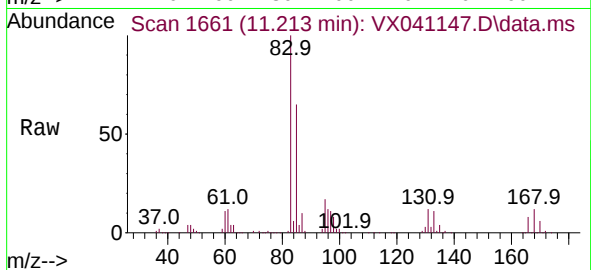
Tgt Ion: 83 Resp: 168397

Ion Ratio Lower Upper

83 100

85 65.5 45.0 83.6

131 11.7 9.0 13.4



#59

Bromoform

Concen: 63.160 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

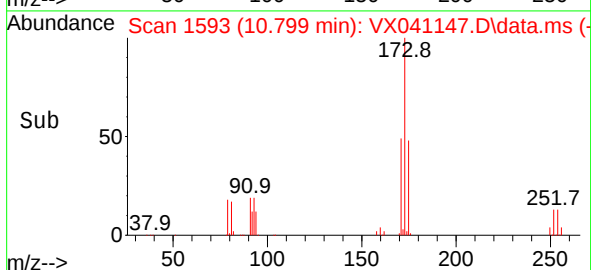
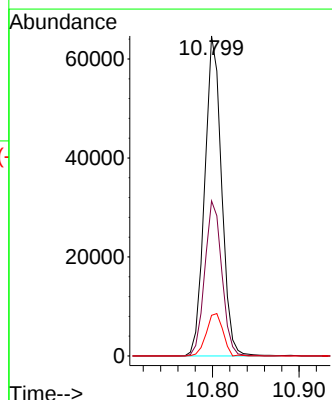
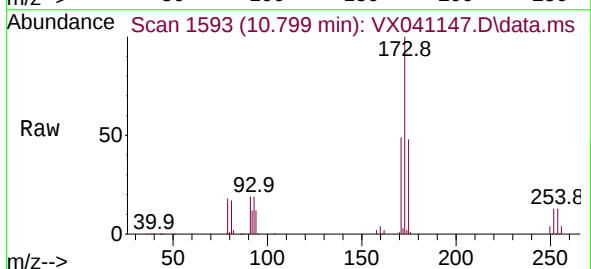
Tgt Ion:173 Resp: 87433

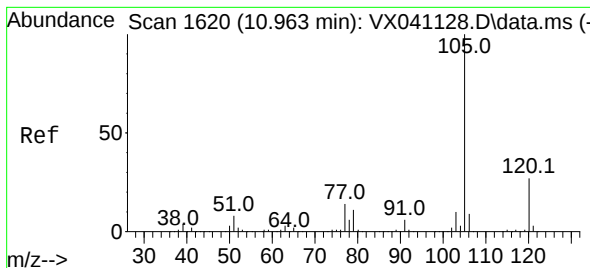
Ion Ratio Lower Upper

173 100

175 48.8 39.4 59.2

254 13.0 10.5 15.7





#60

Isopropylbenzene

Concen: 53.650 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

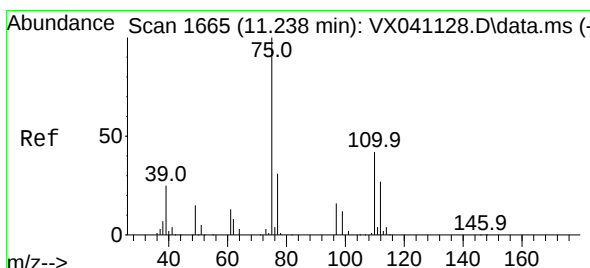
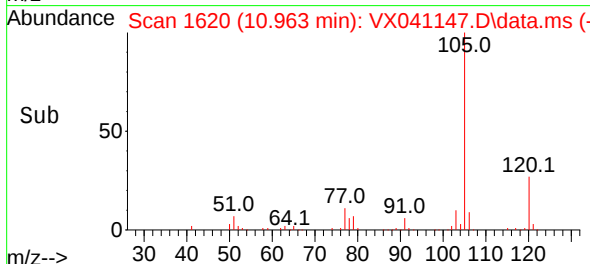
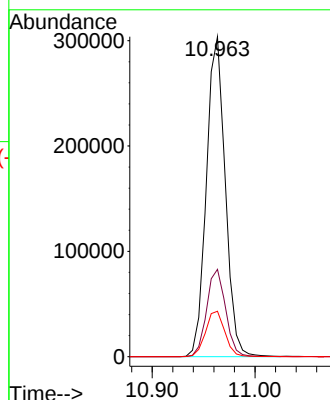
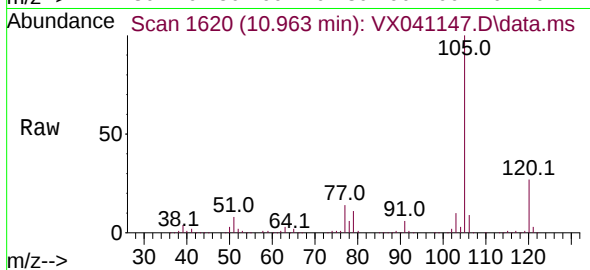
Tgt Ion:105 Resp: 387856

Ion Ratio Lower Upper

105 100

120 27.5 21.8 32.8

77 14.6 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 64.039 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

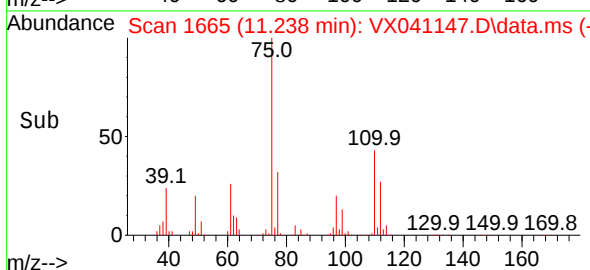
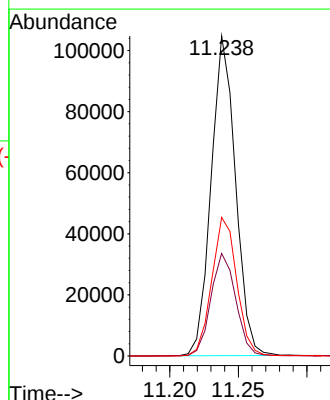
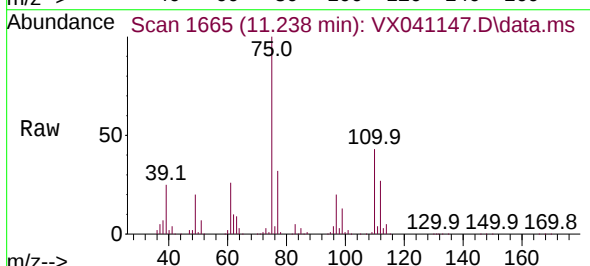
Tgt Ion: 75 Resp: 129404

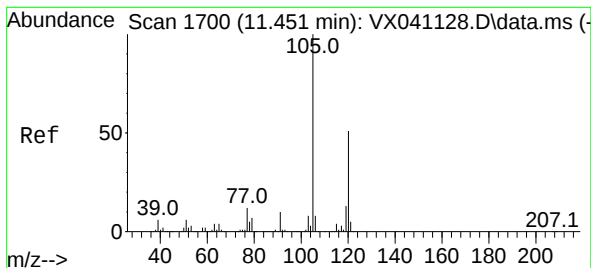
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

110 44.6 35.0 52.6





#62

1,3,5-Trimethylbenzene

Concen: 54.394 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

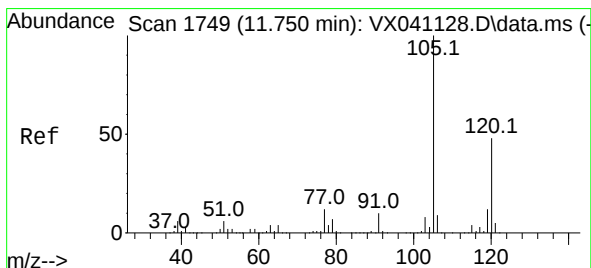
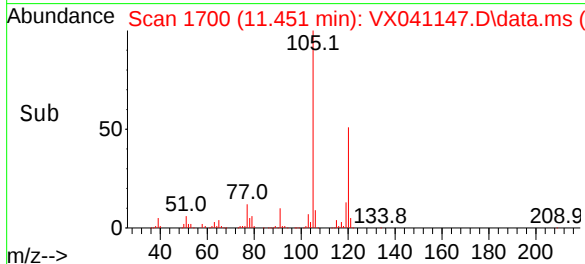
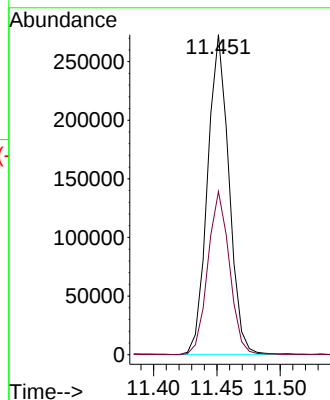
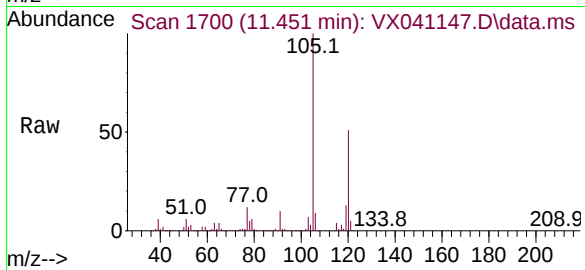
ClientSampleId :

Tgt Ion:105 Resp: 321090

Ion Ratio Lower Upper

105 100

120 51.6 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 55.592 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041147.D

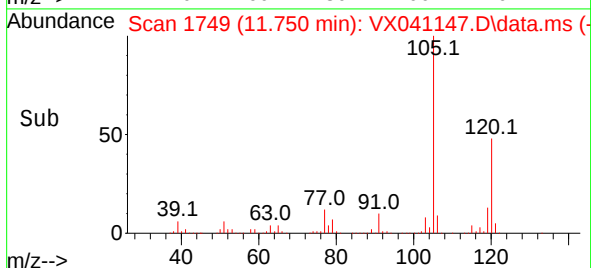
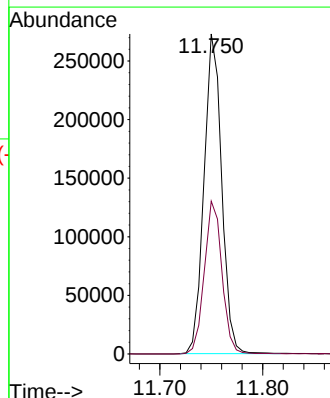
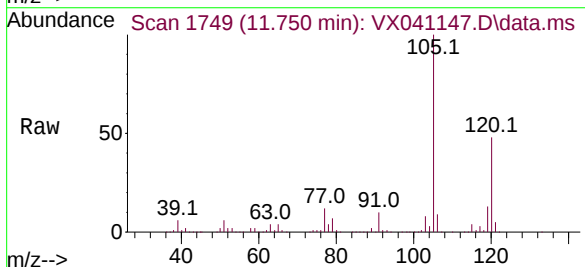
Acq: 17 Apr 2024 23:47

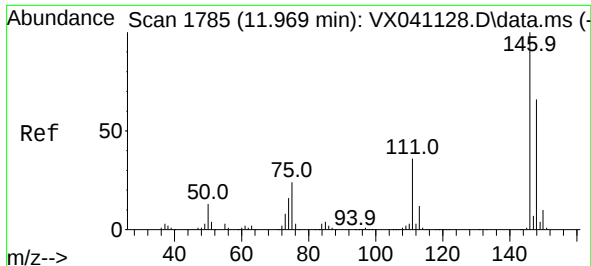
Tgt Ion:105 Resp: 326397

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 55.189 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

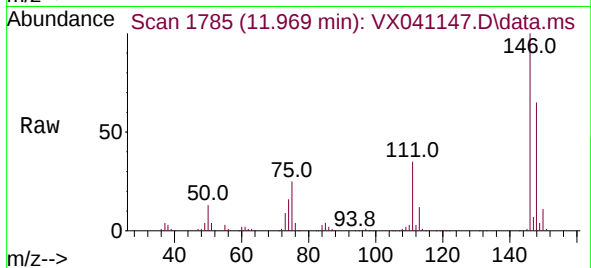
Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :



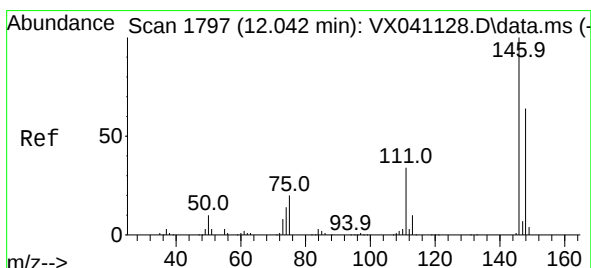
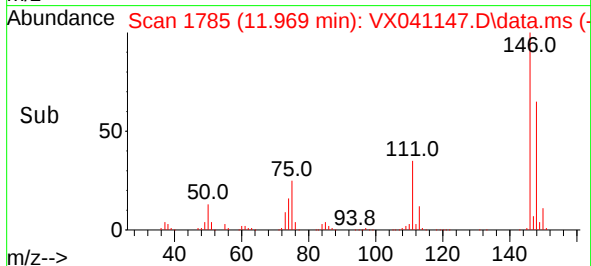
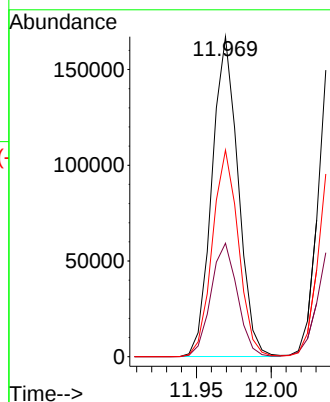
Tgt Ion:146 Resp: 203576

Ion Ratio Lower Upper

146 100

111 35.4 25.6 47.4

148 64.5 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 55.006 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

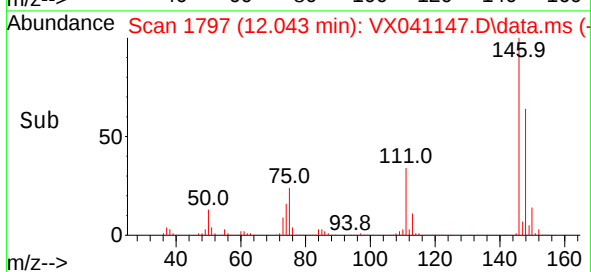
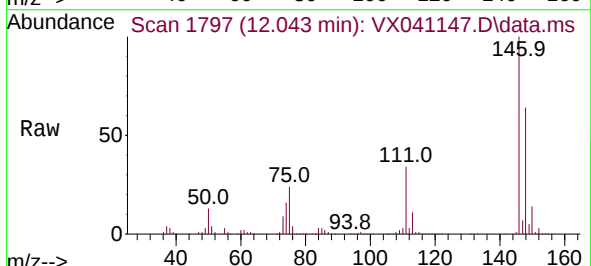
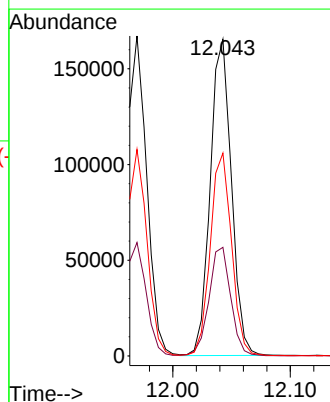
Tgt Ion:146 Resp: 206982

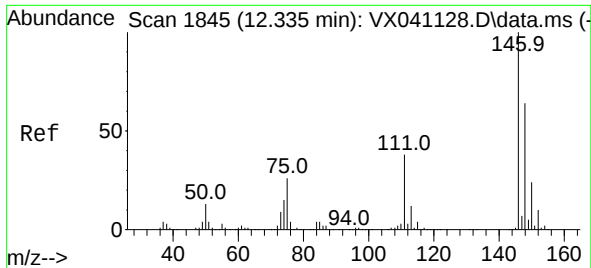
Ion Ratio Lower Upper

146 100

111 34.3 23.9 44.5

148 64.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 58.079 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

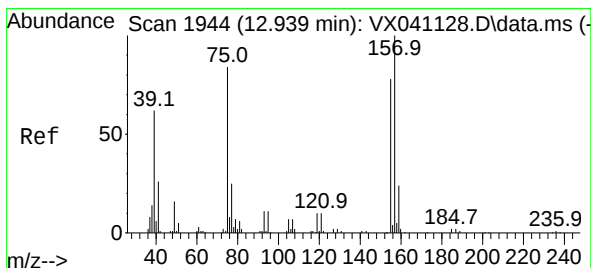
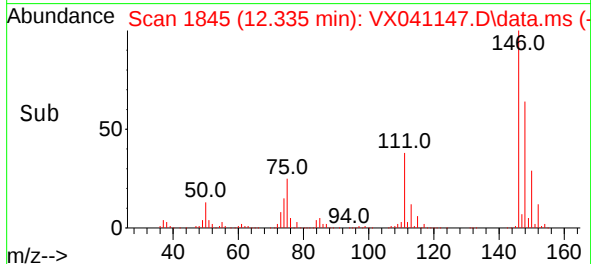
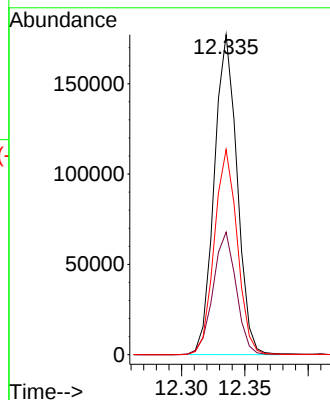
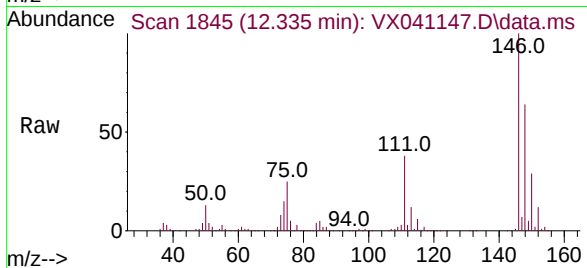
Tgt Ion:146 Resp: 222176

Ion Ratio Lower Upper

146 100

111 38.3 30.0 45.0

148 64.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 66.202 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

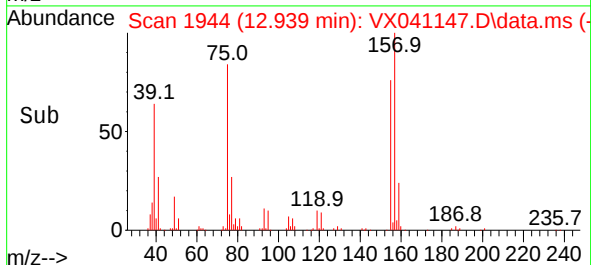
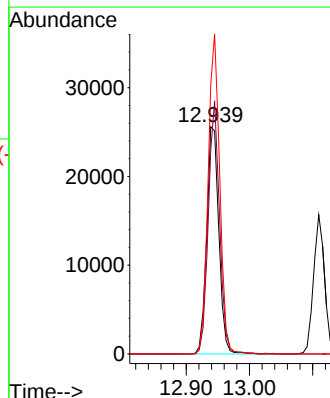
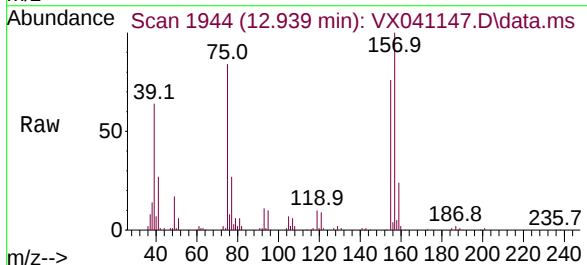
Tgt Ion: 75 Resp: 34137

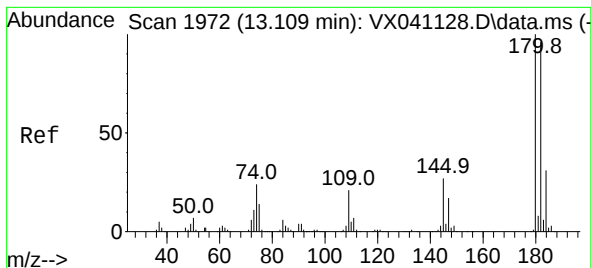
Ion Ratio Lower Upper

75 100

155 89.8 89.0 133.6

157 118.5 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 52.494 ug/L

RT: 13.109 min Scan# 1792

Delta R.T. 0.000 min

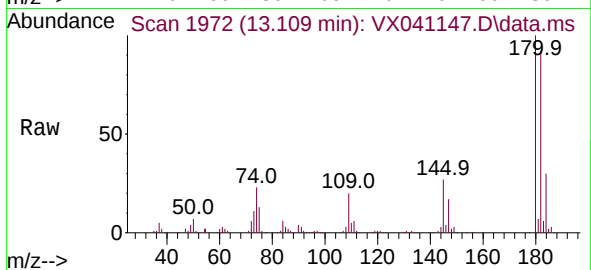
Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 150791

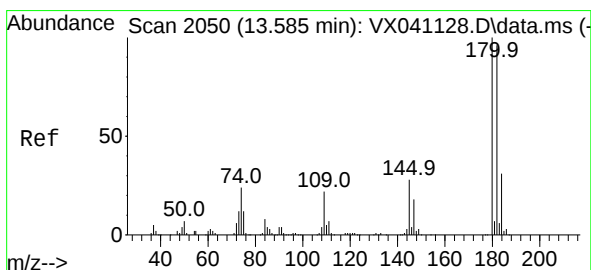
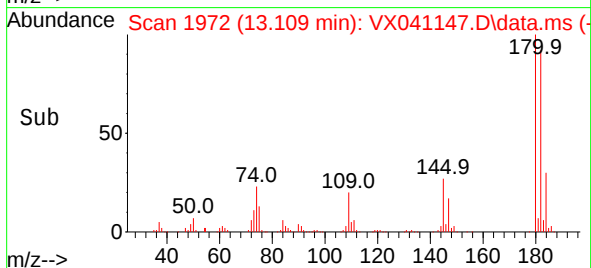
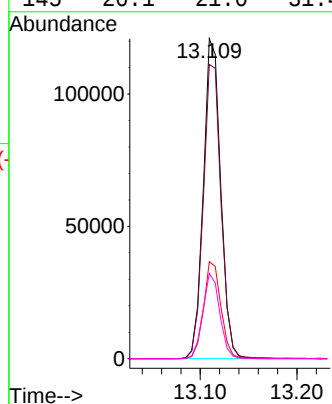
Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

184 30.2 24.3 36.5

145 26.1 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 53.043 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

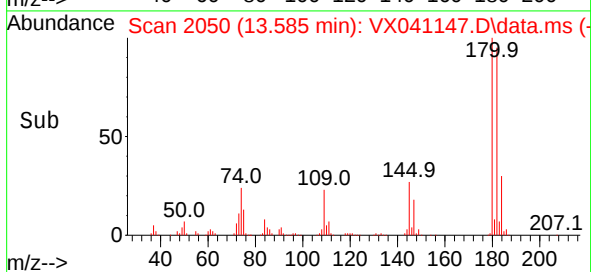
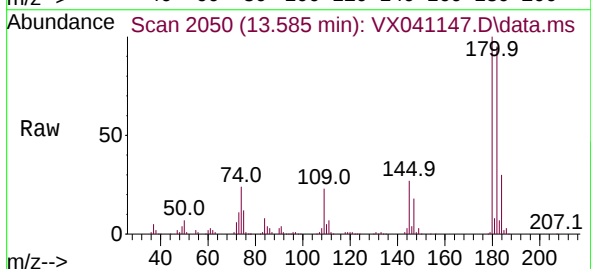
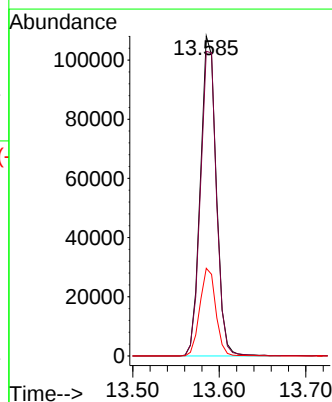
Tgt Ion:180 Resp: 137404

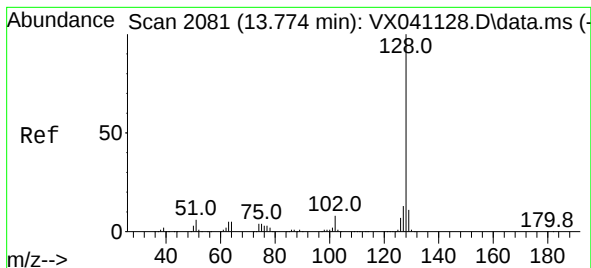
Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.4

145 27.6 21.8 32.6





#71

Naphthalene

Concen: 60.857 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Instrument :

MSVOA_X

ClientSampleId :

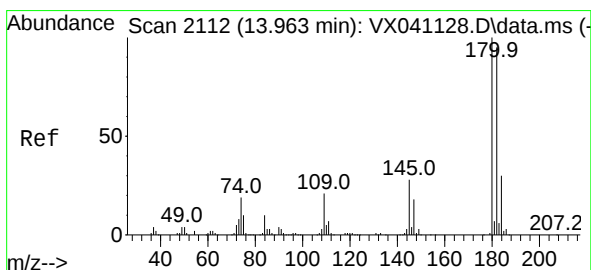
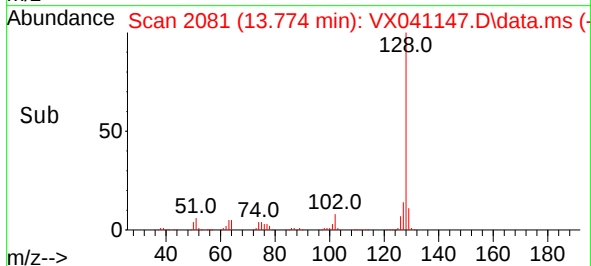
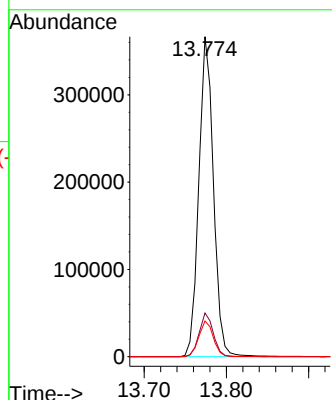
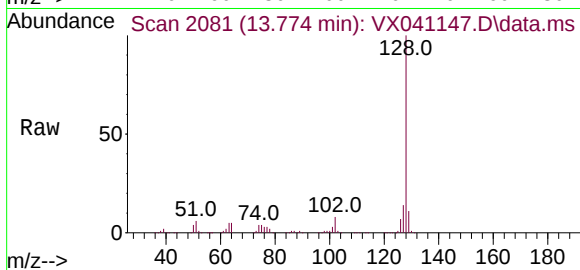
Tgt Ion:128 Resp: 452472

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 55.887 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041147.D

Acq: 17 Apr 2024 23:47

Tgt Ion:180 Resp: 151135

Ion Ratio Lower Upper

180 100

182 96.5 76.5 114.7

145 28.9 23.1 34.7

