

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041151.D
 Acq On : 18 Apr 2024 01:18
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 02:28:12 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	301755	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	276981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	106156	49.164	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.320%		
7) Chloroethane-d5	1.648	69	50912	47.381	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.760%		
11) 1,1-Dichloroethene-d2	2.294	65	45106	48.761	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.520%		
21) 2-Butanone-d5	4.471	46	133448	108.264	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.260%		
24) Chloroform-d	5.056	84	199355	50.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.320%		
26) 1,2-Dichloroethane-d4	5.952	65	125026	49.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.020%		
32) Benzene-d6	5.970	84	404364	50.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.360%		
36) 1,2-Dichloropropane-d6	7.305	67	115424	49.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.960%		
41) Toluene-d8	8.647	98	374497	50.037	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.080%		
43) trans-1,3-Dichloroprop...	8.951	79	50436	48.819	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.640%		
47) 2-Hexanone-d5	9.390	63	98018	104.540	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.540%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	172800	51.286	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.580%		
66) 1,2-Dichlorobenzene-d4	12.323	152	164819	50.864	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.720%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	92922	49.214	ug/L	100
3) Chloromethane	1.300	50	92225	51.025	ug/L	99
5) Vinyl chloride	1.373	62	96865	49.740	ug/L	100
6) Bromomethane	1.599	94	48267	47.299	ug/L	100
8) Chloroethane	1.666	64	32750	42.895	ug/L	99
9) Trichlorofluoromethane	1.861	101	147406	50.479	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	96740	48.910	ug/L	98
12) 1,1-Dichloroethene	2.306	96	85917	50.843	ug/L	100
13) Acetone	2.398	43	88272	89.282	ug/L	98
14) Carbon disulfide	2.501	76	160906	46.902	ug/L	100
15) Methyl Acetate	2.709	43	107287	51.085	ug/L	98
16) Methylene chloride	2.782	84	96562	50.926	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	83429	48.858	ug/L	97
18) Methyl tert-butyl Ether	3.123	73	304919	51.871	ug/L	100
19) 1,1-Dichloroethane	3.605	63	166019	51.024	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	103191	50.693	ug/L	97
22) 2-Butanone	4.574	43	147871	99.827	ug/L	98
23) Bromochloromethane	4.897	128	52768	49.789	ug/L	98
25) Chloroform	5.092	83	177823	50.872	ug/L	99

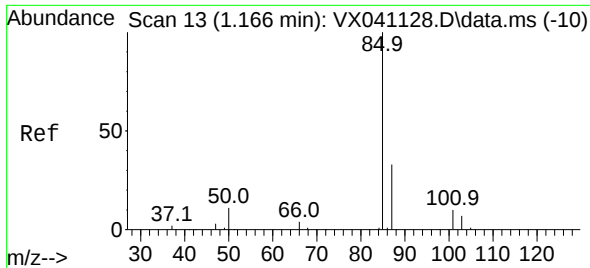
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 02:15:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	140342	50.876	ug/L	100
29) Cyclohexane	5.464	56	139611	50.104	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	151786	50.511	ug/L	99
31) Carbon tetrachloride	5.672	117	129938	50.298	ug/L	99
33) Benzene	6.031	78	367465	50.865	ug/L	100
34) Trichloroethene	7.122	95	97483	49.847	ug/L	99
35) Methylcyclohexane	7.379	83	142943	48.092	ug/L	99
37) 1,2-Dichloropropane	7.427	63	94759	50.582	ug/L	99
38) Bromodichloromethane	7.824	83	120817	50.453	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	139838	49.016	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	289405	103.953	ug/L	98
42) Toluene	8.714	91	398079	51.094	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	128012	49.247	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	103929	51.472	ug/L	99
46) Tetrachloroethene	9.275	164	91446	48.838	ug/L	95
48) 2-Hexanone	9.433	43	227531	105.235	ug/L	99
49) Dibromochloromethane	9.524	129	105261	51.322	ug/L	97
50) 1,2-Dibromoethane	9.610	107	109172	51.912	ug/L	99
51) Chlorobenzene	10.079	112	272043	50.096	ug/L	99
52) Ethylbenzene	10.195	91	440130	50.703	ug/L	100
53) m,p-Xylene	10.299	106	176650	51.405	ug/L	100
54) o-Xylene	10.640	106	175897	51.109	ug/L	100
55) Styrene	10.652	104	295065	51.521	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	166916	51.776	ug/L	98
59) Bromoform	10.799	173	88914	52.248	ug/L	98
60) Isopropylbenzene	10.963	105	467741	52.630	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	129162	51.996	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	381648	52.592	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	376480	52.161	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	228712	50.437	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	228300	49.353	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	240834	51.212	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	34029	53.682	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	171534	48.576	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	152775	47.975	ug/L	99
71) Naphthalene	13.774	128	473964	51.856	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	165363	49.741	ug/L	100

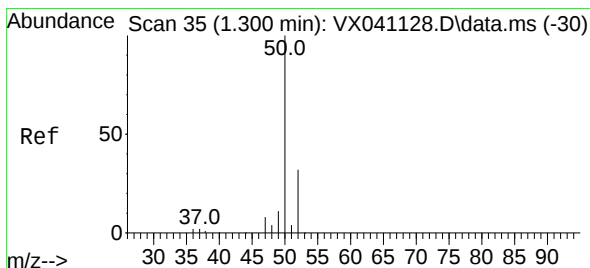
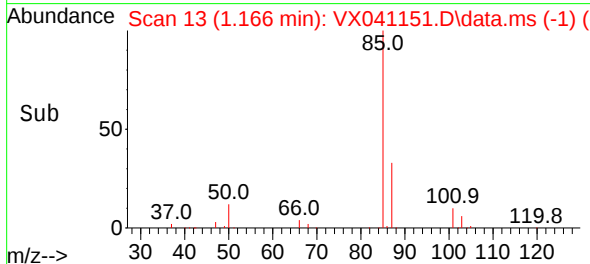
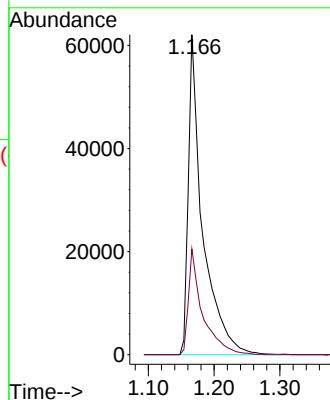
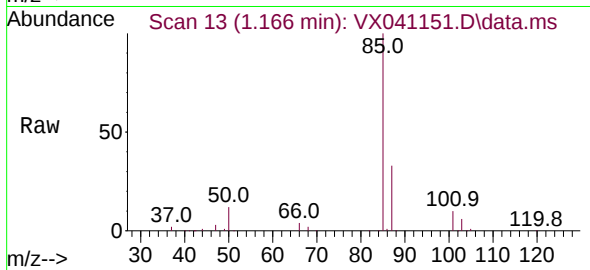
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#2
 Dichlorodifluoromethane
 Concen: 49.214 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041151.D
 Acq: 18 Apr 2024 01:18

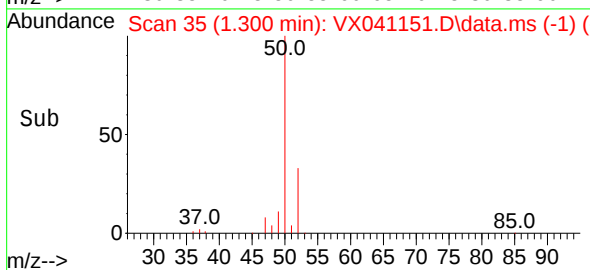
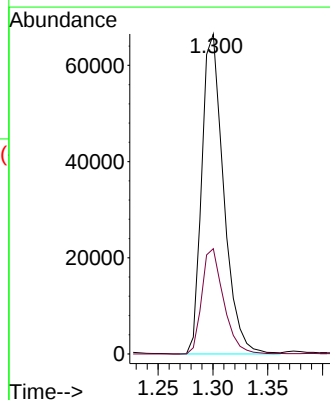
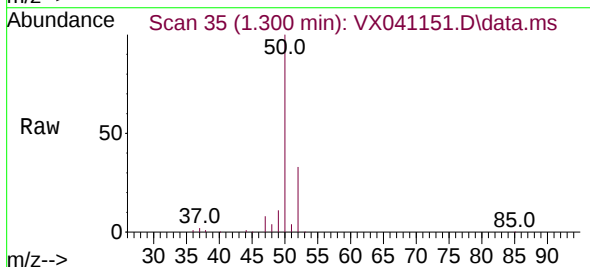
Instrument :
 MSVOA_X
 ClientSampleId :

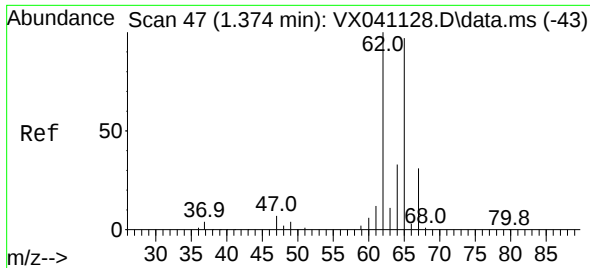
Tgt Ion: 85 Resp: 92922
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 51.025 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX041151.D
 Acq: 18 Apr 2024 01:18

Tgt Ion: 50 Resp: 92225
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

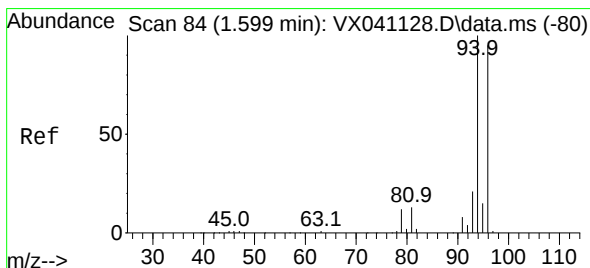
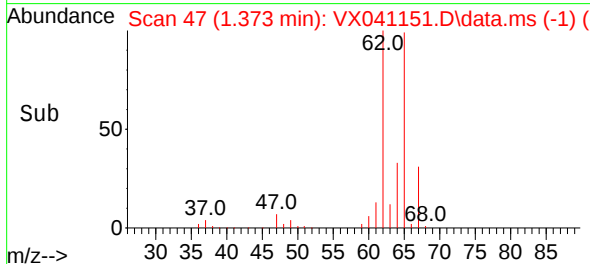
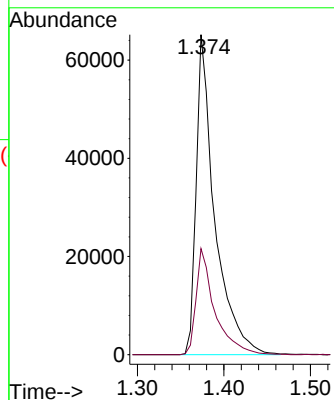
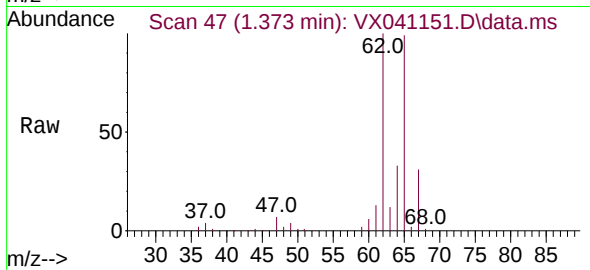




#5
 Vinyl chloride
 Concen: 49.740 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX041151.D
 Acq: 18 Apr 2024 01:18

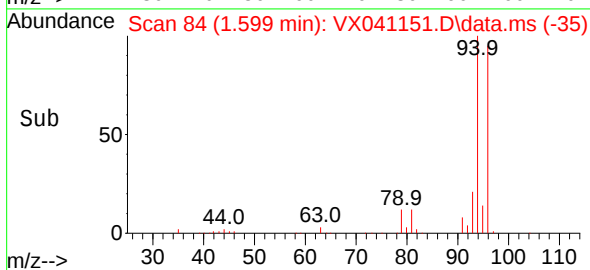
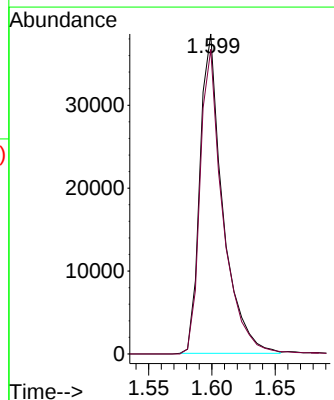
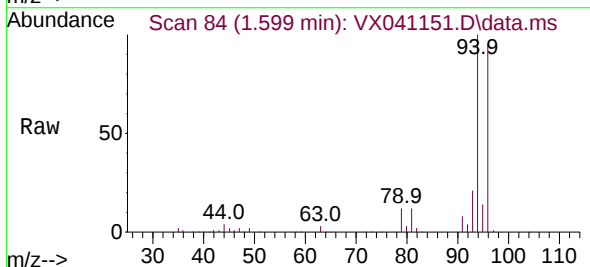
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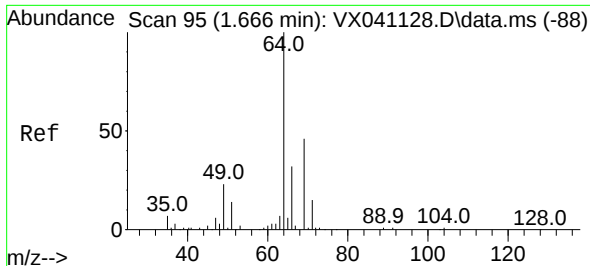
Tgt Ion: 62 Resp: 96865
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.8



#6
 Bromomethane
 Concen: 47.299 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX041151.D
 Acq: 18 Apr 2024 01:18

Tgt Ion: 94 Resp: 48267
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.5 123.5

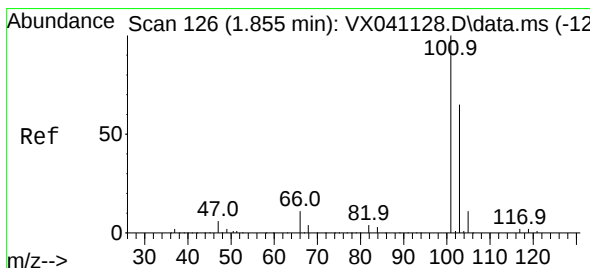
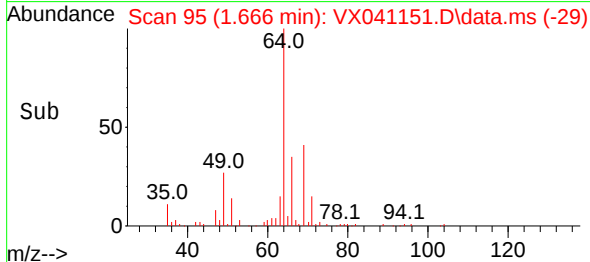
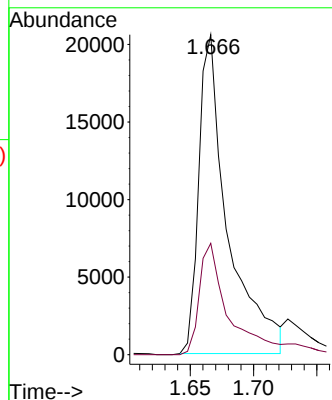
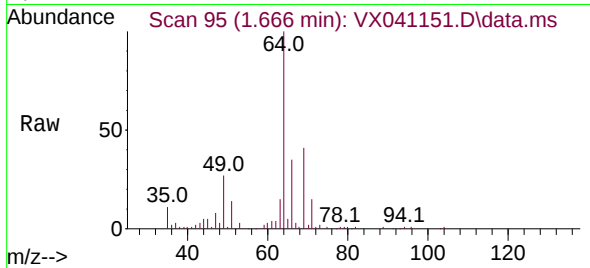




#8
Chloroethane
Concen: 42.895 ug/L
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

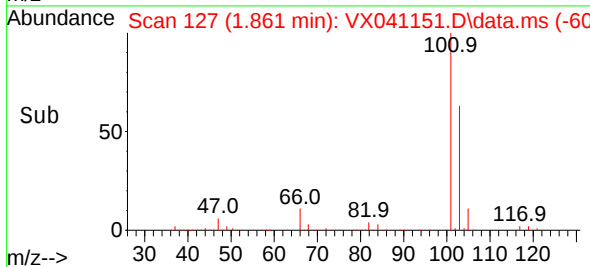
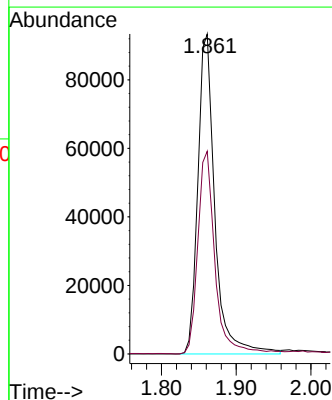
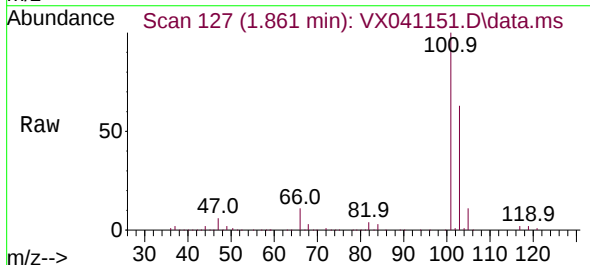
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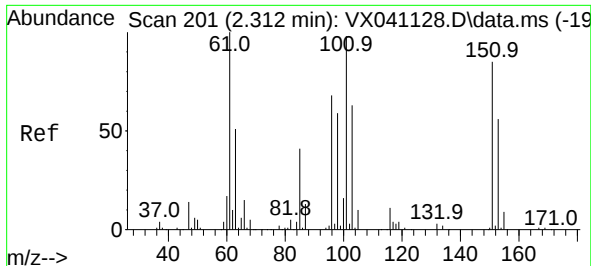
Tgt Ion: 64 Resp: 32750
Ion Ratio Lower Upper
64 100
66 34.8 24.7 45.9



#9
Trichlorofluoromethane
Concen: 50.479 ug/L
RT: 1.861 min Scan# 127
Delta R.T. 0.006 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

Tgt Ion:101 Resp: 147406
Ion Ratio Lower Upper
101 100
103 63.5 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 48.910 ug/L

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

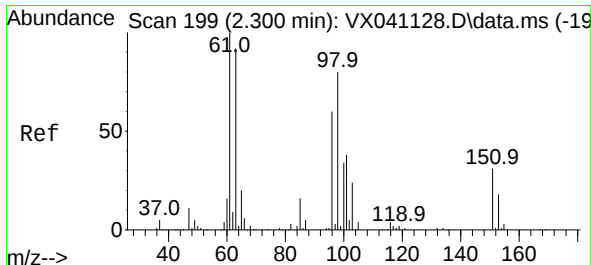
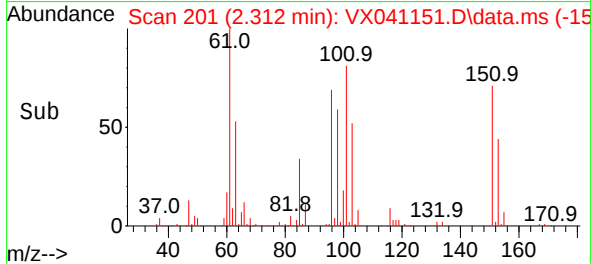
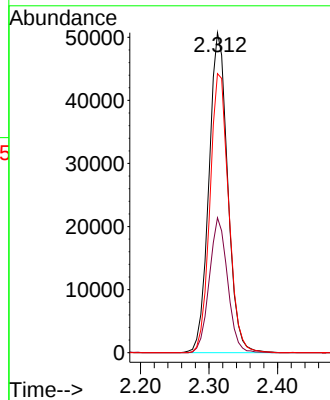
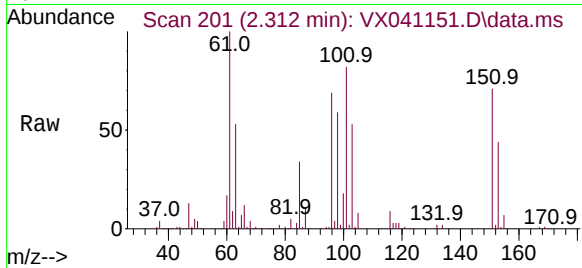
Tgt Ion:101 Resp: 96740

Ion Ratio Lower Upper

101 100

85 40.8 33.4 50.2

151 86.7 70.5 105.7



#12

1,1-Dichloroethene

Concen: 50.843 ug/L

RT: 2.306 min Scan# 200

Delta R.T. 0.006 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

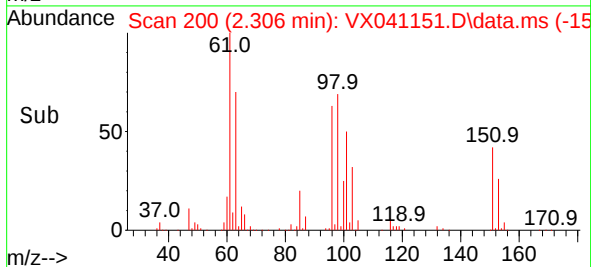
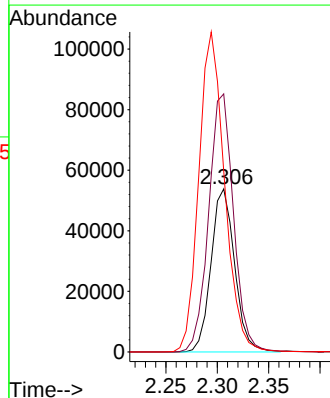
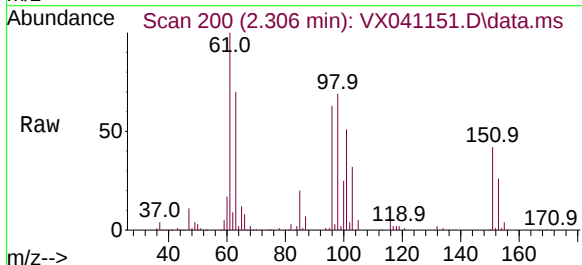
Tgt Ion: 96 Resp: 85917

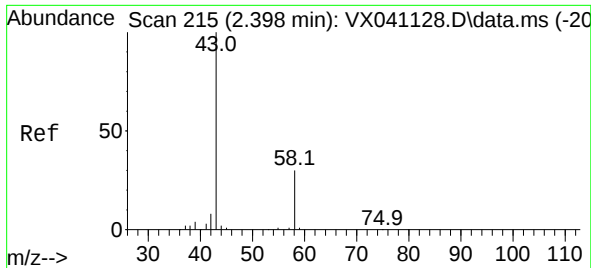
Ion Ratio Lower Upper

96 100

61 158.2 110.3 204.9

63 111.0 77.4 143.8





#13

Acetone

Concen: 89.282 ug/L

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX041151.D

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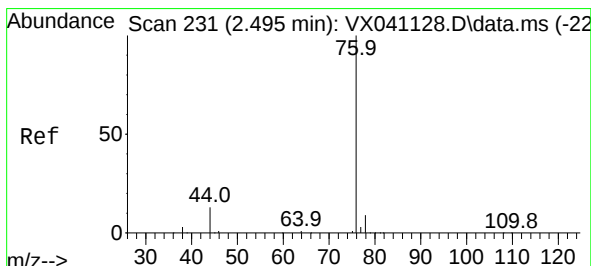
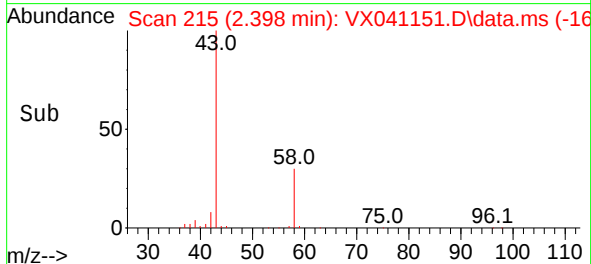
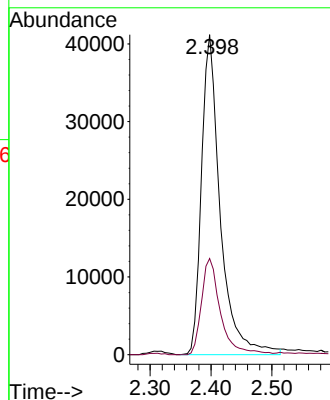
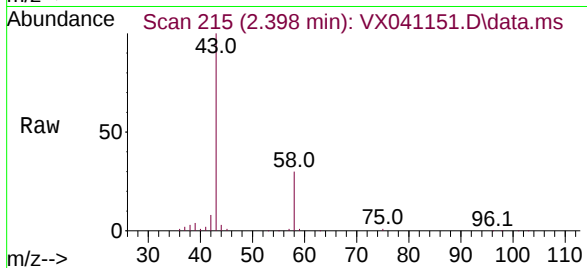
ClientSampleId :

Tgt Ion: 43 Resp: 88272

Ion Ratio Lower Upper

43 100

58 30.4 0.0 62.4



#14

Carbon disulfide

Concen: 46.902 ug/L

RT: 2.501 min Scan# 232

Delta R.T. 0.006 min

Lab File: VX041151.D

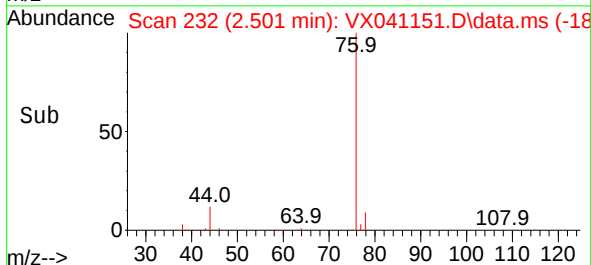
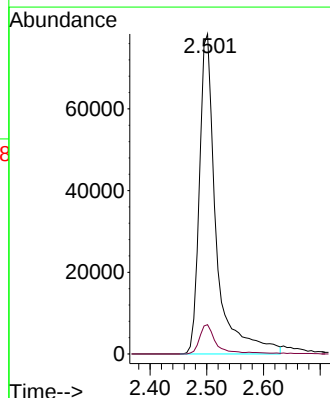
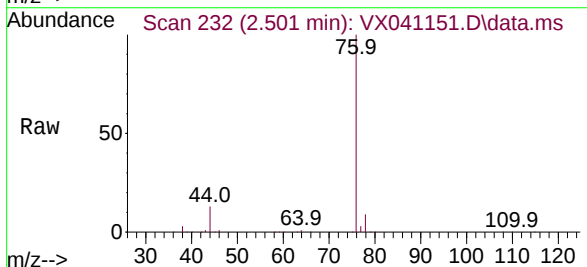
Acq: 18 Apr 2024 01:18

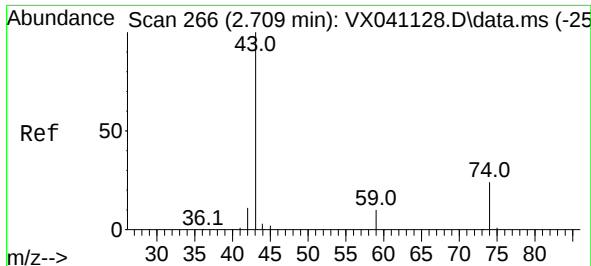
Tgt Ion: 76 Resp: 160906

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 51.085 ug/L

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

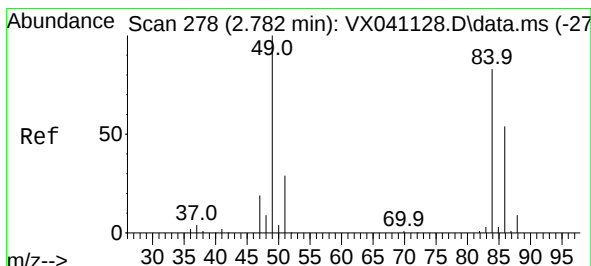
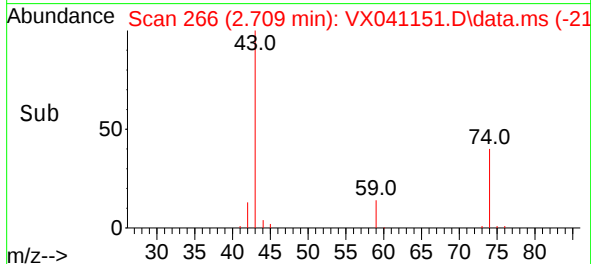
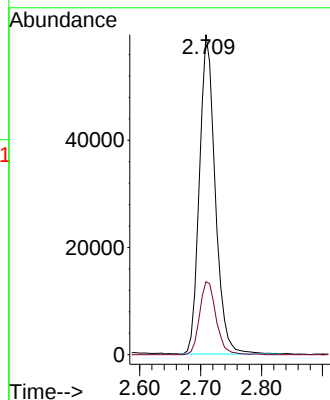
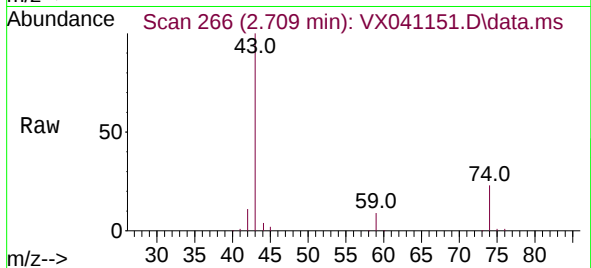
ClientSampleId :

Tgt Ion: 43 Resp: 107287

Ion Ratio Lower Upper

43 100

74 23.8 19.9 29.9



#16

Methylene chloride

Concen: 50.926 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

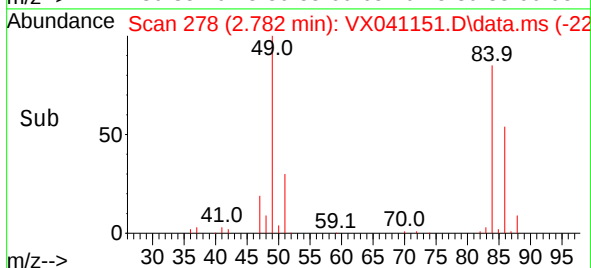
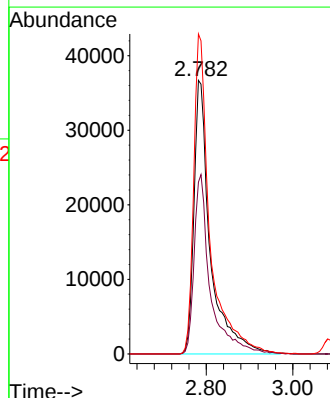
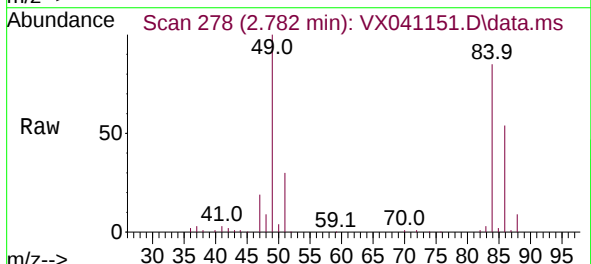
Tgt Ion: 84 Resp: 96562

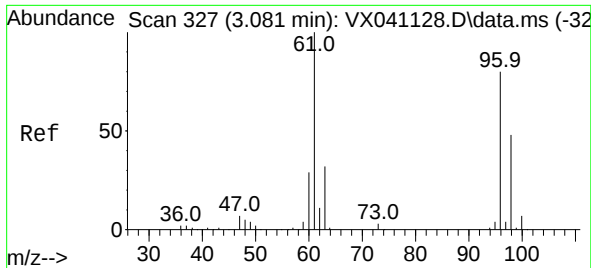
Ion Ratio Lower Upper

84 100

86 62.8 44.7 83.1

49 117.0 80.6 149.8

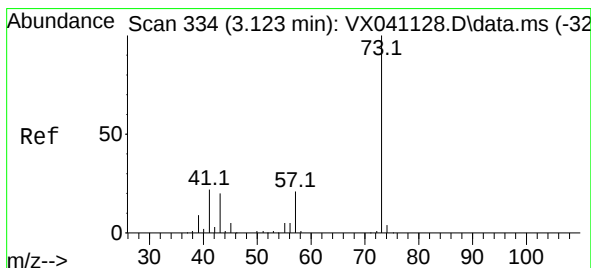
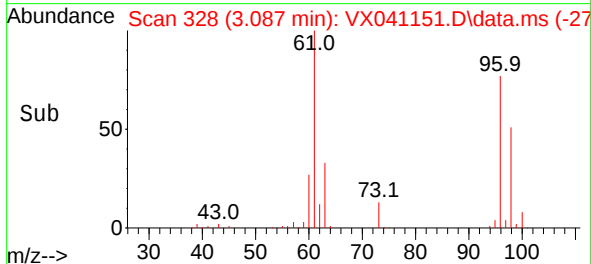
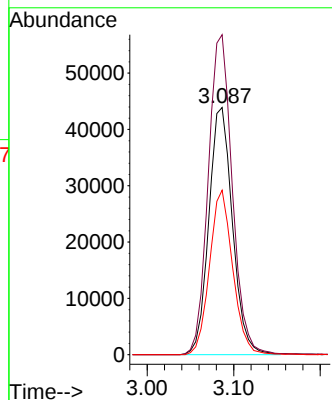
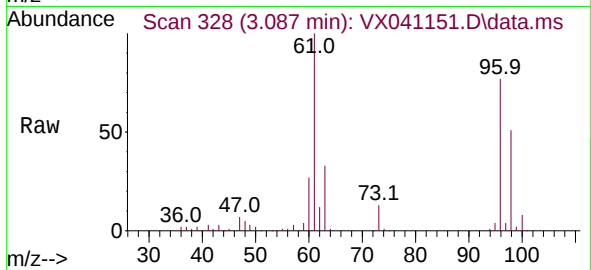




#17
trans-1,2-Dichloroethene
Concen: 48.858 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

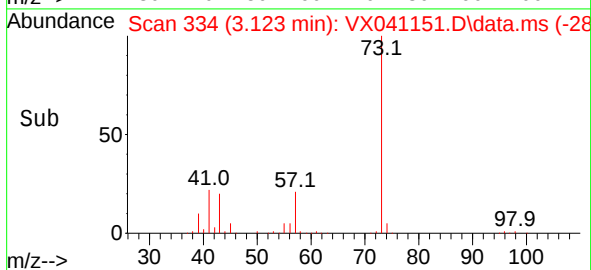
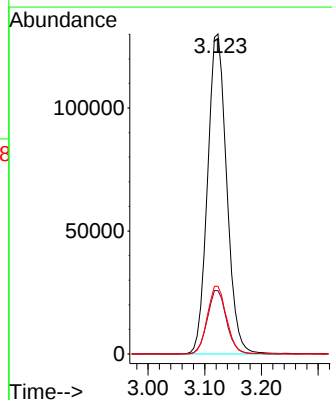
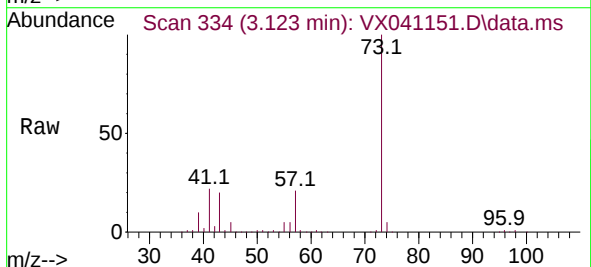
Instrument :
MSVOA_X
ClientSampleId :

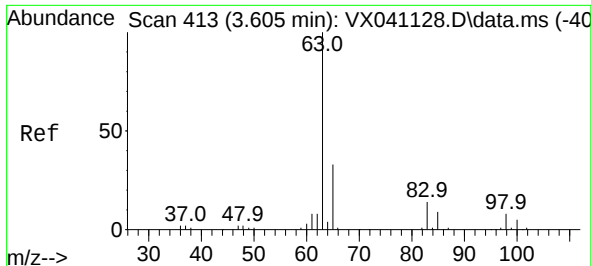
Tgt Ion: 96 Resp: 83429
Ion Ratio Lower Upper
96 100
61 129.5 89.6 166.4
98 66.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 51.871 ug/L
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

Tgt Ion: 73 Resp: 304919
Ion Ratio Lower Upper
73 100
43 20.0 16.1 24.1
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 51.024 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

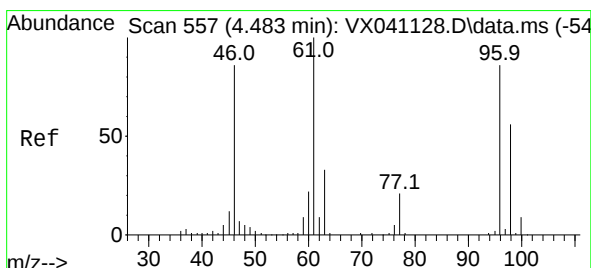
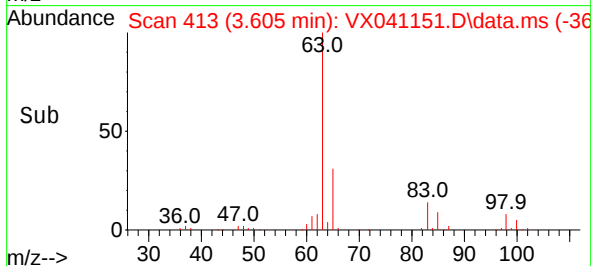
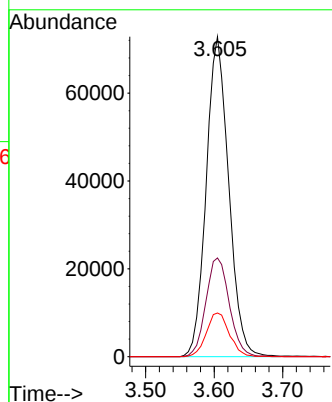
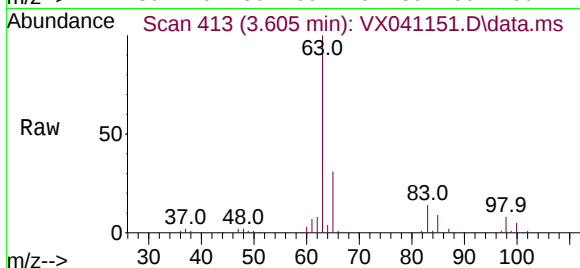
Tgt Ion: 63 Resp: 166019

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.3

83 13.7 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 50.693 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

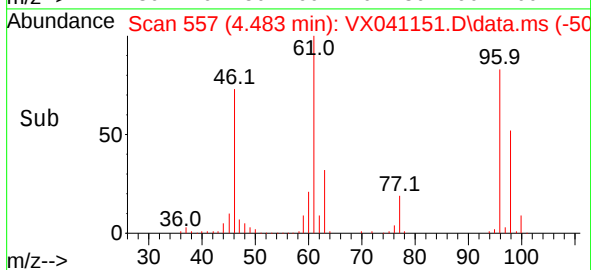
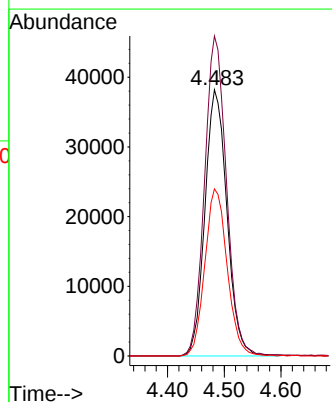
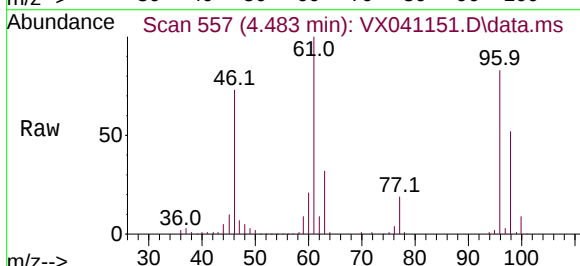
Tgt Ion: 96 Resp: 103191

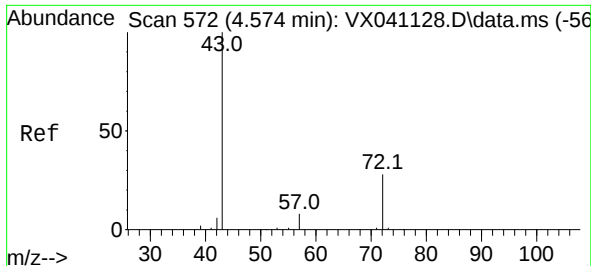
Ion Ratio Lower Upper

96 100

61 120.2 86.5 160.7

98 62.8 45.4 84.2

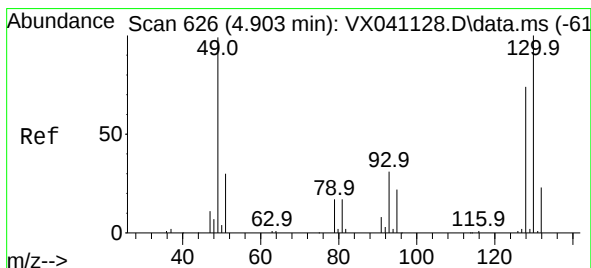
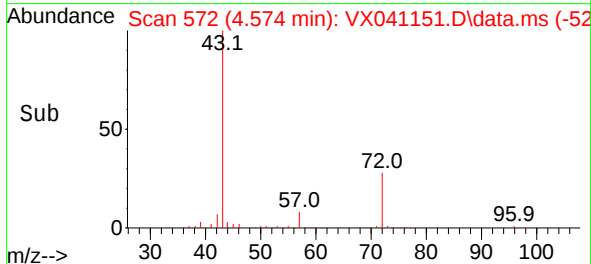
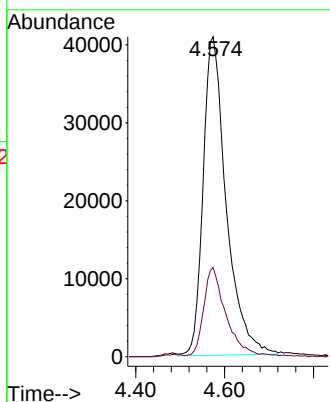
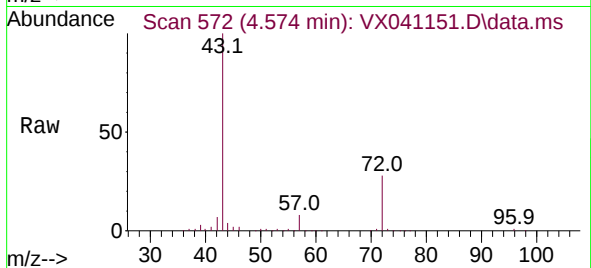




#22
2-Butanone
Concen: 99.827 ug/L
RT: 4.574 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

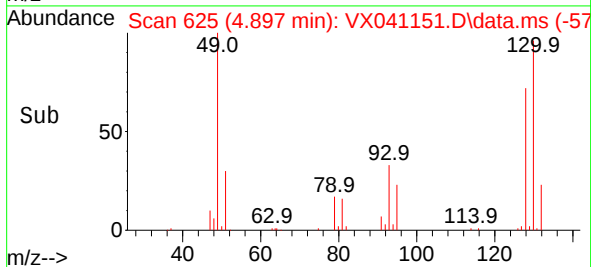
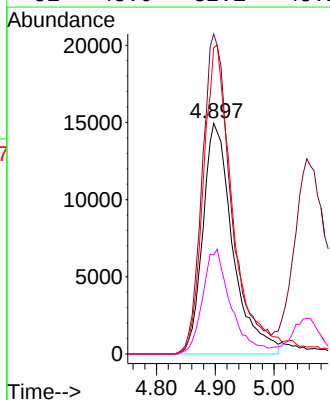
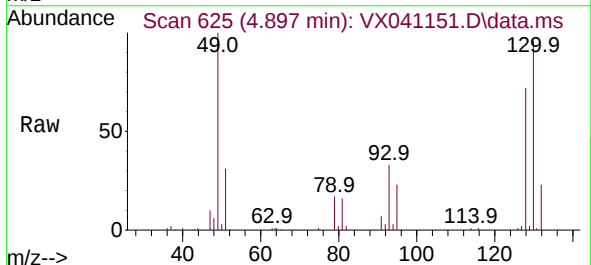
Instrument :
MSVOA_X
ClientSampleId :

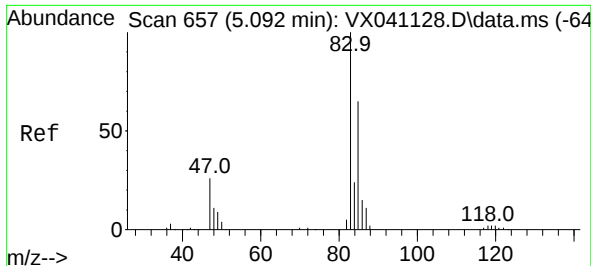
Tgt Ion: 43 Resp: 147871
Ion Ratio Lower Upper
43 100
72 26.0 12.5 37.5



#23
Bromochloromethane
Concen: 49.789 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

Tgt Ion: 128 Resp: 52768
Ion Ratio Lower Upper
128 100
49 138.7 97.2 180.6
130 132.9 90.6 168.2
51 43.0 32.1 48.1





#25

Chloroform

Concen: 50.872 ug/L

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

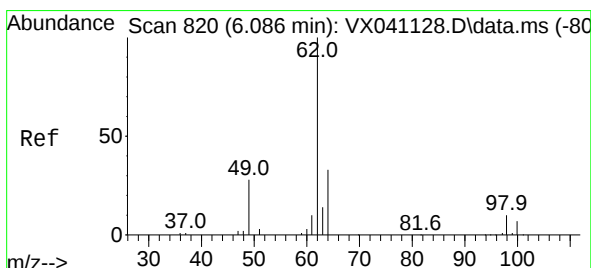
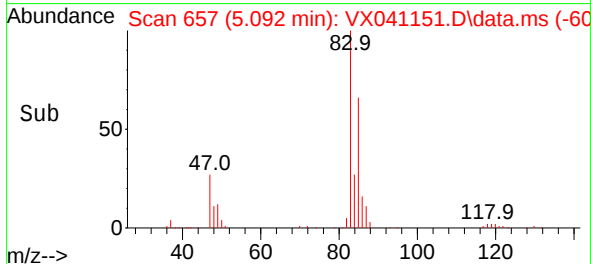
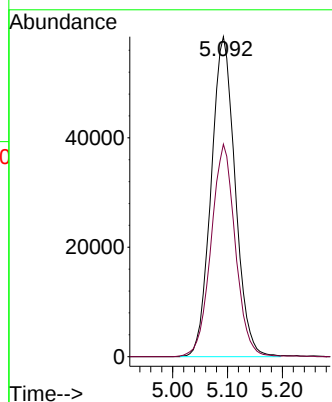
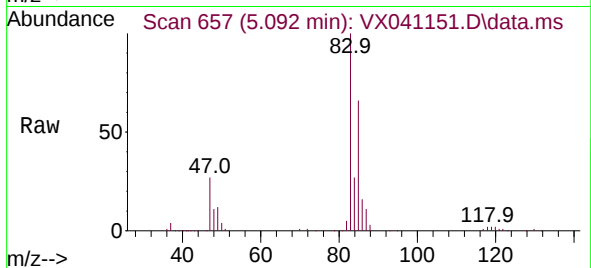
ClientSampleId :

Tgt Ion: 83 Resp: 177823

Ion Ratio Lower Upper

83 100

85 66.4 45.9 85.3



#27

1,2-Dichloroethane

Concen: 50.876 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX041151.D

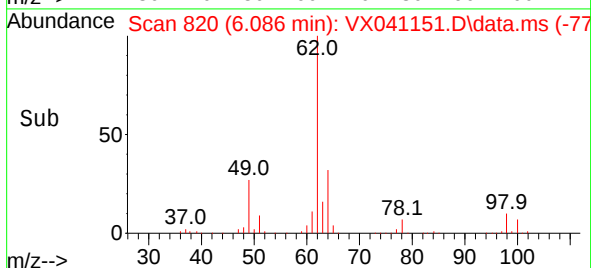
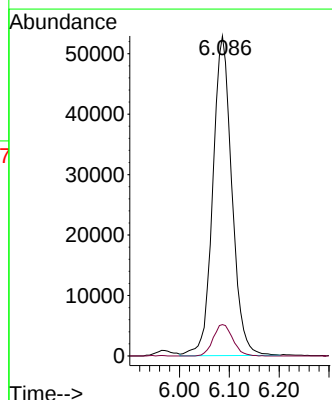
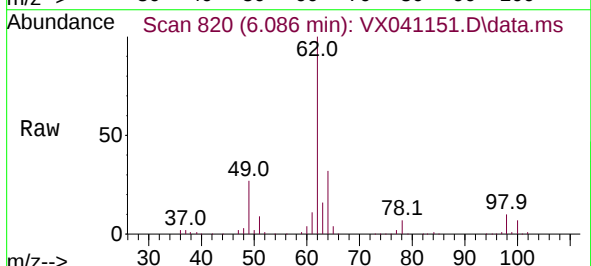
Acq: 18 Apr 2024 01:18

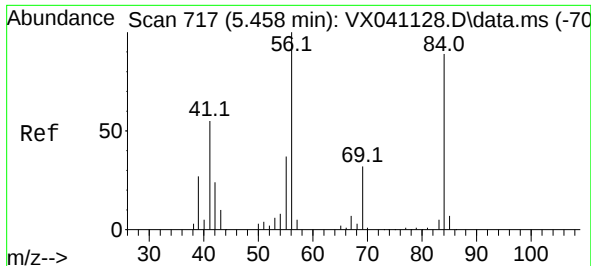
Tgt Ion: 62 Resp: 140342

Ion Ratio Lower Upper

62 100

98 9.8 7.9 11.9





#29

Cyclohexane

Concen: 50.104 ug/L

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

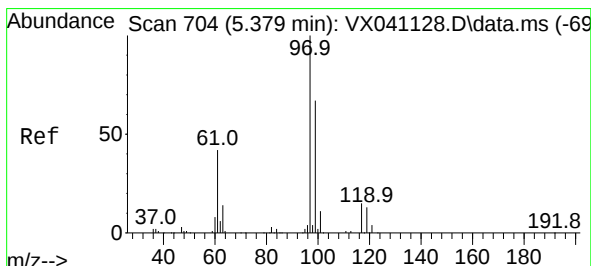
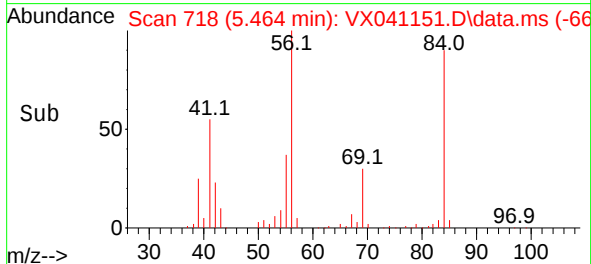
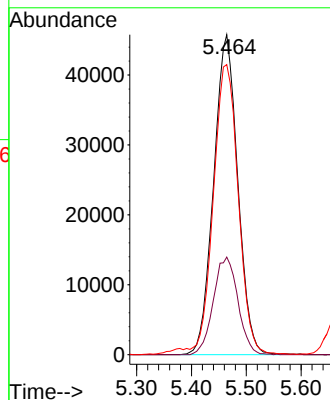
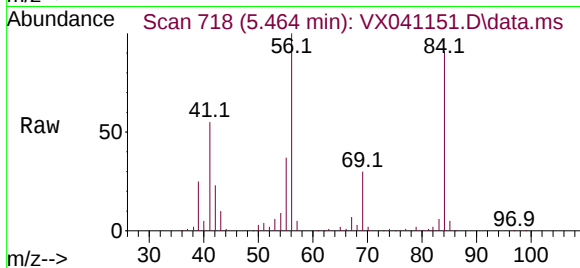
Tgt Ion: 56 Resp: 139611

Ion Ratio Lower Upper

56 100

69 31.0 25.1 37.7

84 92.3 75.0 112.6



#30

1,1,1-Trichloroethane

Concen: 50.511 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

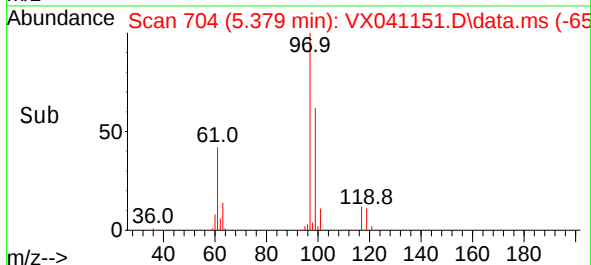
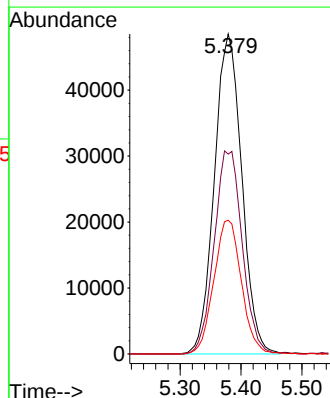
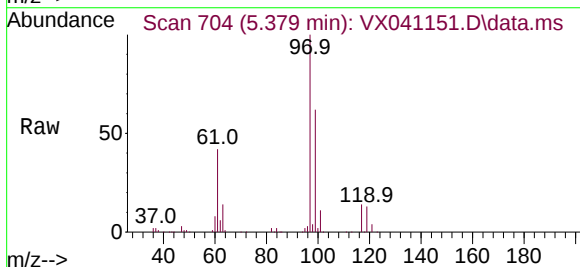
Tgt Ion: 97 Resp: 151786

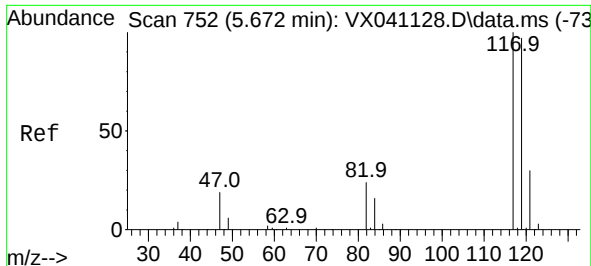
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.2

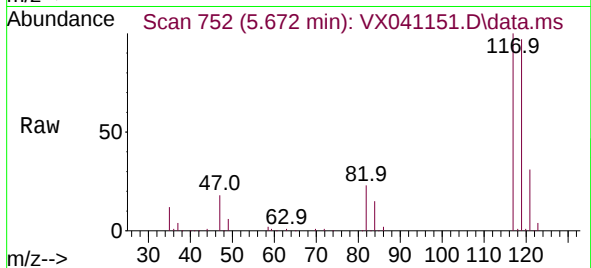
61 42.0 33.9 50.9



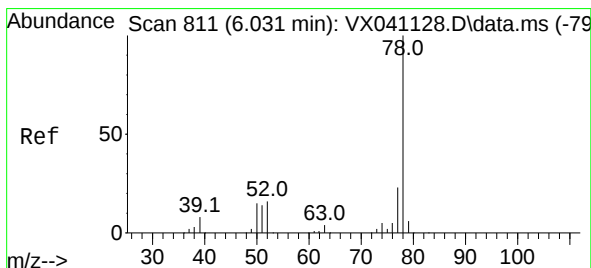
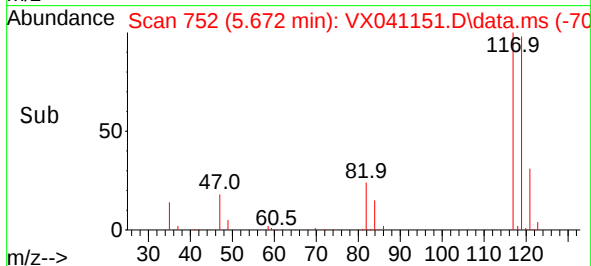
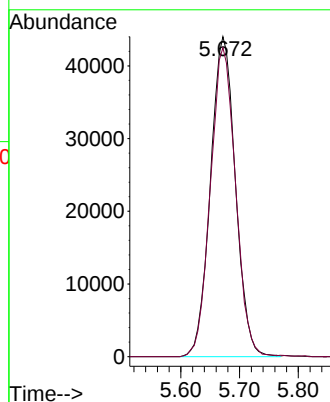


#31
Carbon tetrachloride
Concen: 50.298 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

Instrument :
MSVOA_X
ClientSampleId :

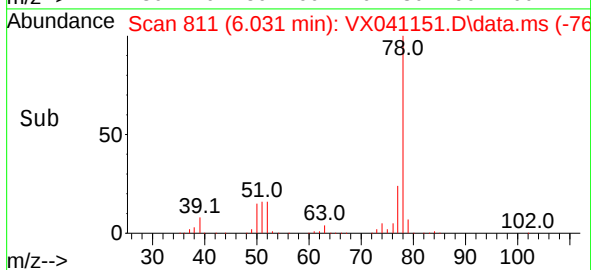
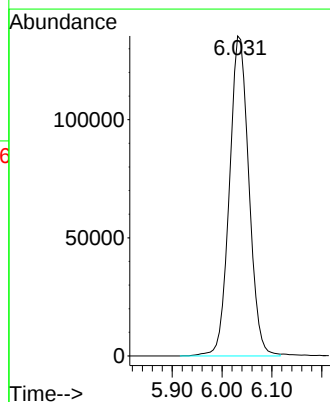
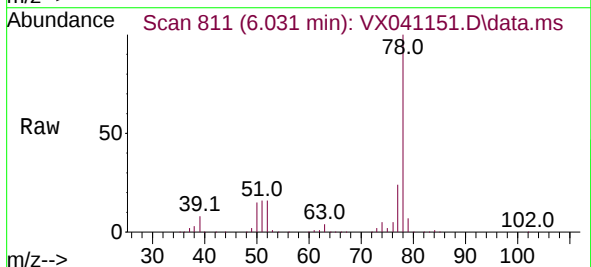


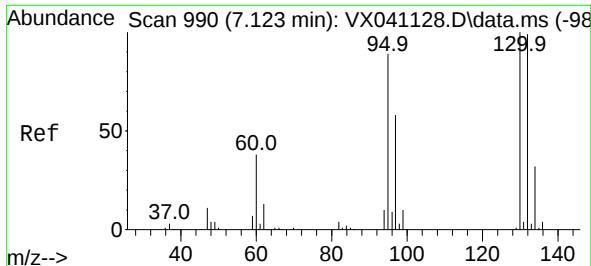
Tgt Ion:117 Resp: 129938
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1



#33
Benzene
Concen: 50.865 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

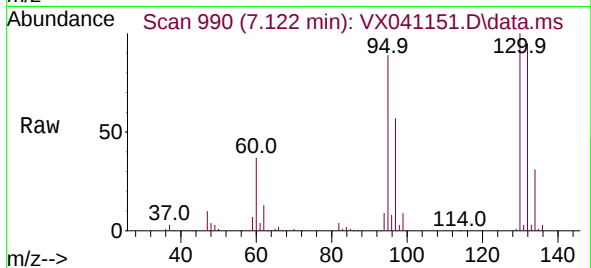
Tgt Ion: 78 Resp: 367465





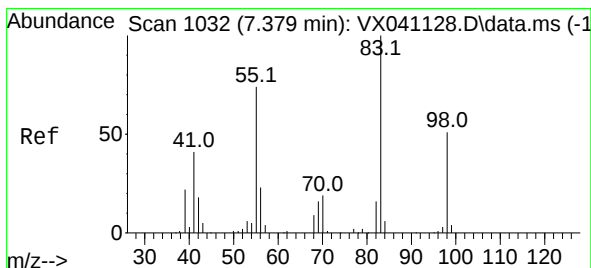
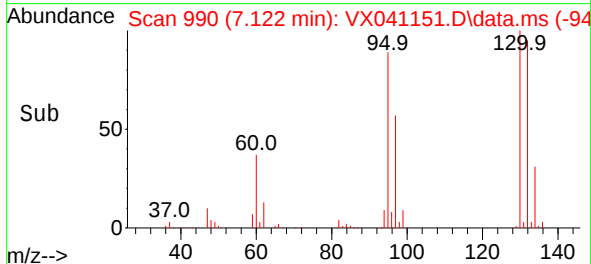
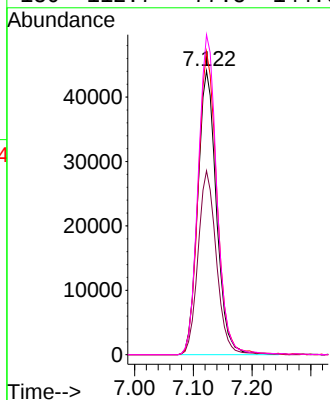
#34
Trichloroethene
Concen: 49.847 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 97483

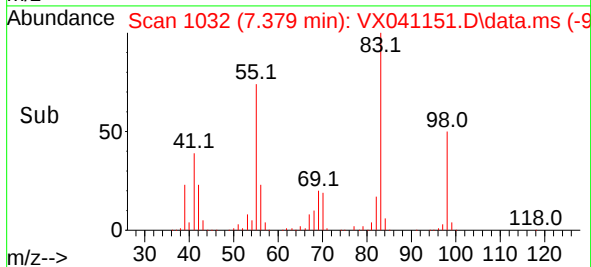
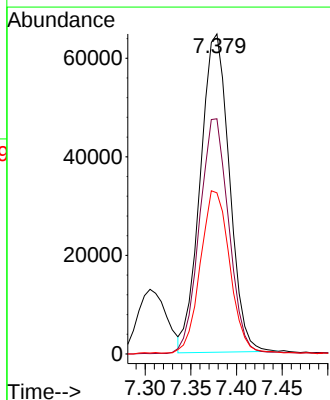
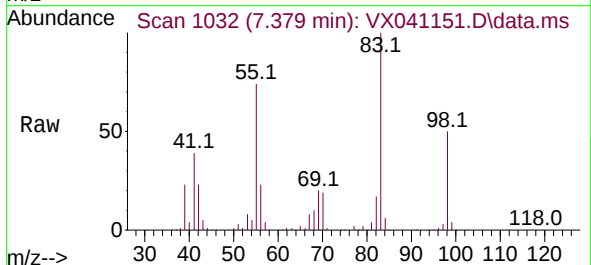
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.1	81.9
132	106.8	74.6	138.6
130	112.7	77.8	144.6

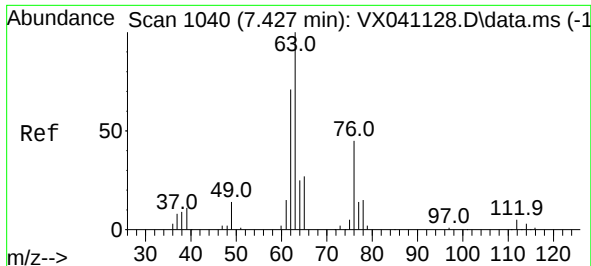


#35
Methylcyclohexane
Concen: 48.092 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

Tgt Ion: 83 Resp: 142943

Ion	Ratio	Lower	Upper
83	100		
55	73.9	58.7	88.1
98	52.3	40.5	60.7





#37

1,2-Dichloropropane

Concen: 50.582 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

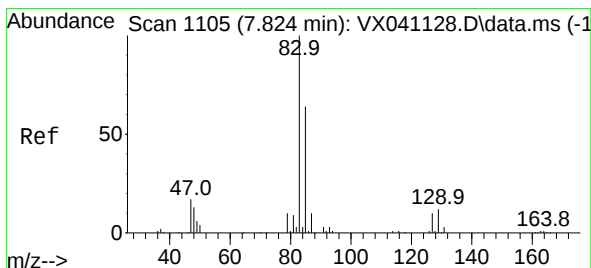
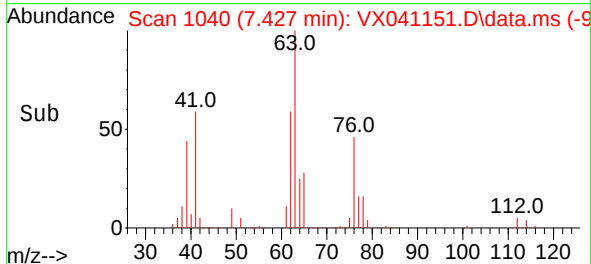
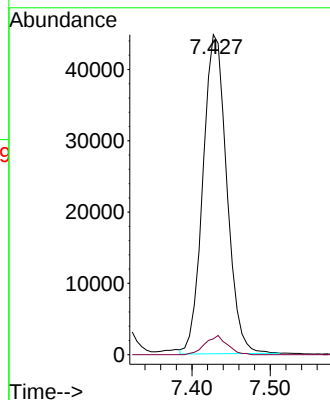
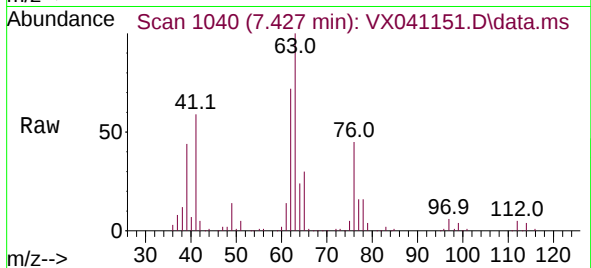
ClientSampleId :

Tgt Ion: 63 Resp: 94759

Ion Ratio Lower Upper

63 100

112 5.5 4.2 6.4



#38

Bromodichloromethane

Concen: 50.453 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

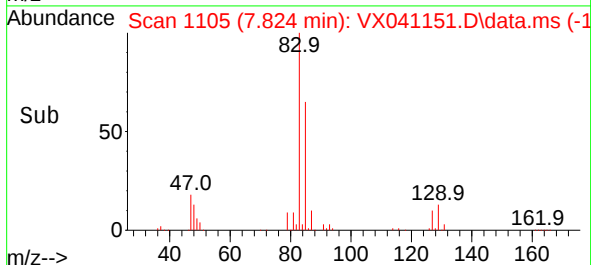
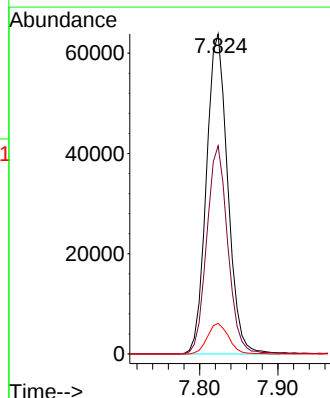
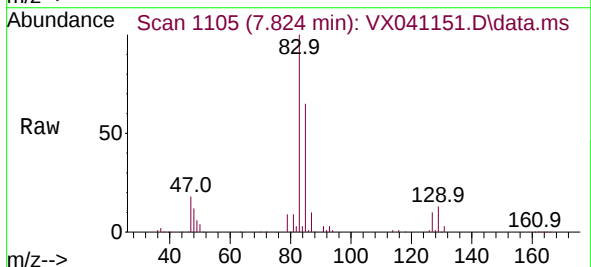
Tgt Ion: 83 Resp: 120817

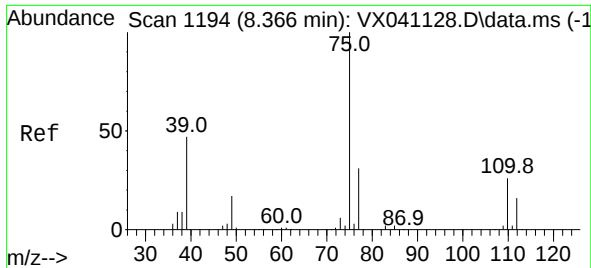
Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.8

127 9.5 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 49.016 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

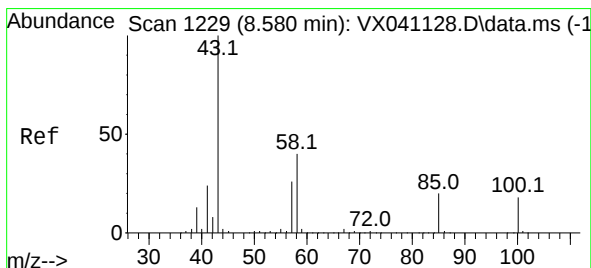
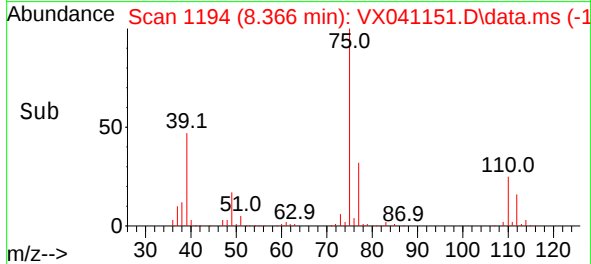
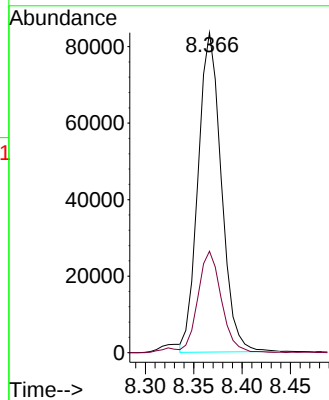
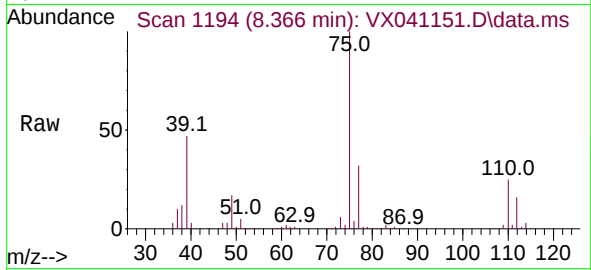
ClientSampleId :

Tgt Ion: 75 Resp: 139838

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 103.953 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

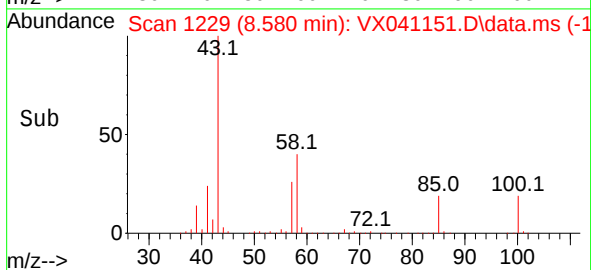
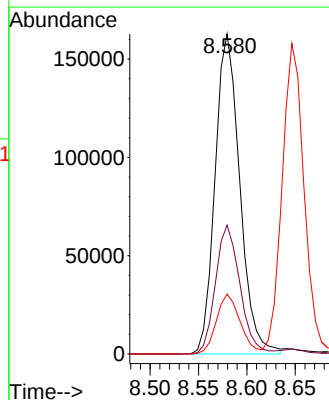
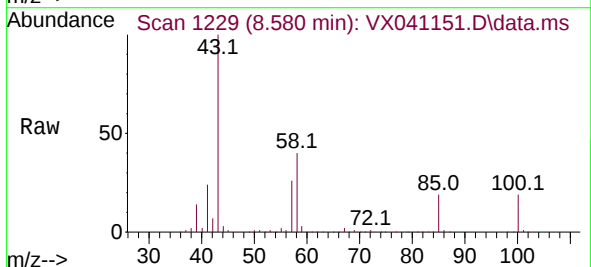
Tgt Ion: 43 Resp: 289405

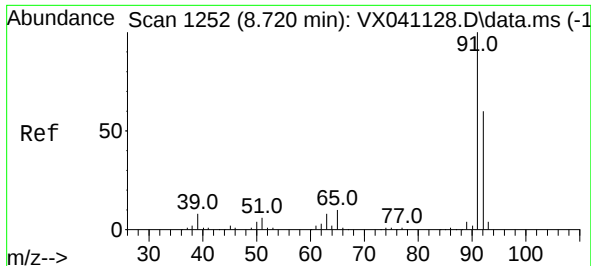
Ion Ratio Lower Upper

43 100

58 39.8 30.6 46.0

100 18.1 13.8 20.6





#42

Toluene

Concen: 51.094 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

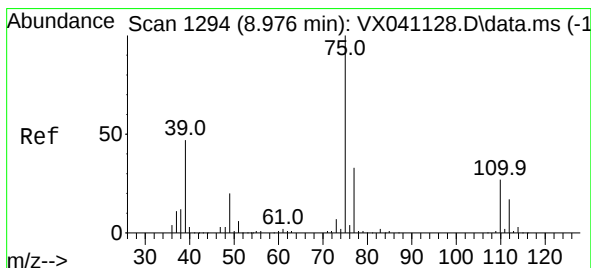
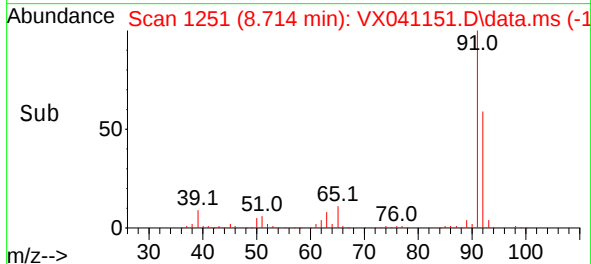
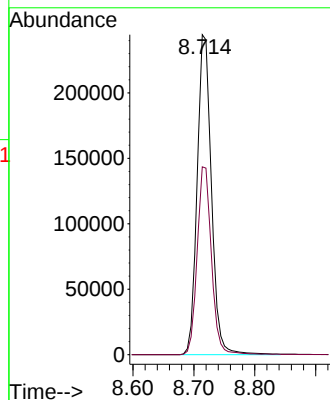
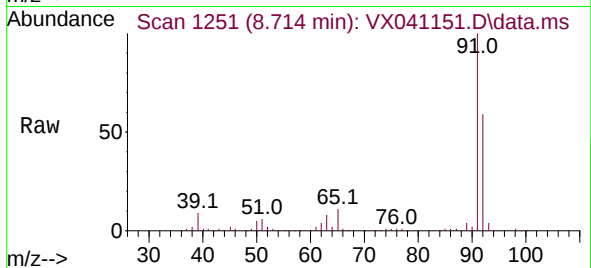
ClientSampleId :

Tgt Ion: 91 Resp: 398079

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 49.247 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX041151.D

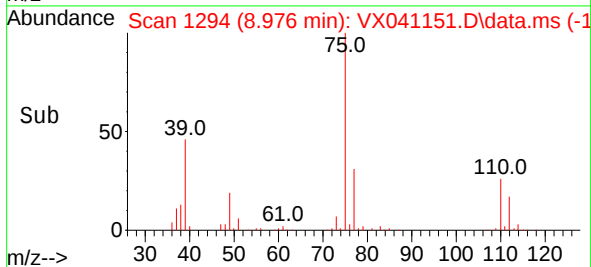
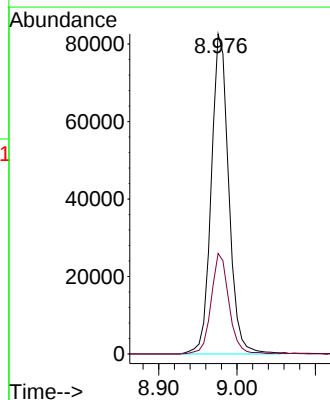
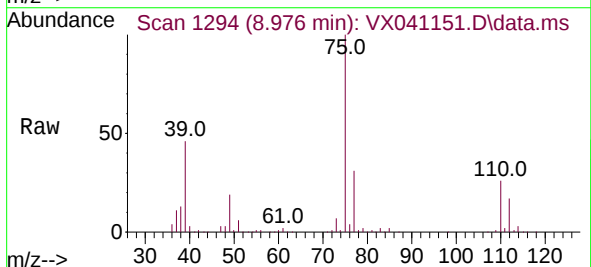
Acq: 18 Apr 2024 01:18

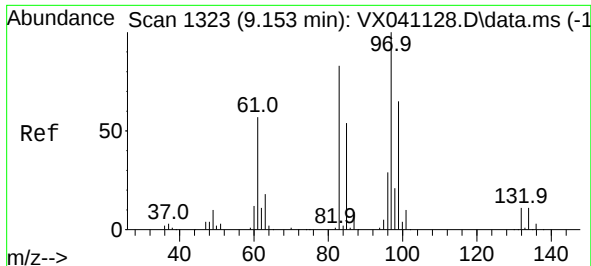
Tgt Ion: 75 Resp: 128012

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6

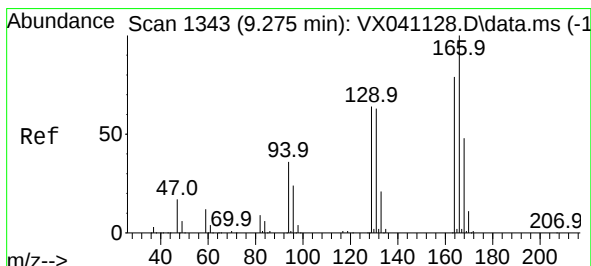
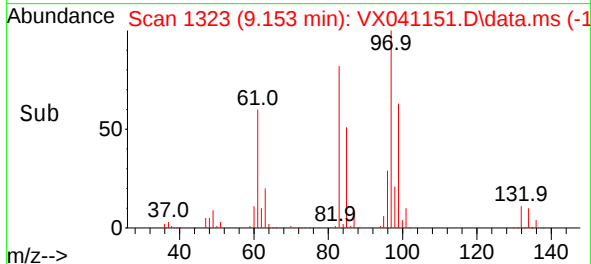
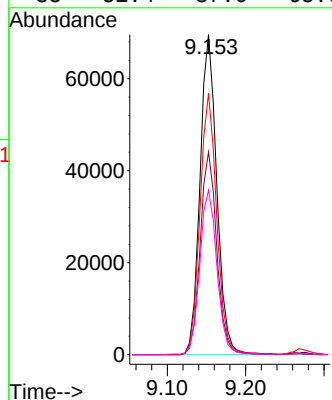
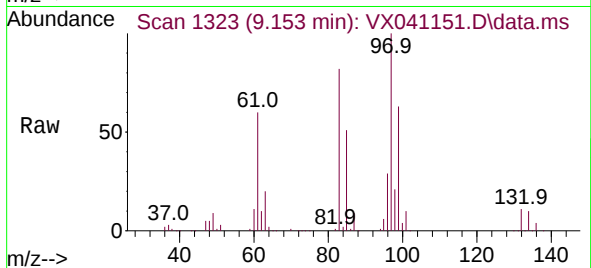




#45
1,1,2-Trichloroethane
Concen: 51.472 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

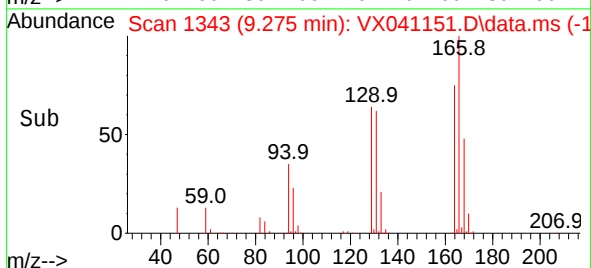
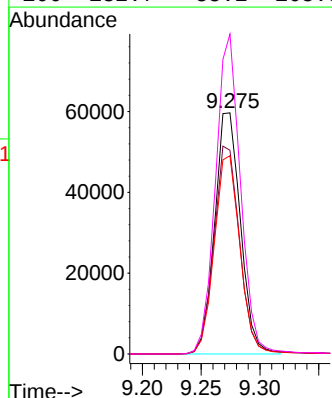
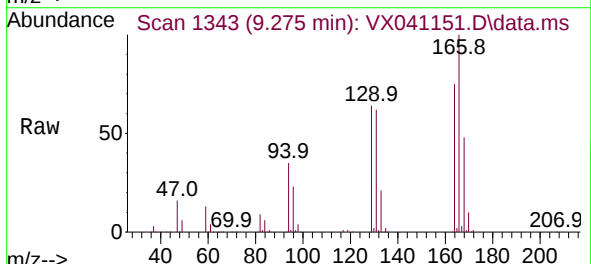
Instrument :
MSVOA_X
ClientSampleId :

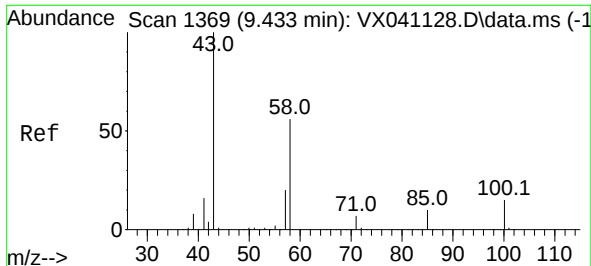
Tgt Ion:	97	Resp:	103929
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.4	82.4
83	81.6	57.3	106.5
85	51.4	37.0	68.6



#46
Tetrachloroethene
Concen: 48.838 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041151.D
Acq: 18 Apr 2024 01:18

Tgt Ion:	164	Resp:	91446
Ion	Ratio	Lower	Upper
164	100		
129	84.4	56.5	104.9
131	82.2	55.2	102.4
166	132.7	88.2	163.8





#48

2-Hexanone

Concen: 105.235 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 227531

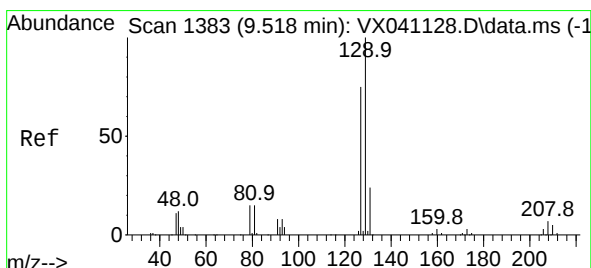
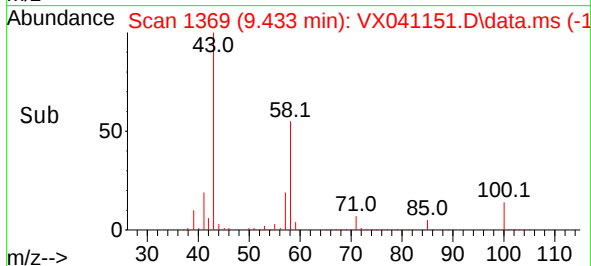
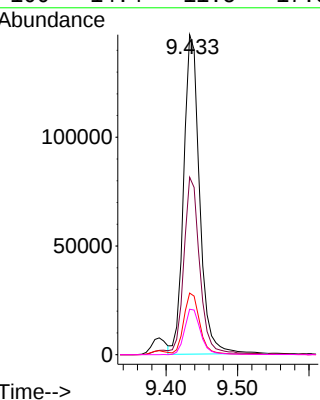
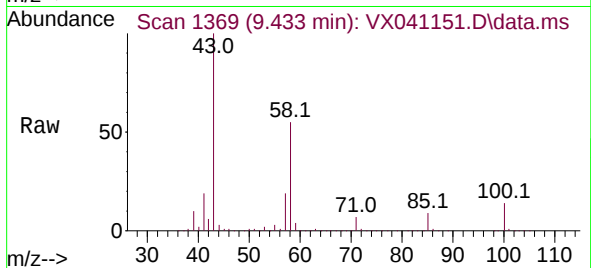
Ion Ratio Lower Upper

43 100

58 55.7 43.8 65.8

57 19.6 15.0 22.6

100 14.4 11.5 17.3



#49

Dibromochloromethane

Concen: 51.322 ug/L

RT: 9.524 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX041151.D

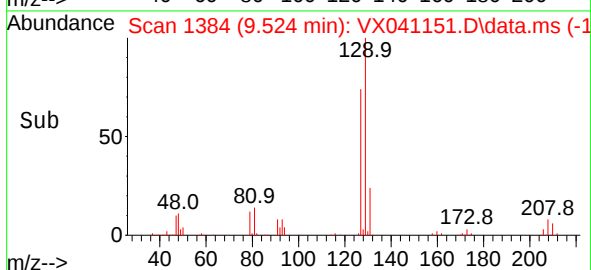
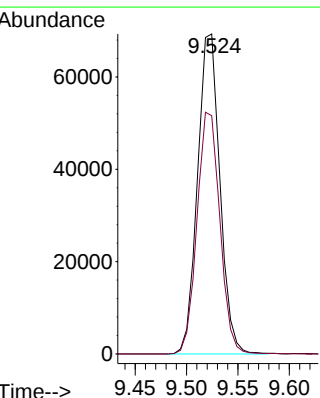
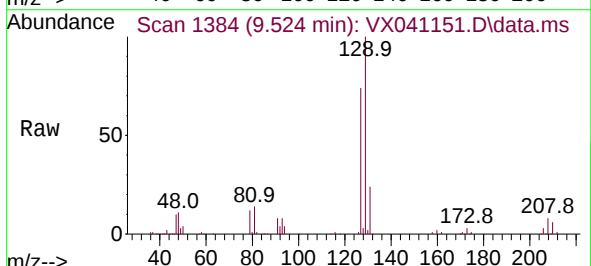
Acq: 18 Apr 2024 01:18

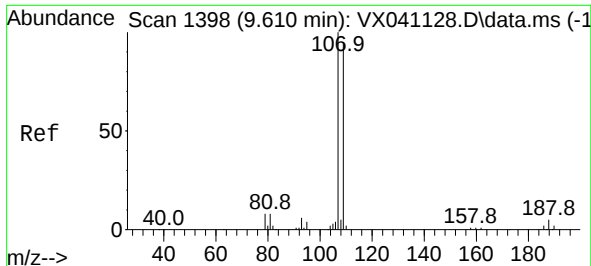
Tgt Ion:129 Resp: 105261

Ion Ratio Lower Upper

129 100

127 74.5 53.9 100.1





#50

1,2-Dibromoethane

Concen: 51.912 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX041151.D

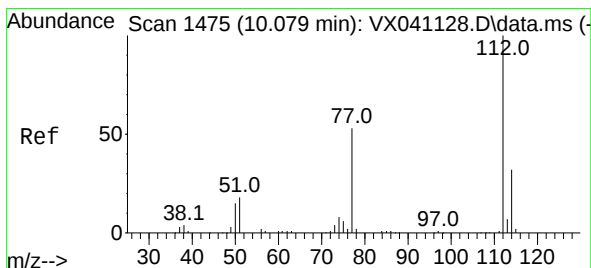
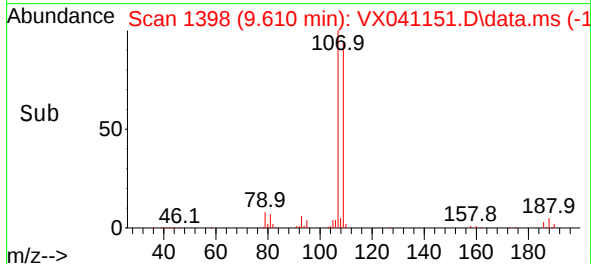
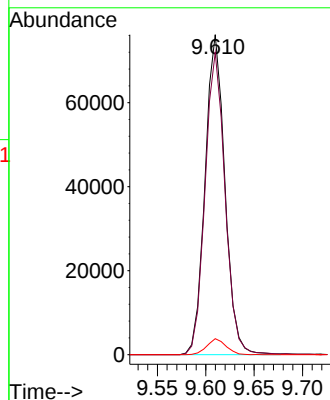
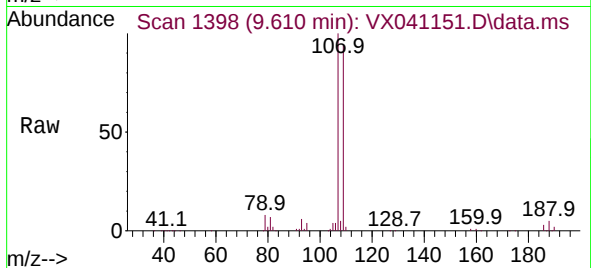
Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp: 109172
Ion Ratio	Lower Upper
107	100
109	94.5 66.6 123.6
188	5.0 3.8 5.8



#51

Chlorobenzene

Concen: 50.096 ug/L

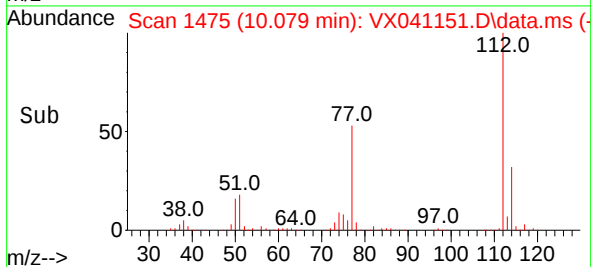
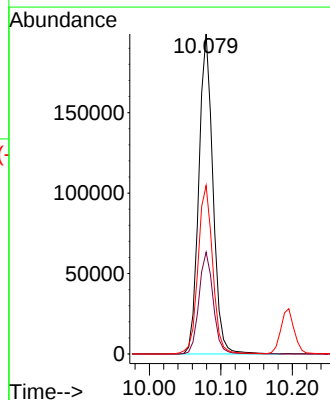
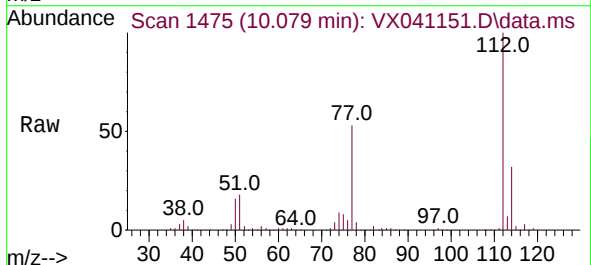
RT: 10.079 min Scan# 1475

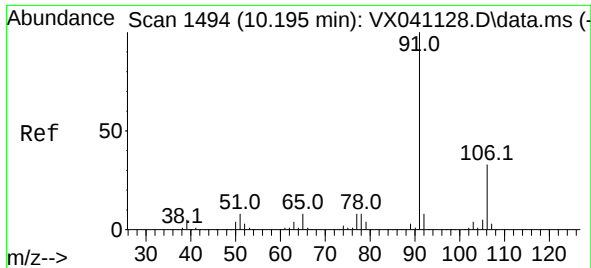
Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Tgt Ion:112	Resp: 272043
Ion Ratio	Lower Upper
112	100
114	31.8 22.5 41.9
77	52.7 42.6 64.0





#52

Ethylbenzene

Concen: 50.703 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

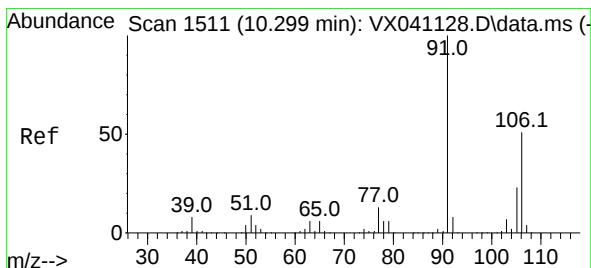
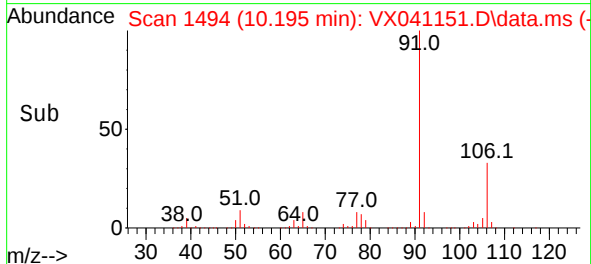
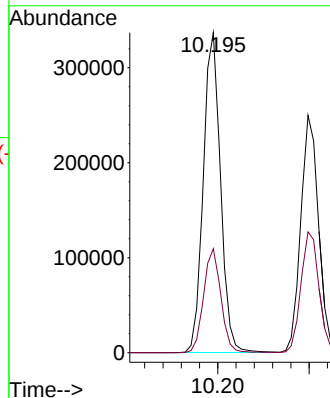
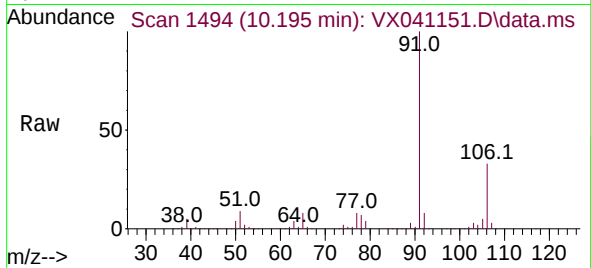
ClientSampleId :

Tgt Ion: 91 Resp: 440130

Ion Ratio Lower Upper

91 100

106 32.5 22.7 42.3



#53

m,p-Xylene

Concen: 51.405 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX041151.D

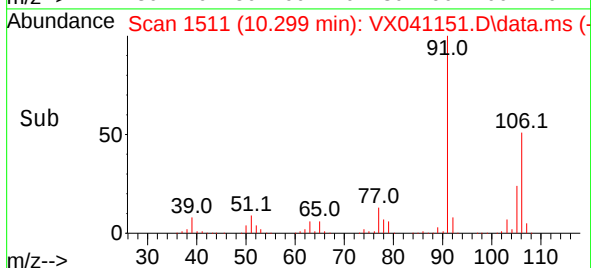
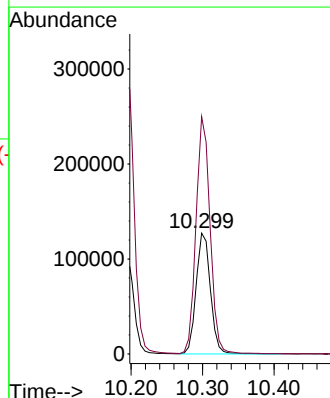
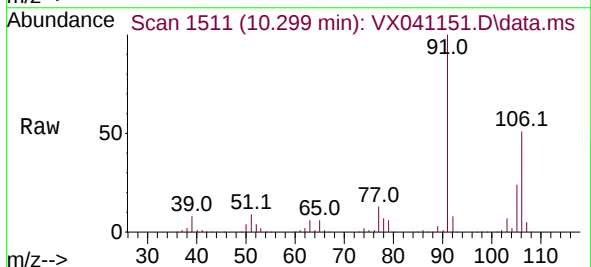
Acq: 18 Apr 2024 01:18

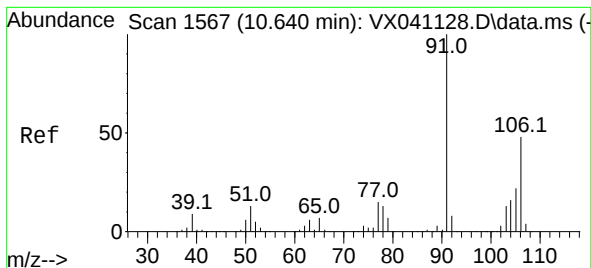
Tgt Ion:106 Resp: 176650

Ion Ratio Lower Upper

106 100

91 196.4 137.2 254.8





#54

o-Xylene

Concen: 51.109 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

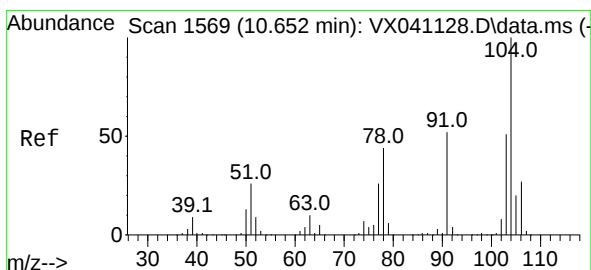
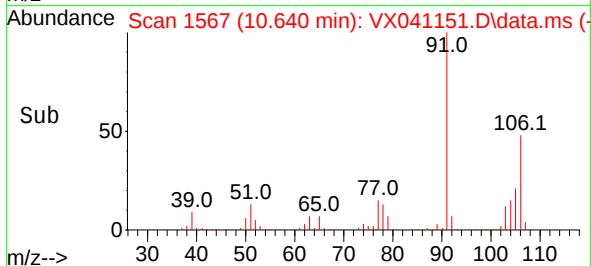
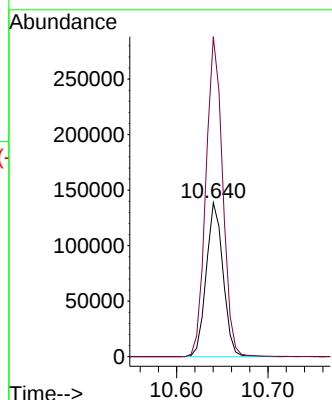
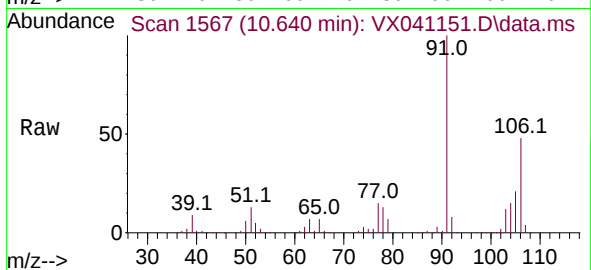
ClientSampleId :

Tgt Ion:106 Resp: 175897

Ion Ratio Lower Upper

106 100

91 207.8 145.4 270.0



#55

Styrene

Concen: 51.521 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX041151.D

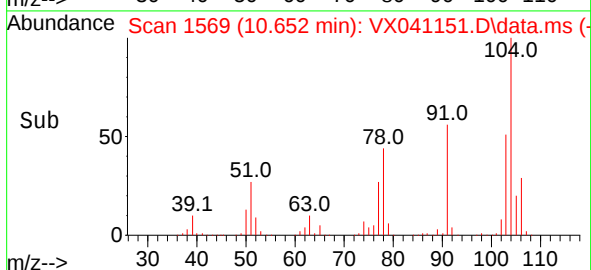
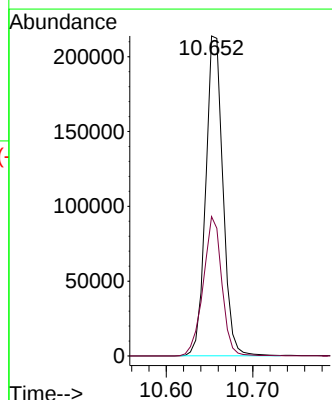
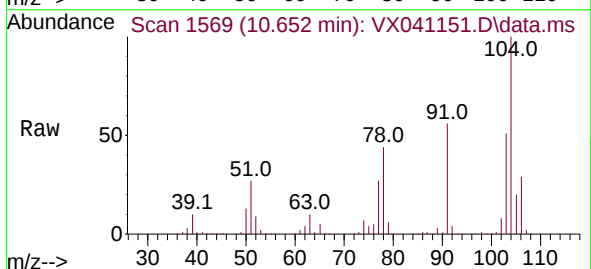
Acq: 18 Apr 2024 01:18

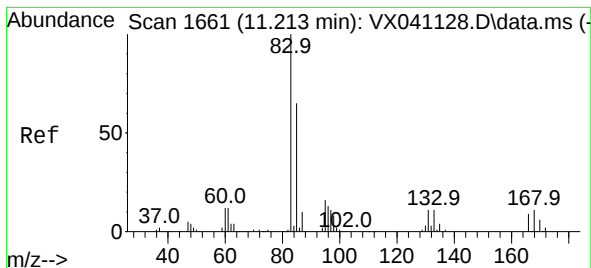
Tgt Ion:104 Resp: 295065

Ion Ratio Lower Upper

104 100

78 43.6 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 51.776 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

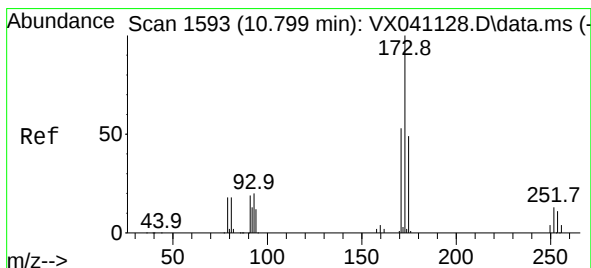
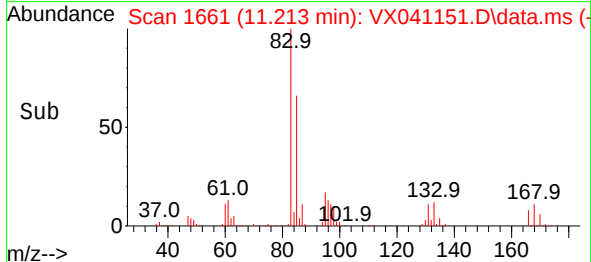
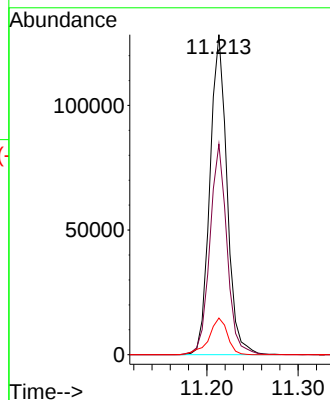
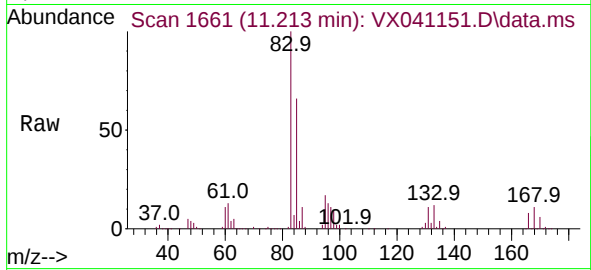
Tgt Ion: 83 Resp: 166916

Ion Ratio Lower Upper

83 100

85 65.8 45.0 83.6

131 11.5 9.0 13.4



#59

Bromoform

Concen: 52.248 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

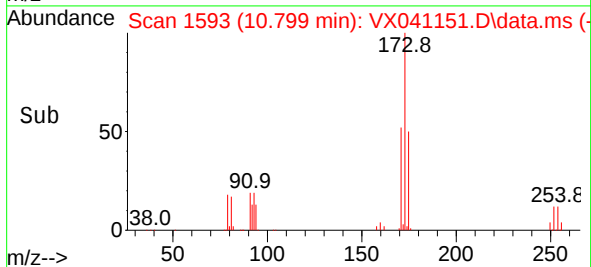
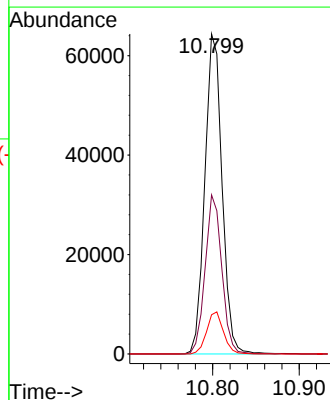
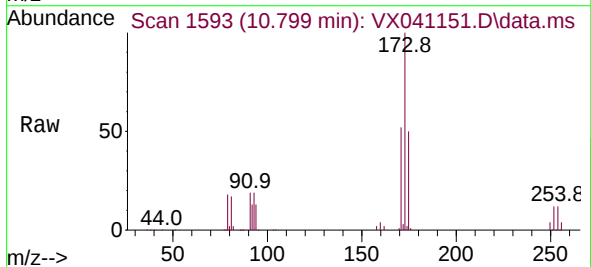
Tgt Ion:173 Resp: 88914

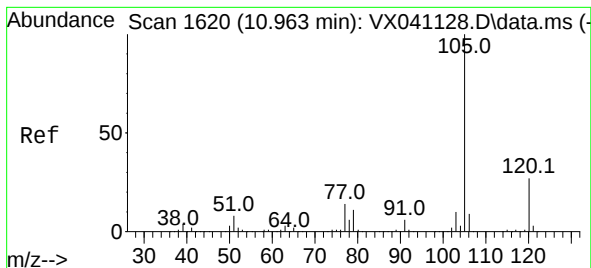
Ion Ratio Lower Upper

173 100

175 48.1 39.4 59.2

254 12.8 10.5 15.7





#60

Isopropylbenzene

Concen: 52.630 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

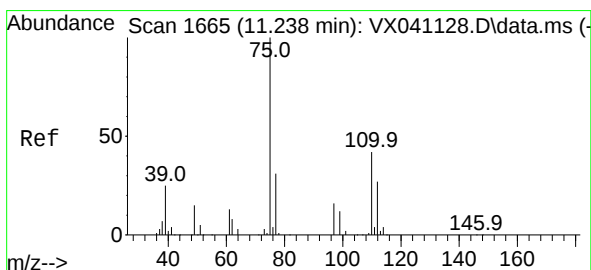
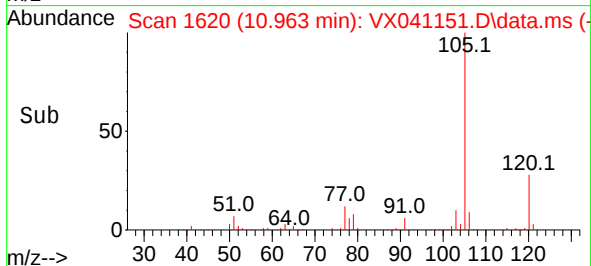
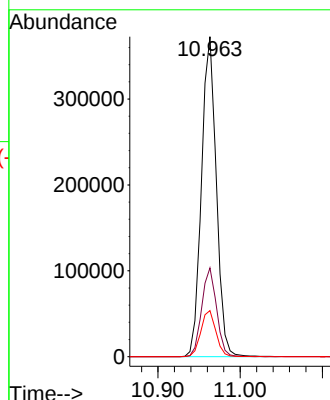
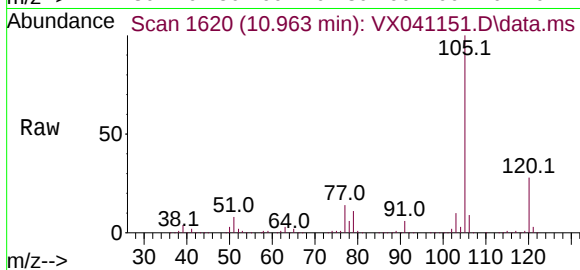
Tgt Ion:105 Resp: 467741

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: 51.996 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

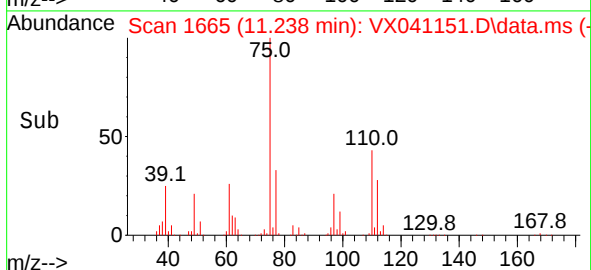
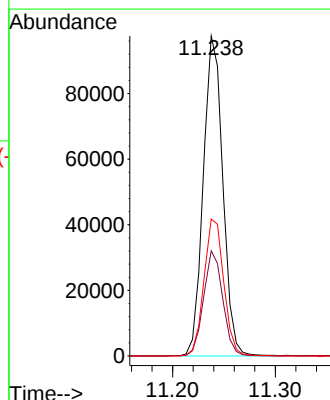
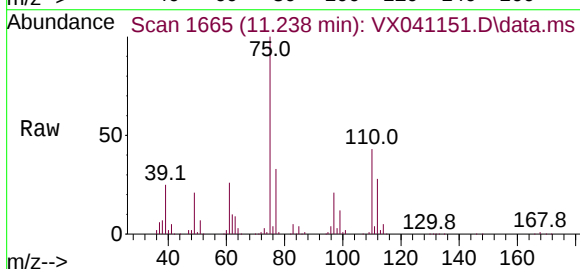
Tgt Ion: 75 Resp: 129162

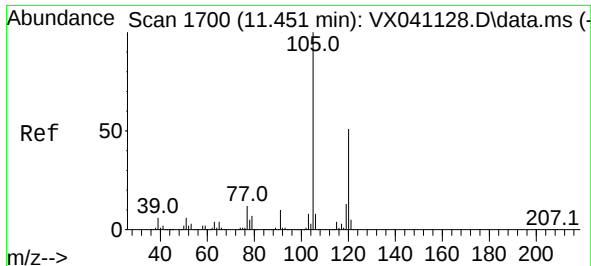
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

110 43.4 35.0 52.6





#62

1,3,5-Trimethylbenzene

Concen: 52.592 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

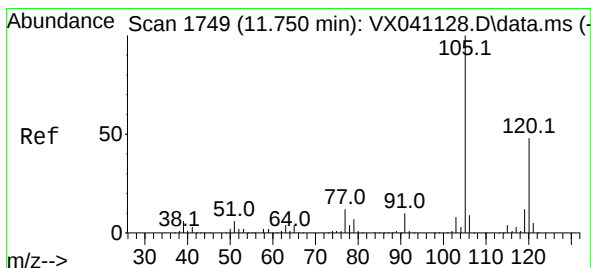
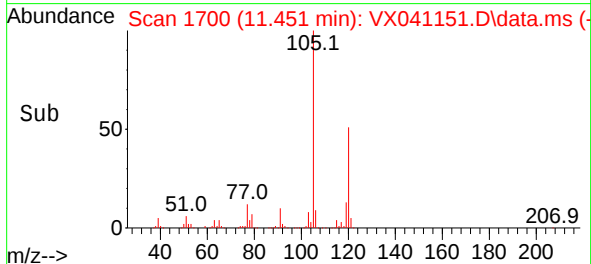
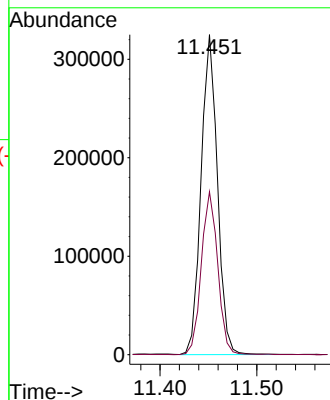
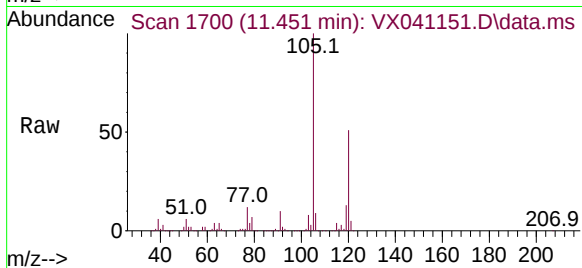
ClientSampleId :

Tgt Ion:105 Resp: 381648

Ion Ratio Lower Upper

105 100

120 51.2 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 52.161 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041151.D

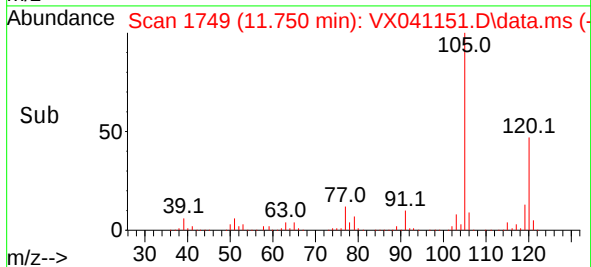
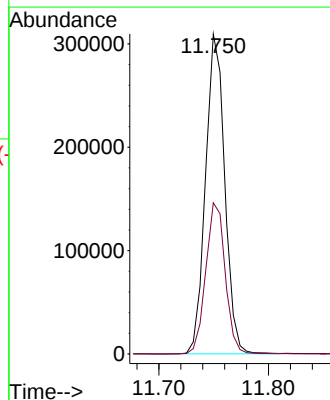
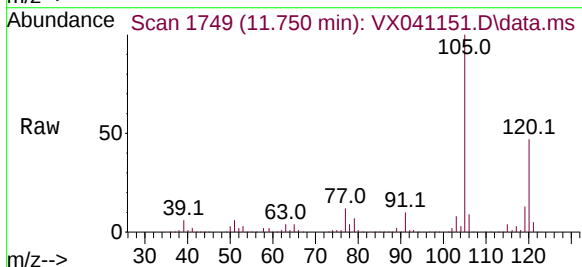
Acq: 18 Apr 2024 01:18

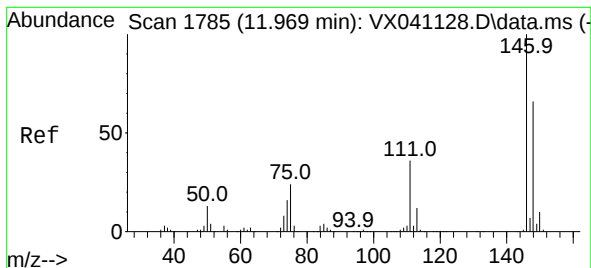
Tgt Ion:105 Resp: 376480

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 50.437 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

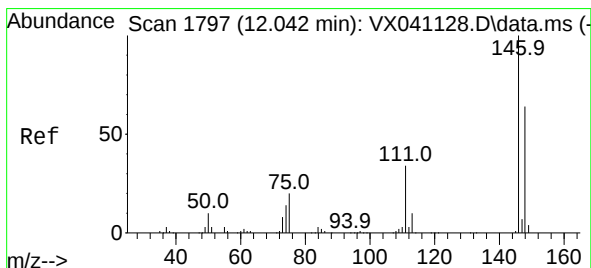
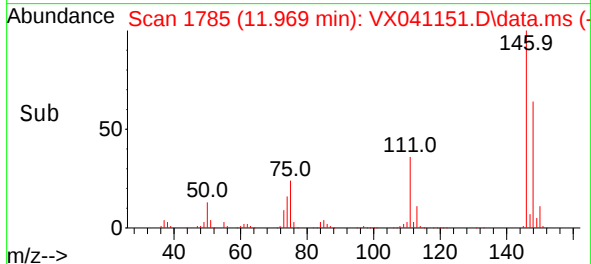
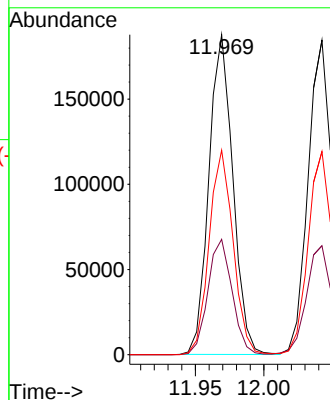
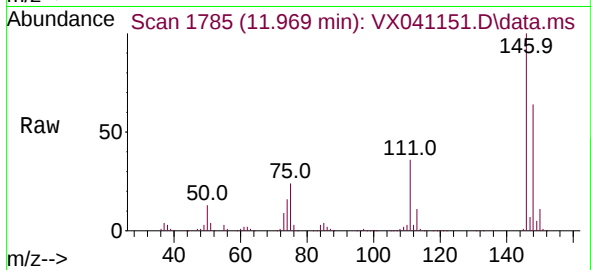
Tgt Ion:146 Resp: 228712

Ion Ratio Lower Upper

146 100

111 36.1 25.6 47.4

148 63.9 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 49.353 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

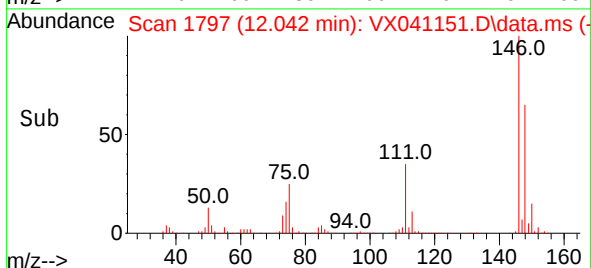
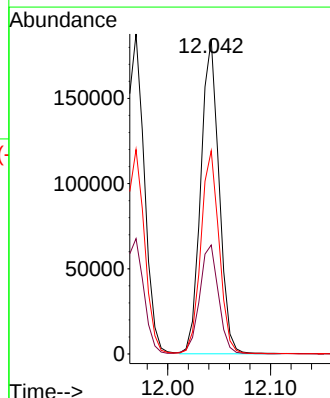
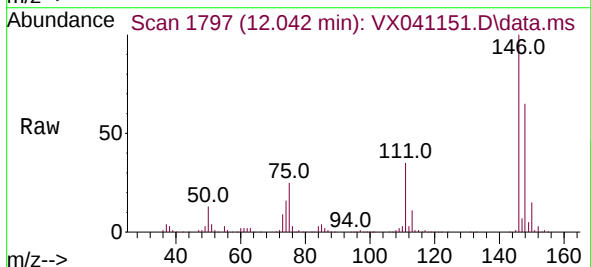
Tgt Ion:146 Resp: 228300

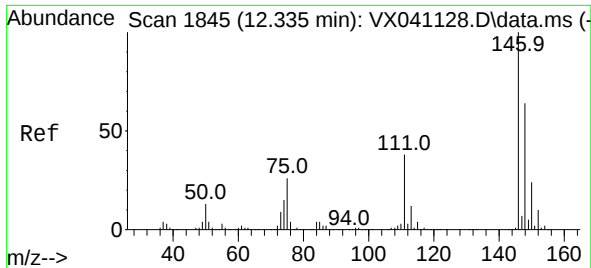
Ion Ratio Lower Upper

146 100

111 34.6 23.9 44.5

148 64.6 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 51.212 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

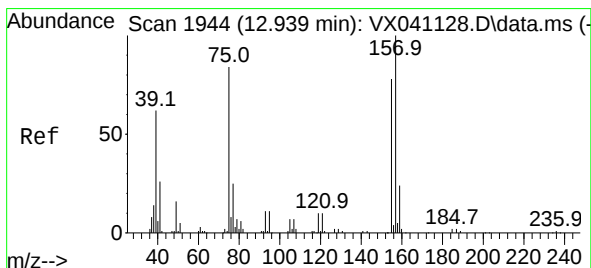
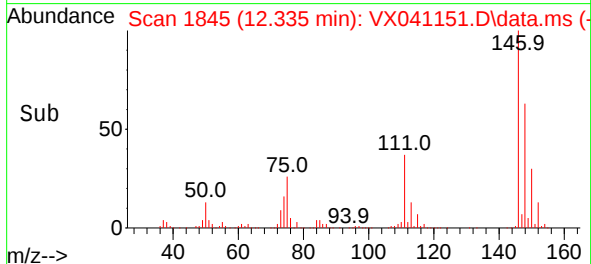
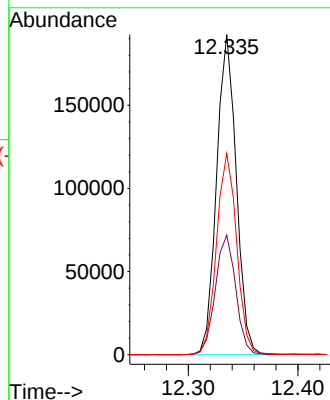
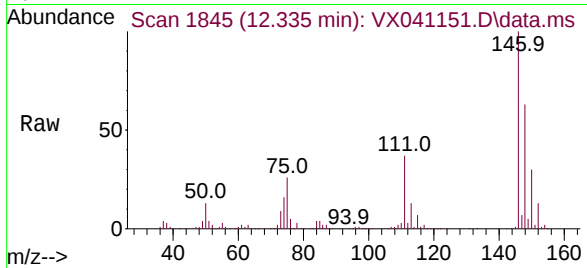
Tgt Ion:146 Resp: 240834

Ion Ratio Lower Upper

146 100

111 37.4 30.0 45.0

148 62.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.682 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

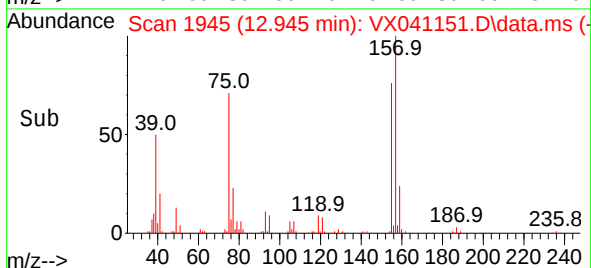
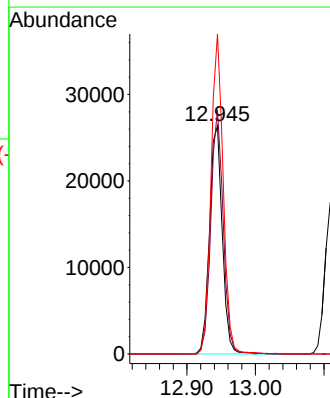
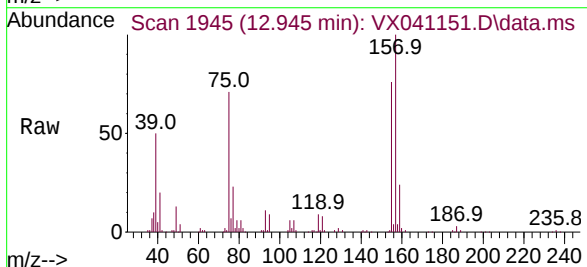
Tgt Ion: 75 Resp: 34029

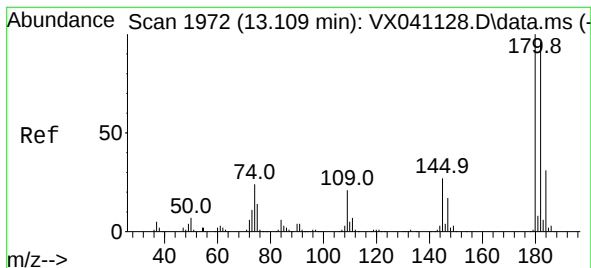
Ion Ratio Lower Upper

75 100

155 107.0 89.0 133.6

157 140.3 115.1 172.7





#69

1,3,5-Trichlorobenzene

Concen: 48.576 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. -0.000 min

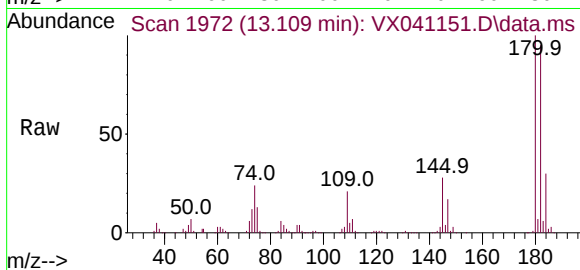
Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 171534

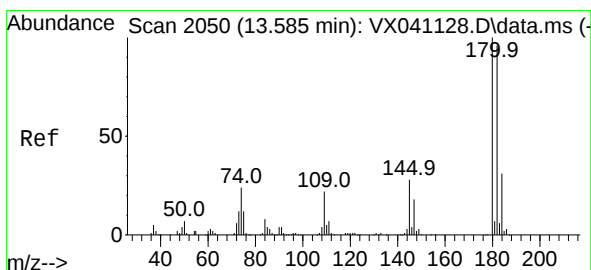
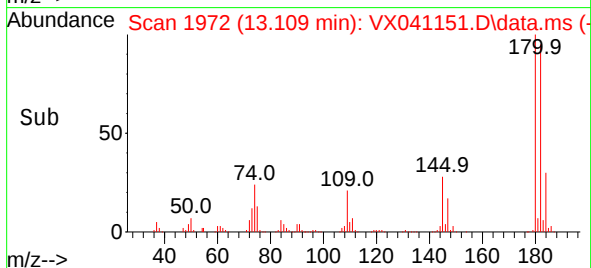
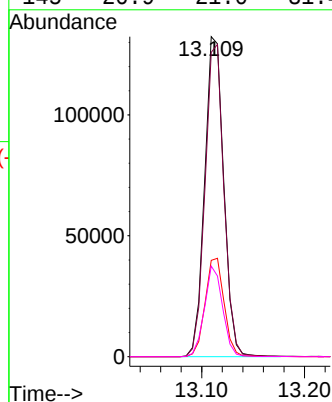
Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

184 30.7 24.3 36.5

145 26.9 21.0 31.4



#70

1,2,4-trichlorobenzene

Concen: 47.975 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

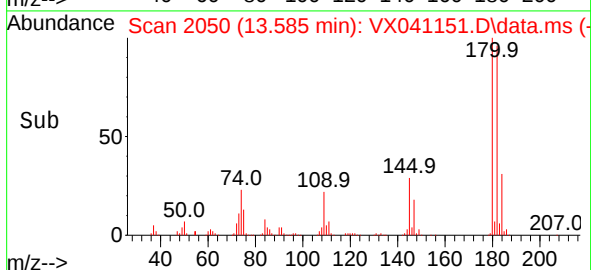
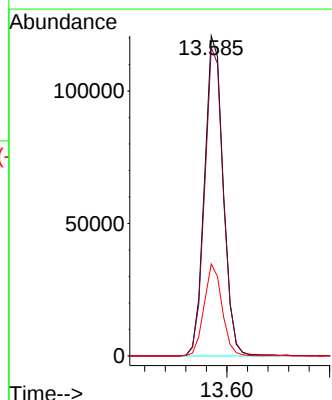
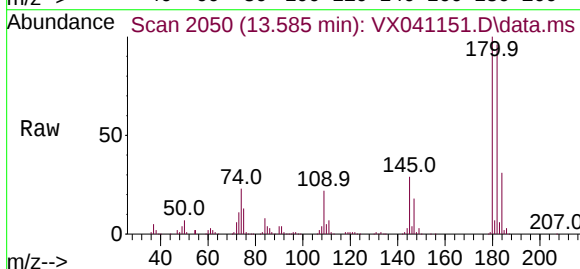
Tgt Ion:180 Resp: 152775

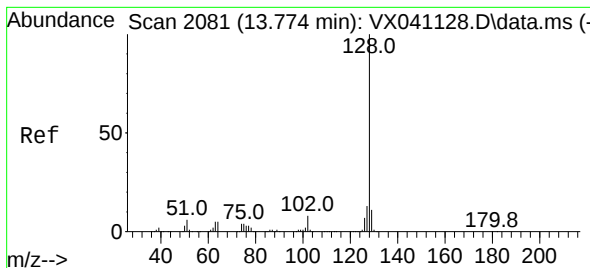
Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

145 27.6 21.8 32.6





#71

Naphthalene

Concen: 51.856 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Instrument :

MSVOA_X

ClientSampleId :

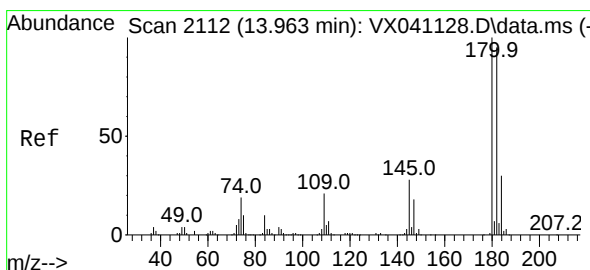
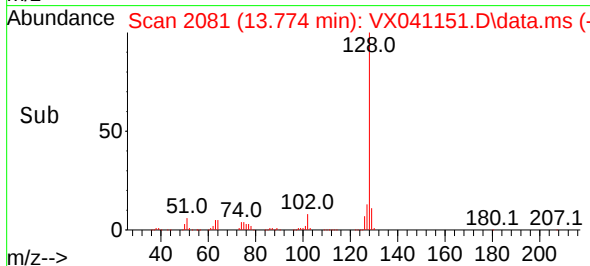
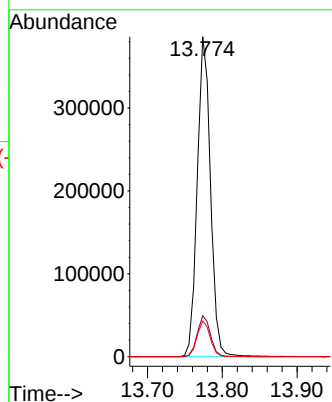
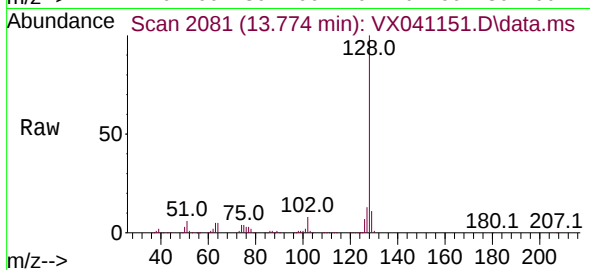
Tgt Ion:128 Resp: 473964

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.741 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041151.D

Acq: 18 Apr 2024 01:18

Tgt Ion:180 Resp: 165363

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 29.0 23.1 34.7

