

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038620.D
 Acq On : 27 Oct 2023 23:09
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 28 02:24:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	419532	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	413017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	241103	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	294740	98.066	ug/L	0.00
7) Chloroethane-d5	1.660	69	232558	75.411	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	130995	101.264	ug/L	0.00
21) 2-Butanone-d5	4.446	46	475203	227.368	ug/L	0.00
24) Chloroform-d	5.056	84	607704	110.341	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	368870	99.999	ug/L	0.00
32) Benzene-d6	5.977	84	1168322	100.484	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	344460	95.005	ug/L	0.00
41) Toluene-d8	8.647	98	1160259	103.195	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	178373	102.730	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	422693	252.052	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	572796	116.150	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	499773	108.310	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	353901	113.234	ug/L	100
3) Chloromethane	1.295	50	274167	83.952	ug/L	100
5) Vinyl chloride	1.374	62	302375	86.768	ug/L	100
6) Bromomethane	1.599	94	222777	71.933	ug/L	99
8) Chloroethane	1.685	64	182578	76.216	ug/L	98
9) Trichlorofluoromethane	1.886	101	495279	88.266	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	298358	106.230	ug/L	99
12) 1,1-Dichloroethene	2.319	96	280496	105.494	ug/L	89
13) Acetone	2.380	43	307965	201.222	ug/L	99
14) Carbon disulfide	2.514	76	769716	106.931	ug/L	99
15) Methyl Acetate	2.703	43	320266	104.470	ug/L	100
16) Methylene chloride	2.788	84	300753	104.750	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	291145	109.112	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	899459	100.880	ug/L	100
19) 1,1-Dichloroethane	3.611	63	486539	96.512	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	336262	108.602	ug/L	98
22) 2-Butanone	4.550	43	473345	210.817	ug/L	96
23) Bromochloromethane	4.898	128	179114	115.281	ug/L	99
25) Chloroform	5.093	83	559238	104.088	ug/L	99
27) 1,2-Dichloroethane	6.086	62	433066	102.726	ug/L	98
29) Cyclohexane	5.471	56	435003	94.318	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	503680	104.619	ug/L	99
31) Carbon tetrachloride	5.678	117	457578	111.092	ug/L	99
33) Benzene	6.038	78	1161957	98.322	ug/L	100
34) Trichloroethene	7.123	95	341529	103.779	ug/L	96
35) Methylcyclohexane	7.379	83	499510	100.745	ug/L	99
37) 1,2-Dichloropropane	7.428	63	291665	91.636	ug/L	100
38) Bromodichloromethane	7.818	83	421193	103.985	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	488080	97.336	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	899655	201.968	ug/L	99
42) Toluene	8.720	91	1319439	103.382	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	468967	101.239	ug/L	99

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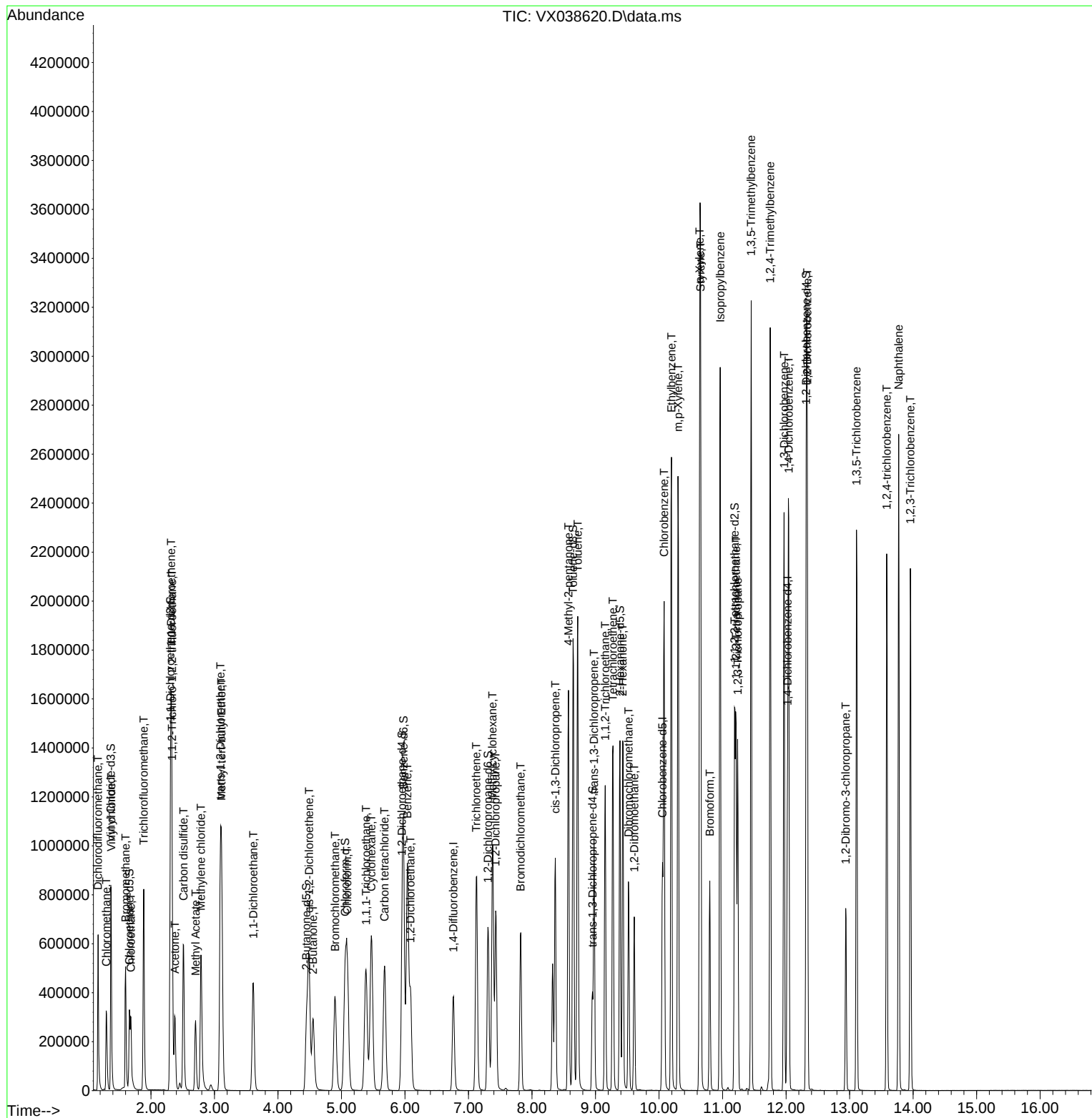
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	331042	106.541	ug/L	96
46) Tetrachloroethene	9.275	164	283889	116.359	ug/L	98
48) 2-Hexanone	9.427	43	728564	208.904	ug/L	100
49) Dibromochloromethane	9.519	129	365210	116.041	ug/L	100
50) 1,2-Dibromoethane	9.610	107	376962	111.877	ug/L	99
51) Chlorobenzene	10.080	112	896564	107.413	ug/L	99
52) Ethylbenzene	10.195	91	1503479	106.168	ug/L	99
53) m,p-Xylene	10.299	106	595187	109.437	ug/L	100
54) o-Xylene	10.640	106	580721	108.734	ug/L	99
55) Styrene	10.653	104	1002987	112.115	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	553972	113.071	ug/L	100
59) Bromoform	10.799	173	303962	115.964	ug/L	100
60) Isopropylbenzene	10.964	105	1551430	96.787	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	423766	97.088	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1337520	100.104	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1322386	99.524	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	773669	106.795	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	784802	107.015	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	758283	105.998	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	137097	113.042	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	564700	114.639	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	521541	112.234	ug/L	100
71) Naphthalene	13.774	128	1603217	104.941	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	506313	111.753	ug/L	99

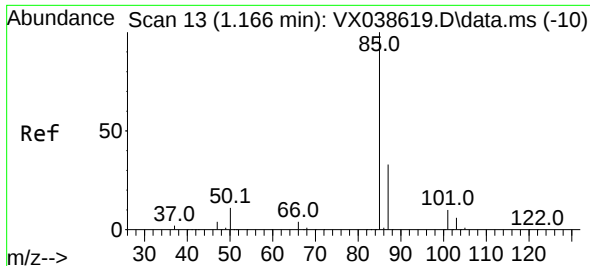
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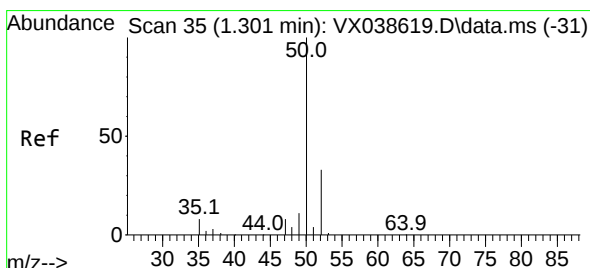
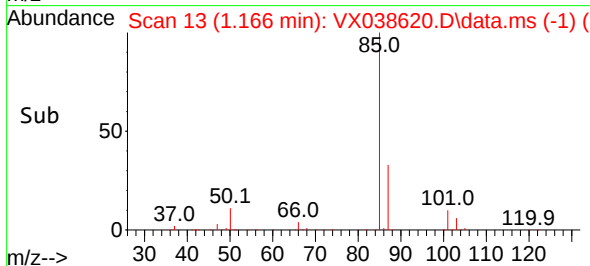
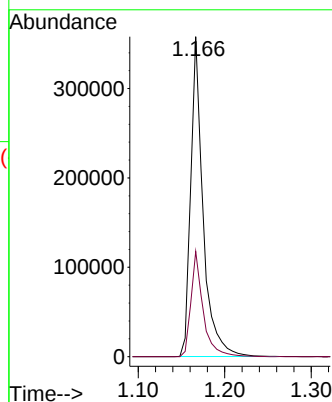
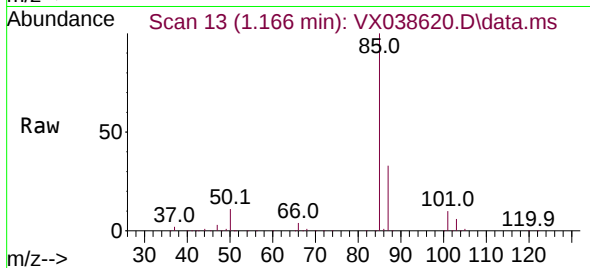




#2
 Dichlorodifluoromethane
 Concen: 113.234 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

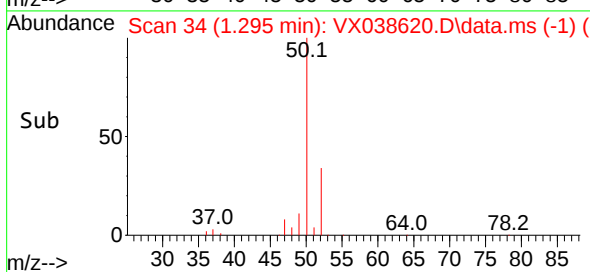
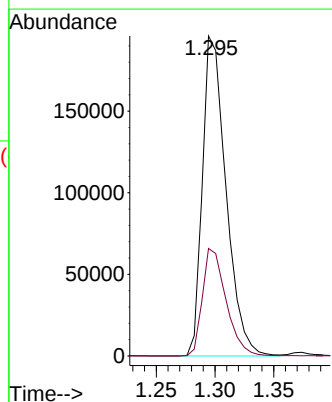
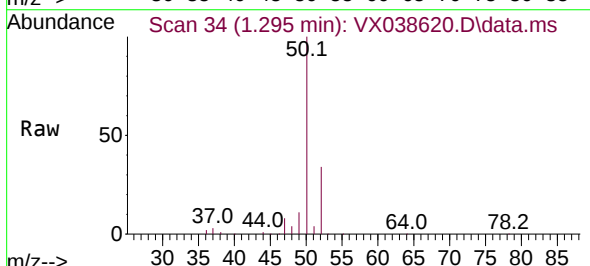
Instrument :
 MSVOA_X
 ClientSampleId :

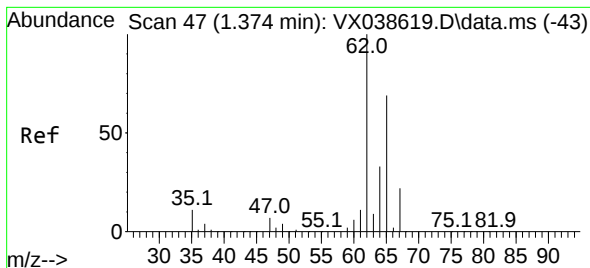
Tgt Ion: 85 Resp: 353901
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 83.952 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

Tgt Ion: 50 Resp: 274167
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.3 43.3





#5

Vinyl chloride

Concen: 86.768 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Instrument :

MSVOA_X

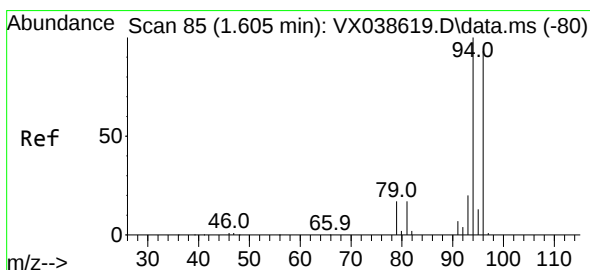
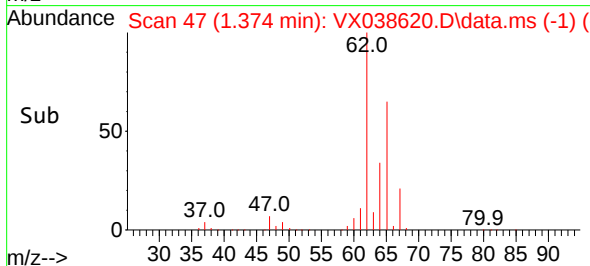
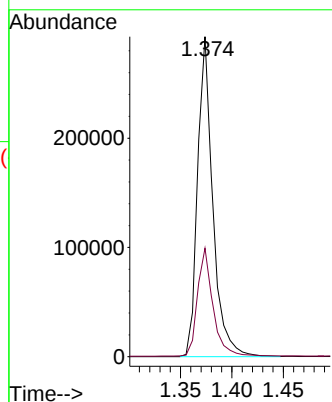
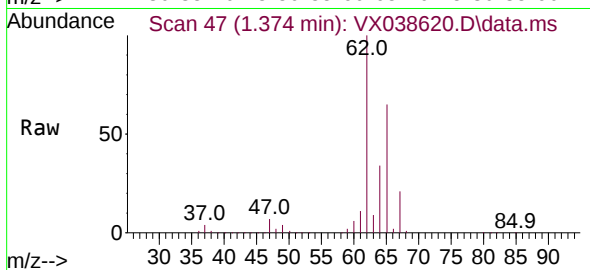
ClientSampleId :

Tgt Ion: 62 Resp: 302375

Ion Ratio Lower Upper

62 100

64 33.9 23.7 43.9



#6

Bromomethane

Concen: 71.933 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX038620.D

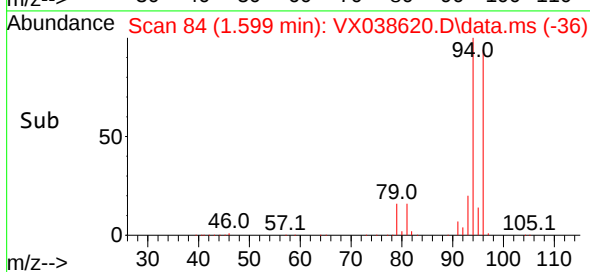
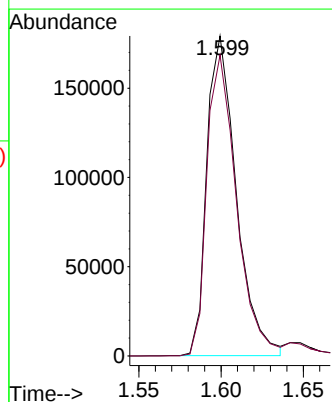
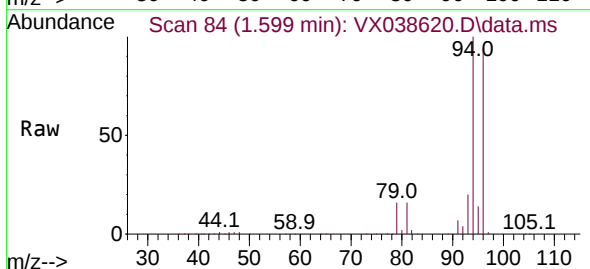
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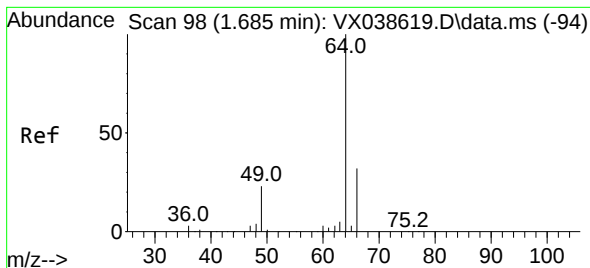
Tgt Ion: 94 Resp: 222777

Ion Ratio Lower Upper

94 100

96 94.0 65.4 121.4





#8

Chloroethane

Concen: 76.216 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Instrument :

MSVOA_X

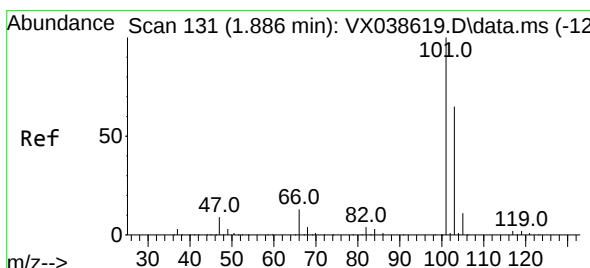
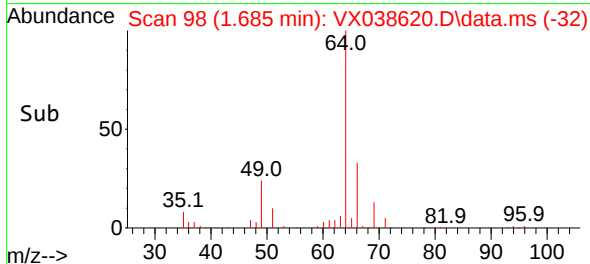
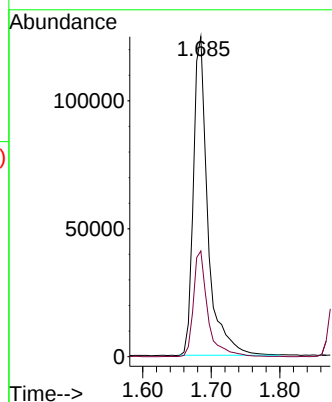
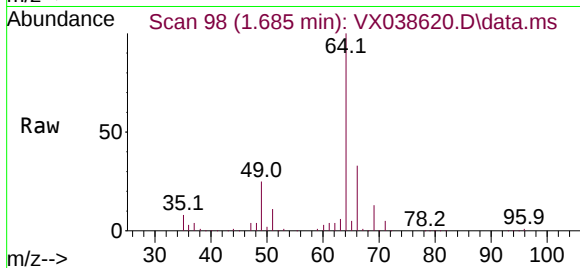
ClientSampleId :

Tgt Ion: 64 Resp: 182578

Ion Ratio Lower Upper

64 100

66 33.1 22.5 41.9



#9

Trichlorofluoromethane

Concen: 88.266 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX038620.D

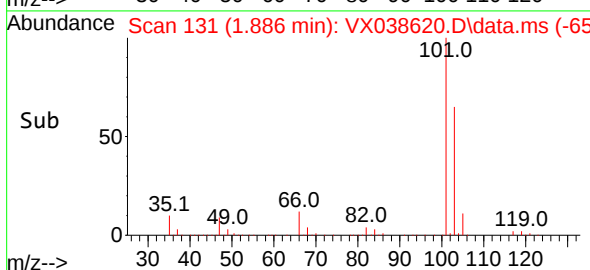
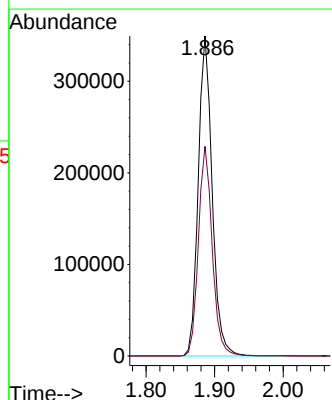
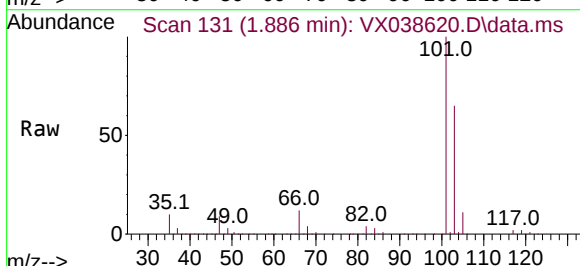
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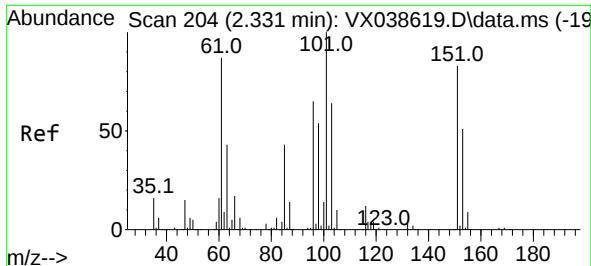
Tgt Ion:101 Resp: 495279

Ion Ratio Lower Upper

101 100

103 65.0 51.8 77.6

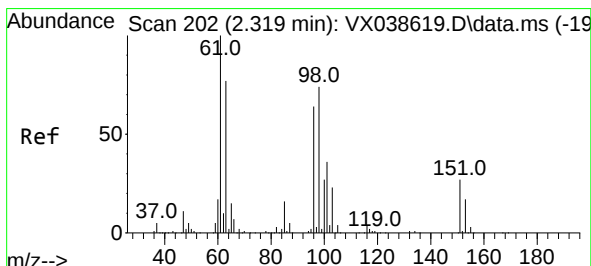
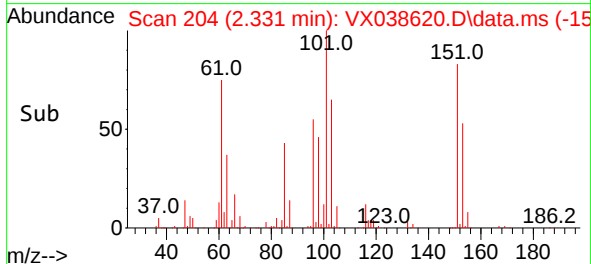
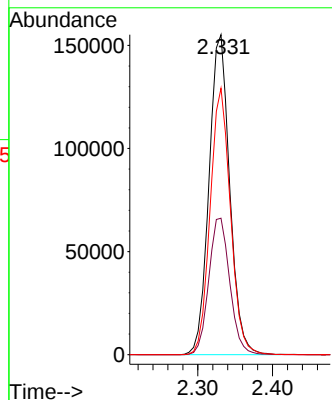
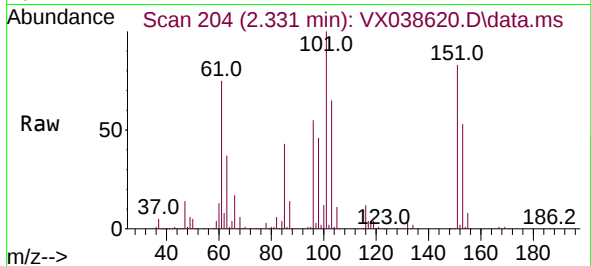




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 106.230 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

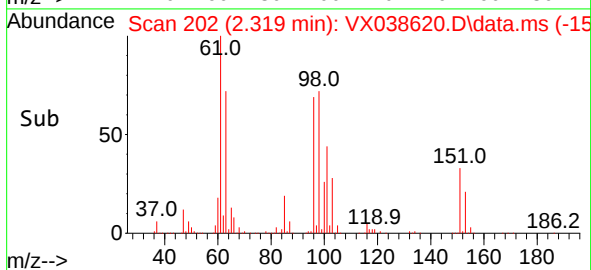
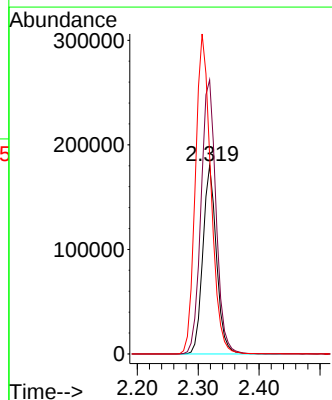
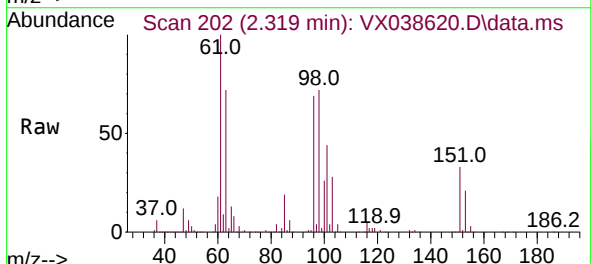
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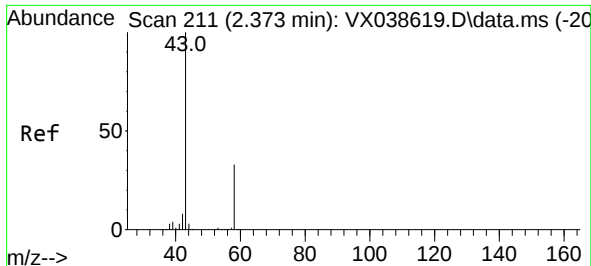
Tgt Ion:101 Resp: 298358
Ion Ratio Lower Upper
101 100
85 43.3 34.3 51.5
151 81.8 65.8 98.8



#12
1,1-Dichloroethene
Concen: 105.494 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion: 96 Resp: 280496
Ion Ratio Lower Upper
96 100
61 145.6 109.6 203.6
63 105.3 84.9 157.7





#13

Acetone

Concen: 201.222 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX038620.D

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Instrument :

MSVOA_X

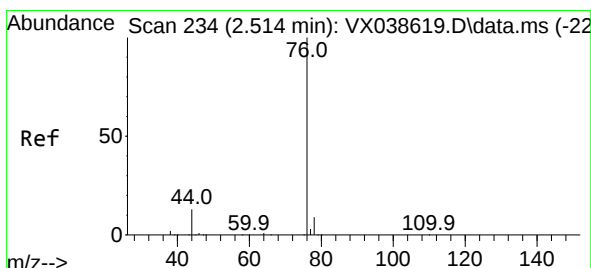
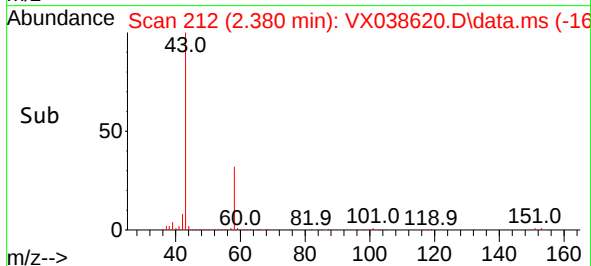
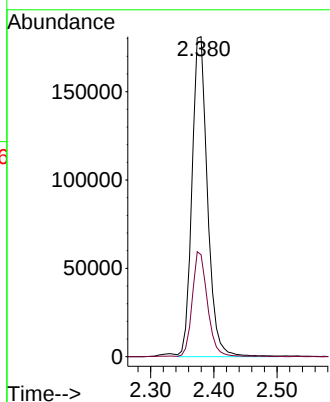
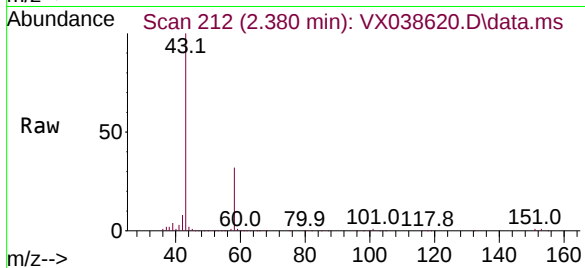
ClientSampleId :

Tgt Ion: 43 Resp: 307965

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.2



#14

Carbon disulfide

Concen: 106.931 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX038620.D

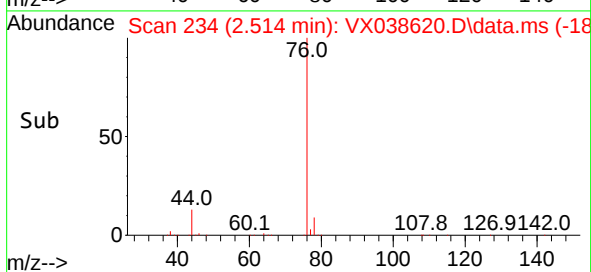
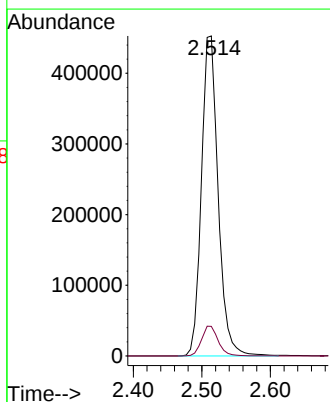
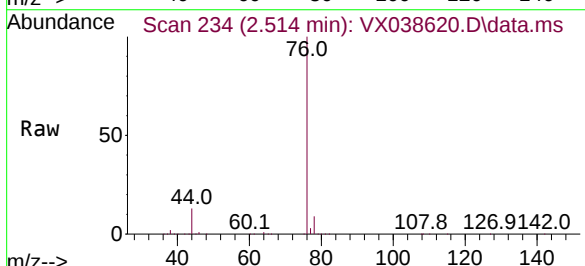
Acq: 27 Oct 2023 23:09

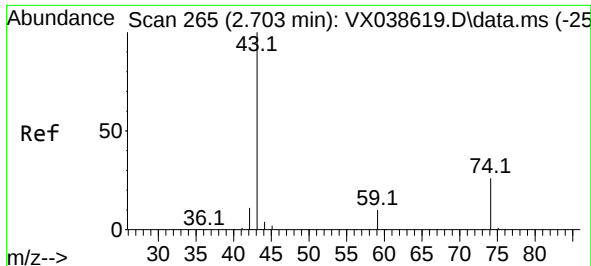
Tgt Ion: 76 Resp: 769716

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

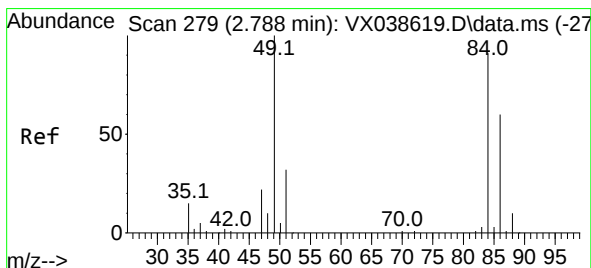
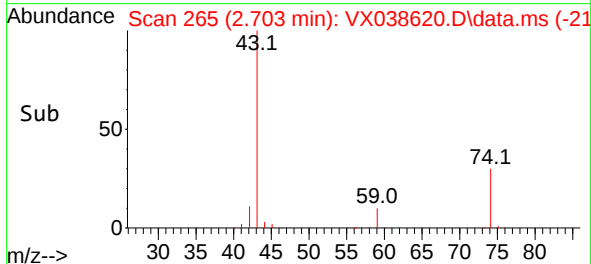
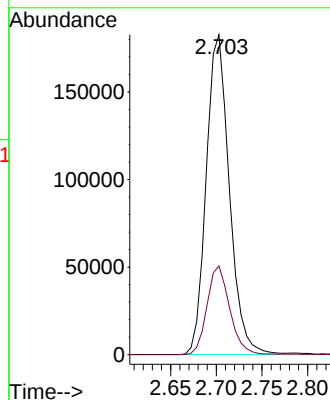
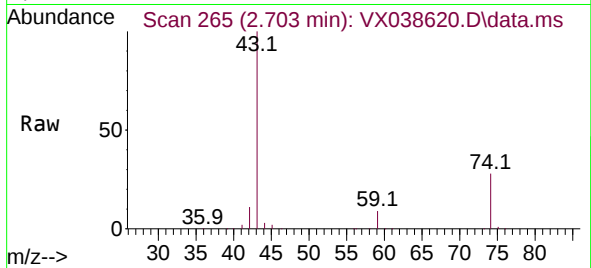




#15
Methyl Acetate
Concen: 104.470 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

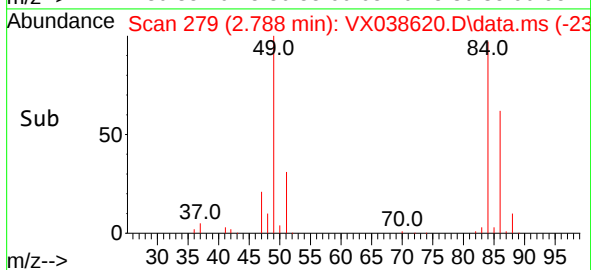
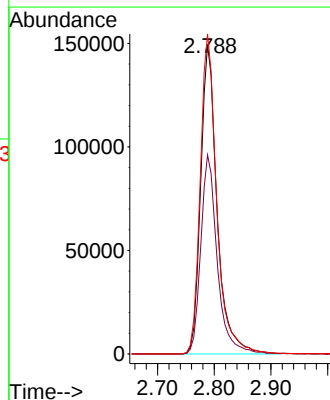
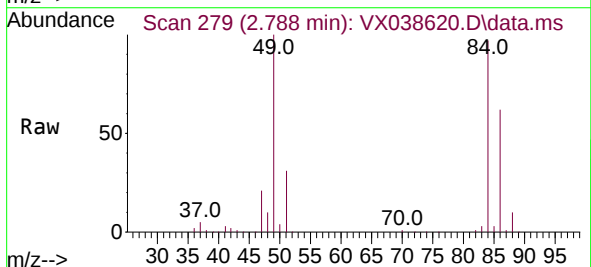
Instrument :
MSVOA_X
ClientSampleId :

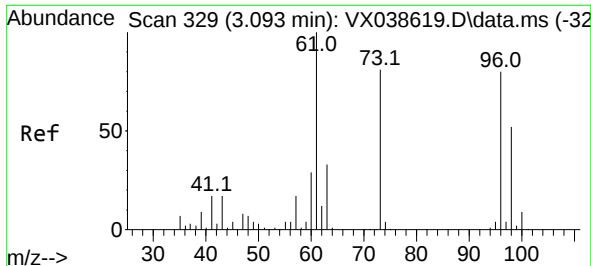
Tgt Ion: 43 Resp: 320266
Ion Ratio Lower Upper
43 100
74 27.3 21.7 32.5



#16
Methylene chloride
Concen: 104.750 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion: 84 Resp: 300753
Ion Ratio Lower Upper
84 100
86 64.4 45.6 84.8
49 103.5 76.5 142.1

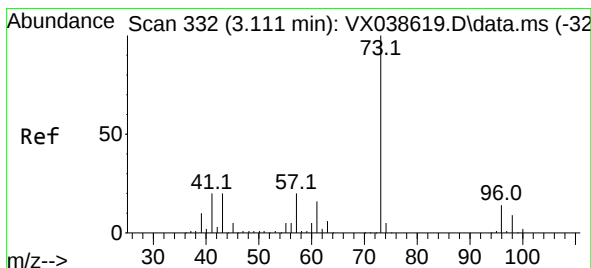
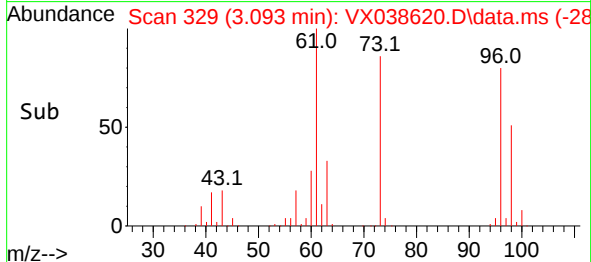
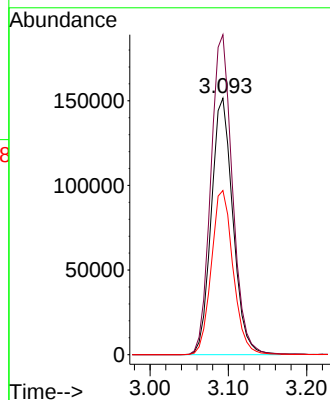
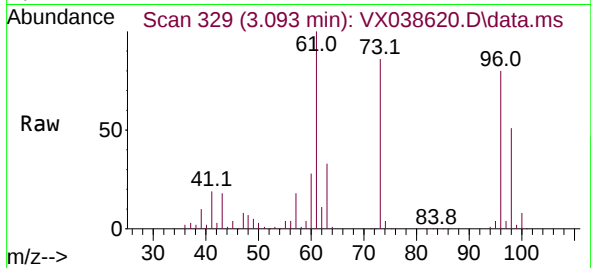




#17
trans-1,2-Dichloroethene
Concen: 109.112 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

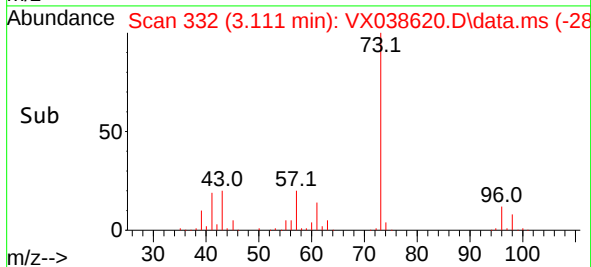
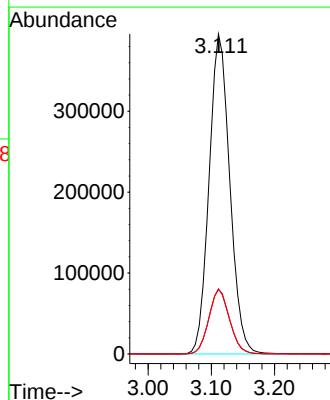
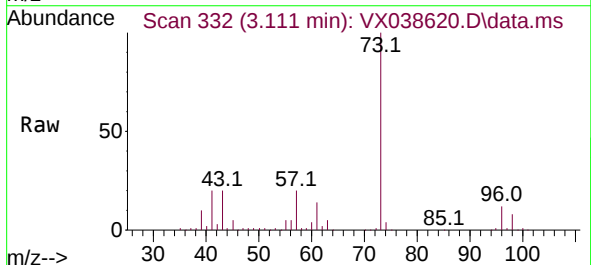
Instrument :
MSVOA_X
ClientSampleId :

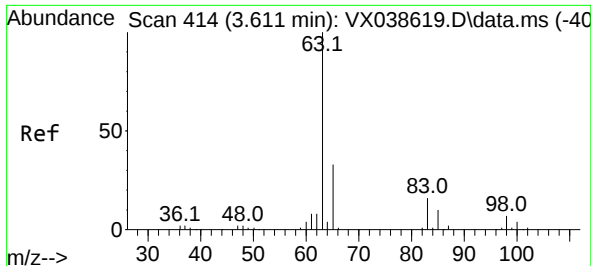
Tgt Ion: 96 Resp: 291145
Ion Ratio Lower Upper
96 100
61 124.8 87.1 161.7
98 64.1 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 100.880 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion: 73 Resp: 899459
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.4
57 20.2 16.2 24.4





#19

1,1-Dichloroethane

Concen: 96.512 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Instrument :

MSVOA_X

ClientSampleId :

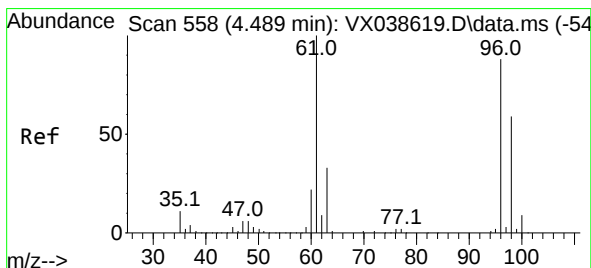
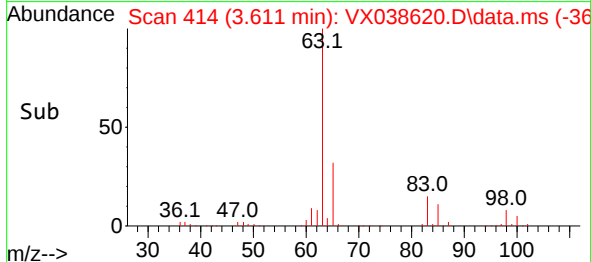
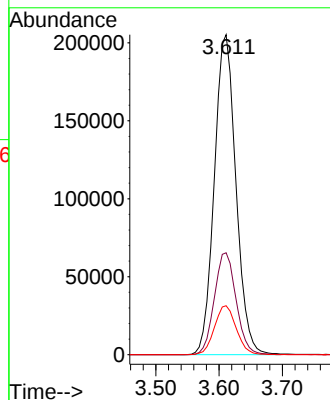
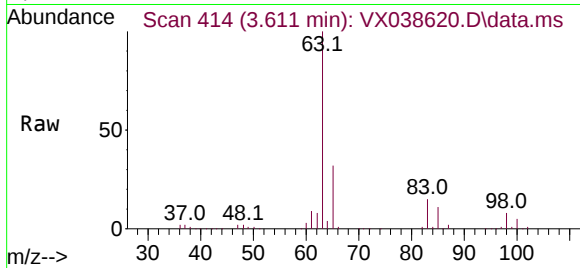
Tgt Ion: 63 Resp: 486539

Ion Ratio Lower Upper

63 100

65 31.9 22.8 42.4

83 15.3 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 108.602 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

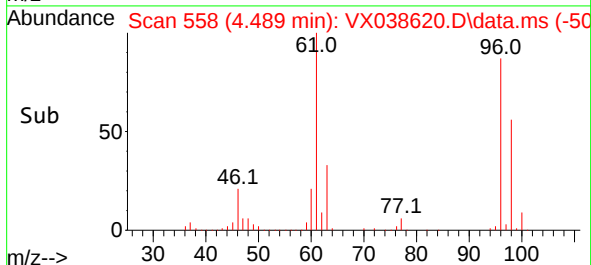
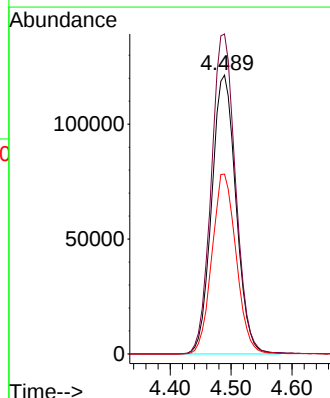
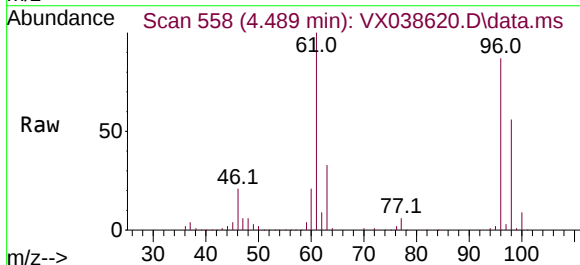
Tgt Ion: 96 Resp: 336262

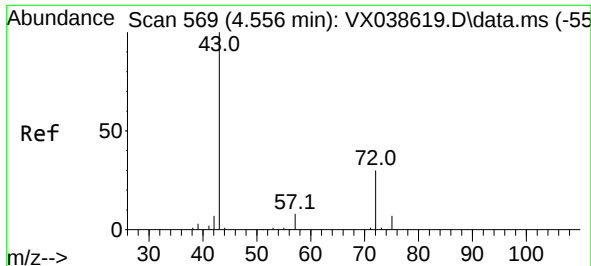
Ion Ratio Lower Upper

96 100

61 114.7 79.4 147.4

98 64.5 46.5 86.5

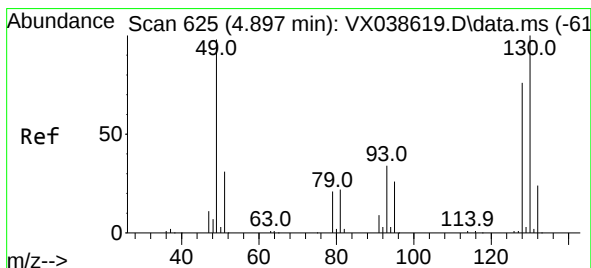
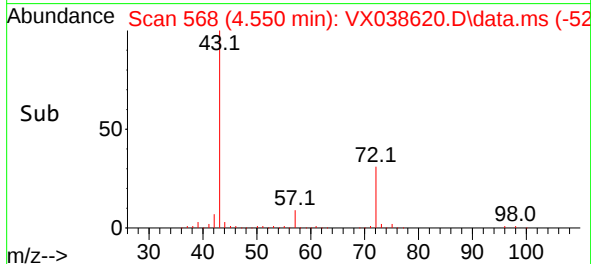
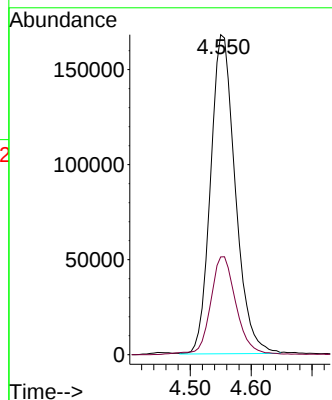
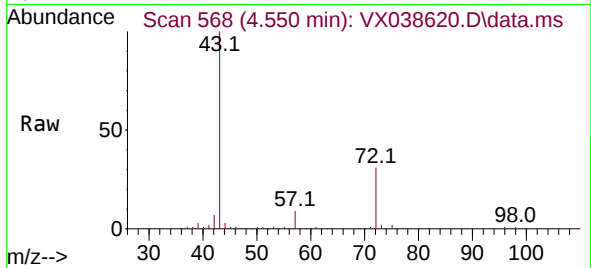




#22
2-Butanone
Concen: 210.817 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

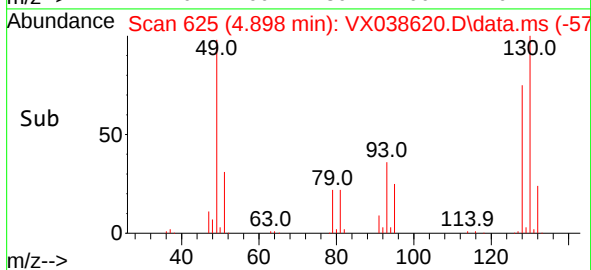
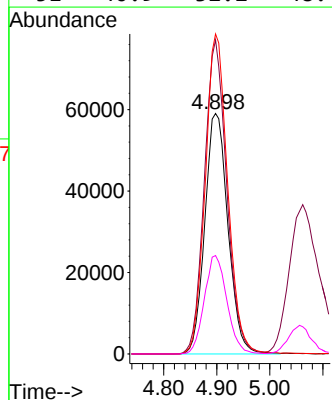
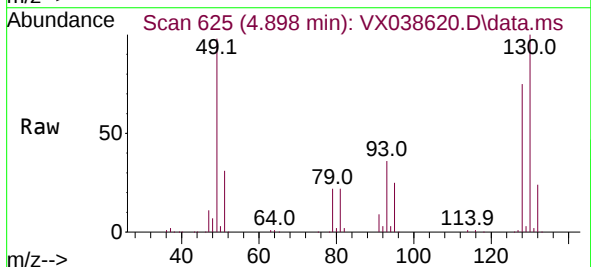
Instrument :
MSVOA_X
ClientSampleId :

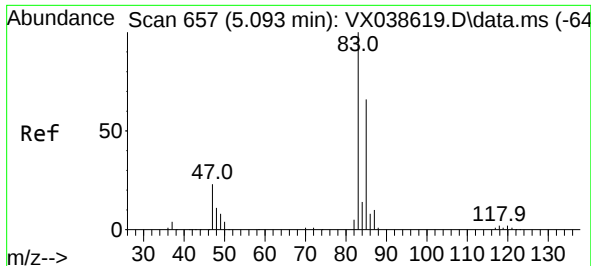
Tgt Ion: 43 Resp: 473345
Ion Ratio Lower Upper
43 100
72 31.8 14.9 44.5



#23
Bromochloromethane
Concen: 115.281 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion:128 Resp: 179114
Ion Ratio Lower Upper
128 100
49 130.6 90.9 168.9
130 133.0 92.5 171.7
51 40.9 32.2 48.4

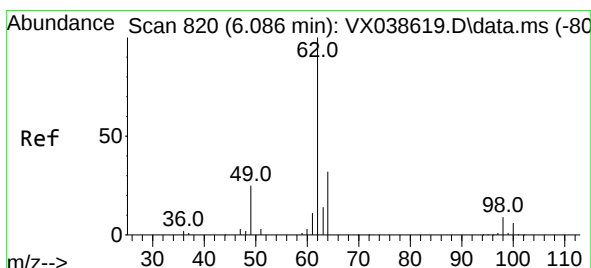
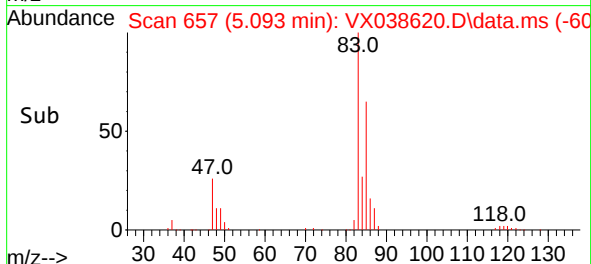
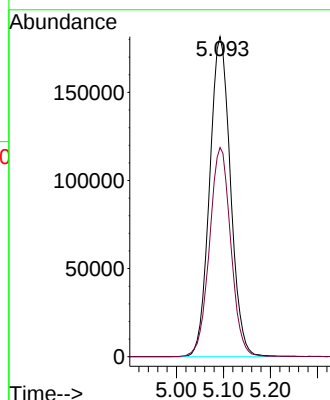
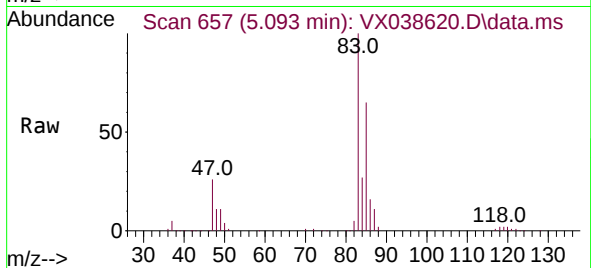




#25
Chloroform
Concen: 104.088 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

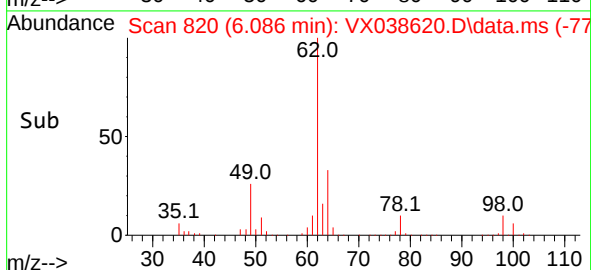
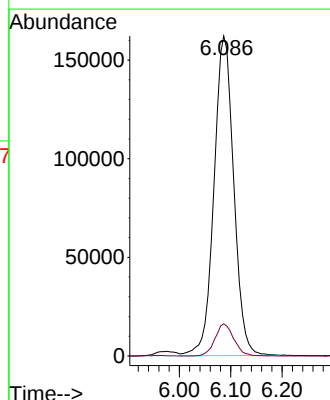
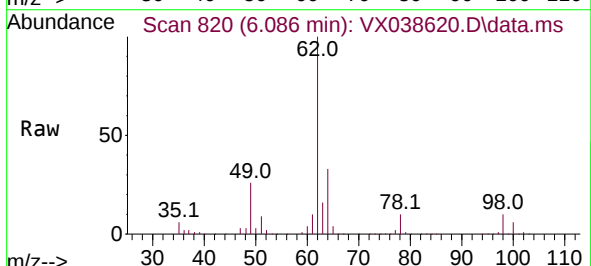
Instrument :
MSVOA_X
ClientSampleId :

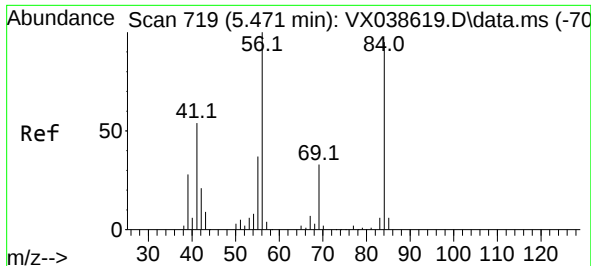
Tgt Ion: 83 Resp: 559238
Ion Ratio Lower Upper
83 100
85 65.4 46.3 86.1



#27
1,2-Dichloroethane
Concen: 102.726 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

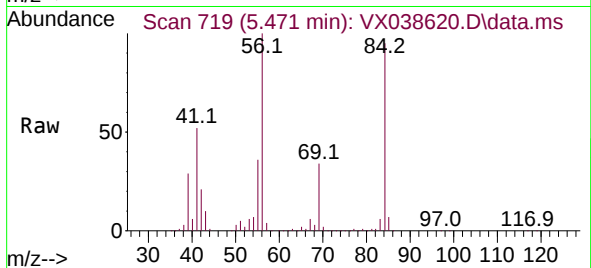
Tgt Ion: 62 Resp: 433066
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3



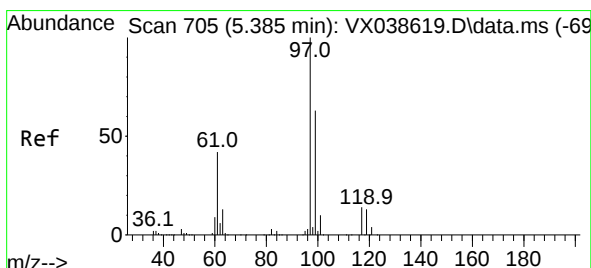
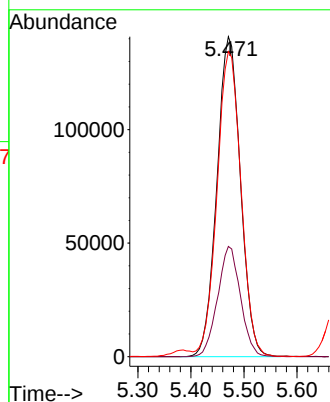
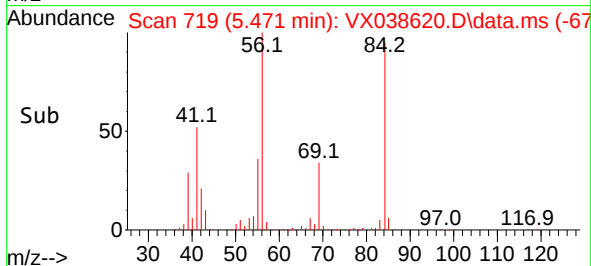


#29
Cyclohexane
Concen: 94.318 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Instrument :
MSVOA_X
ClientSampleId :

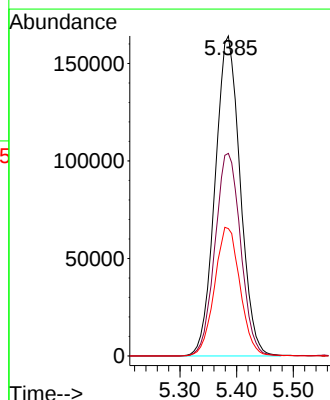
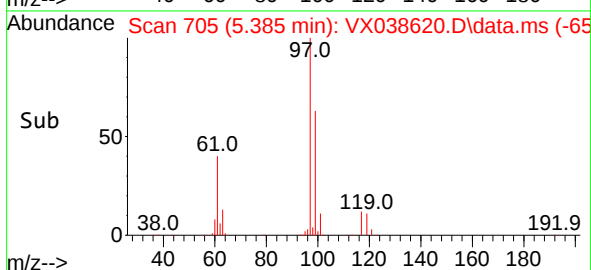
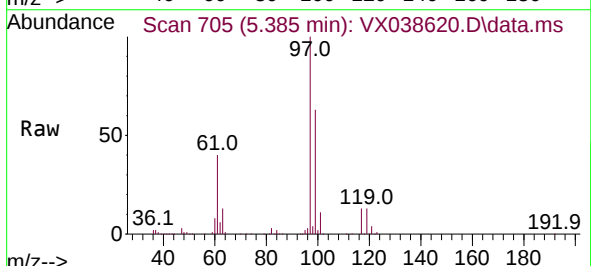


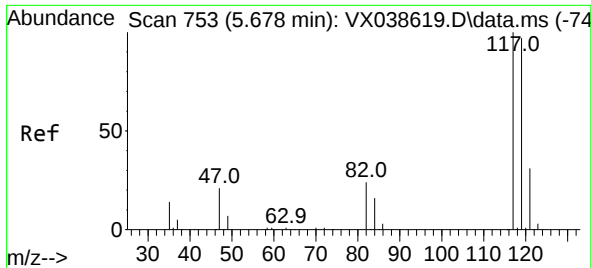
Tgt Ion: 56 Resp: 435003
Ion Ratio Lower Upper
56 100
69 33.4 26.9 40.3
84 96.6 77.6 116.4



#30
1,1,1-Trichloroethane
Concen: 104.619 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

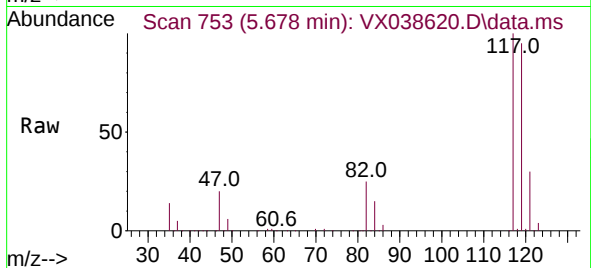
Tgt Ion: 97 Resp: 503680
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 40.9 33.2 49.8



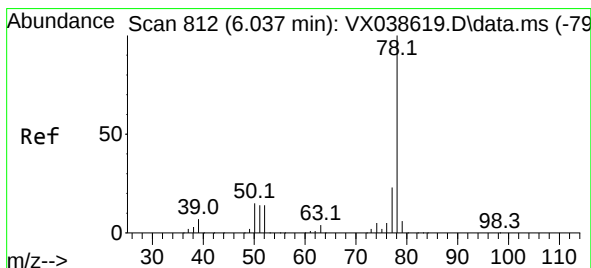
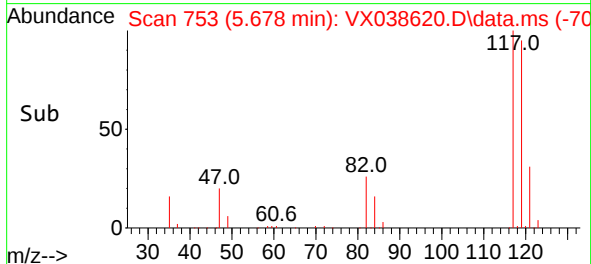
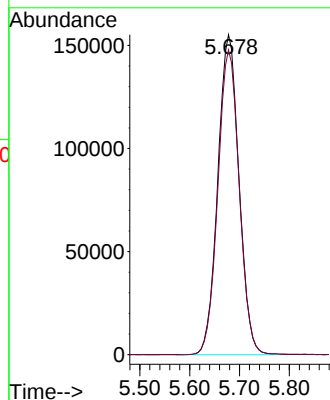


#31
Carbon tetrachloride
Concen: 111.092 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Instrument :
MSVOA_X
ClientSampleId :

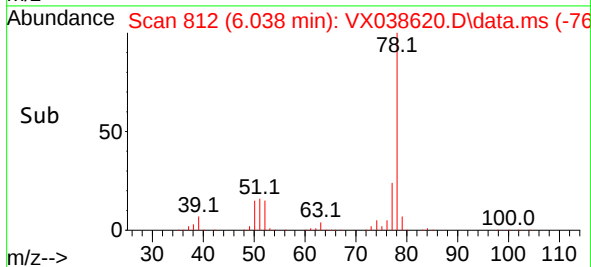
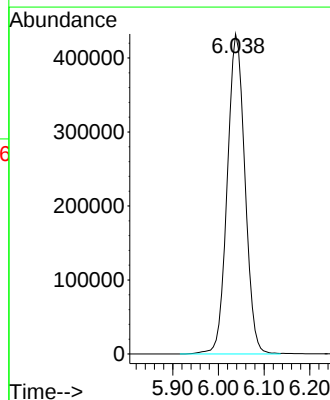
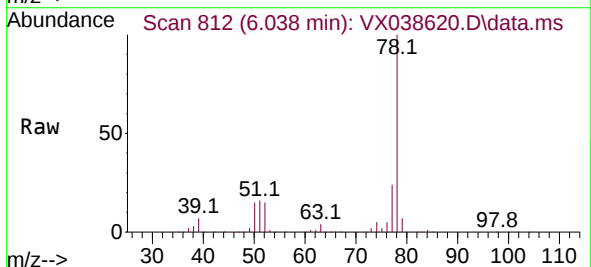


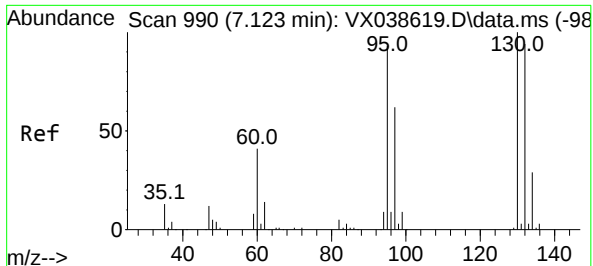
Tgt Ion:117 Resp: 457578
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9



#33
Benzene
Concen: 98.322 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

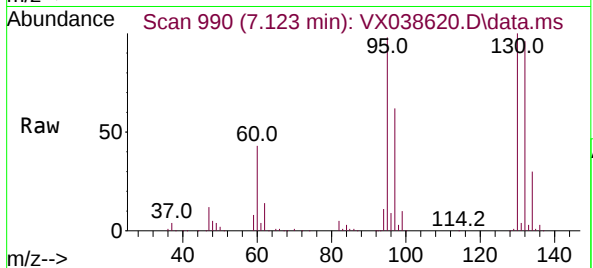
Tgt Ion: 78 Resp: 1161957



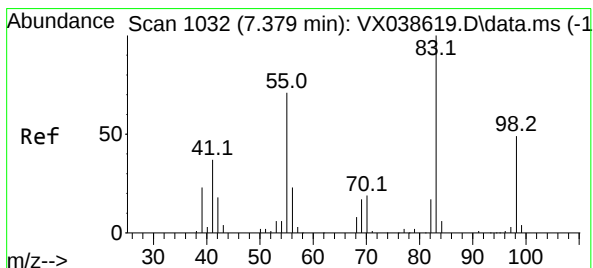
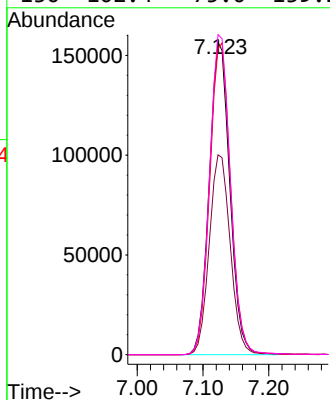
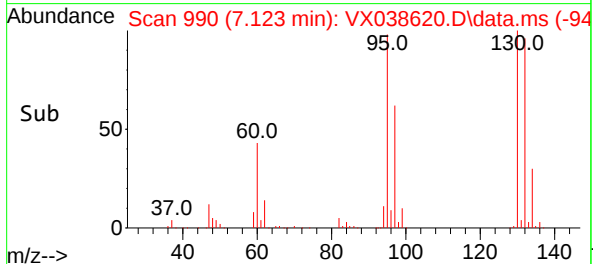


#34
Trichloroethene
Concen: 103.779 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

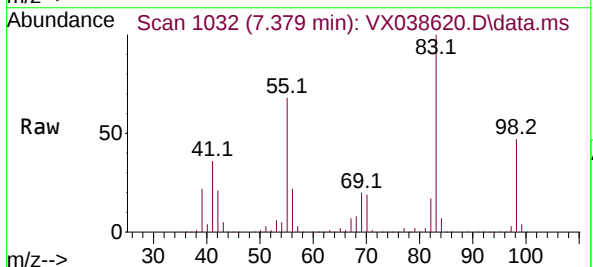
Instrument :
MSVOA_X
ClientSampleId :



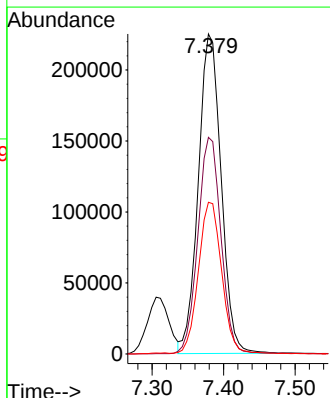
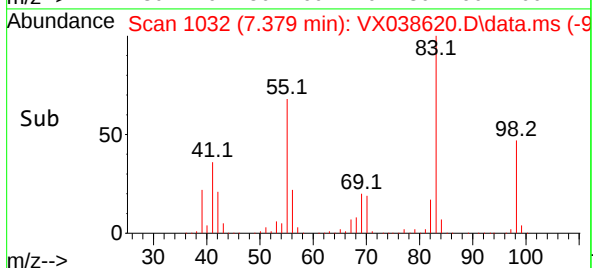
Tgt Ion: 95 Resp: 341529
Ion Ratio Lower Upper
95 100
97 64.0 46.3 86.1
132 98.0 70.7 131.3
130 102.4 75.0 139.2

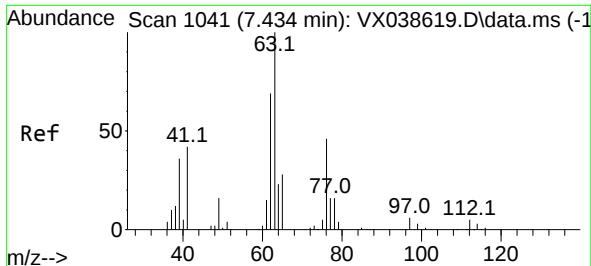


#35
Methylcyclohexane
Concen: 100.745 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09



Tgt Ion: 83 Resp: 499510
Ion Ratio Lower Upper
83 100
55 68.5 54.3 81.5
98 48.3 39.1 58.7





#37

1,2-Dichloropropane

Concen: 91.636 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Instrument :

MSVOA_X

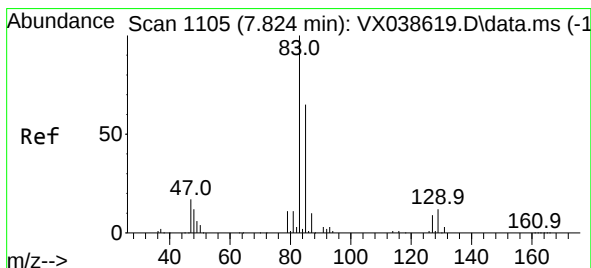
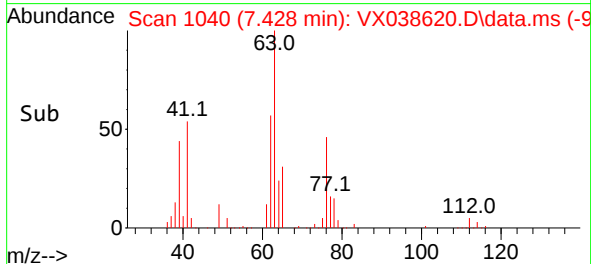
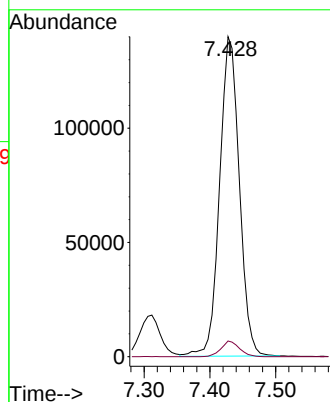
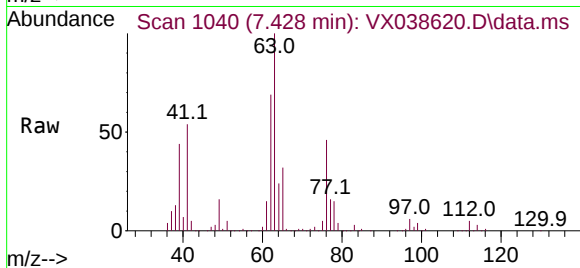
ClientSampleId :

Tgt Ion: 63 Resp: 291665

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 103.985 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

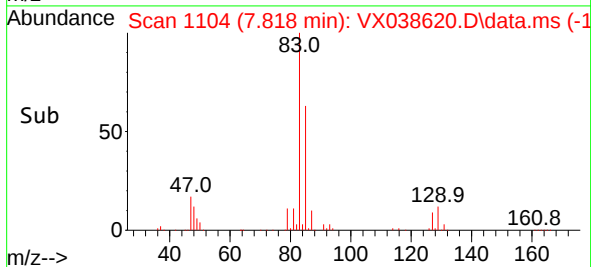
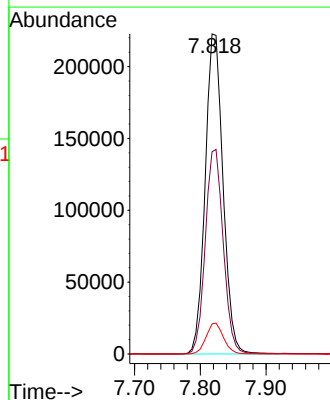
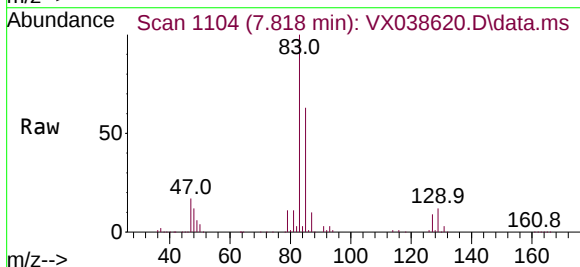
Tgt Ion: 83 Resp: 421193

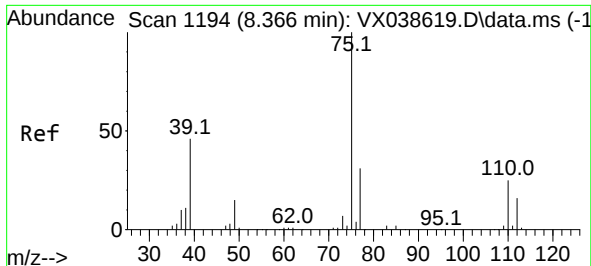
Ion Ratio Lower Upper

83 100

85 63.2 45.4 84.2

127 9.4 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 97.336 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Instrument :

MSVOA_X

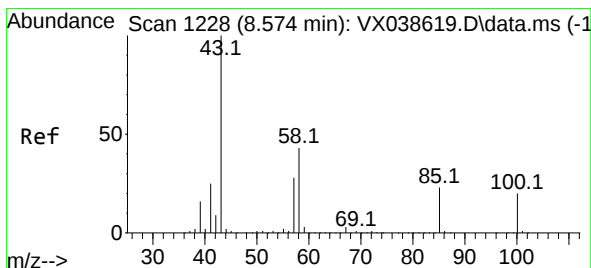
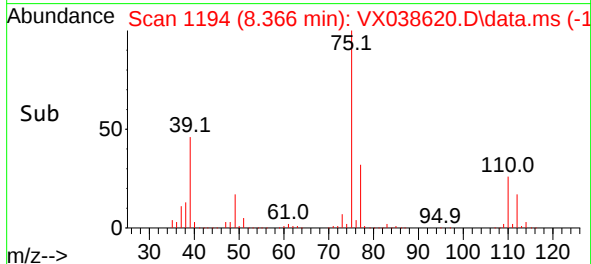
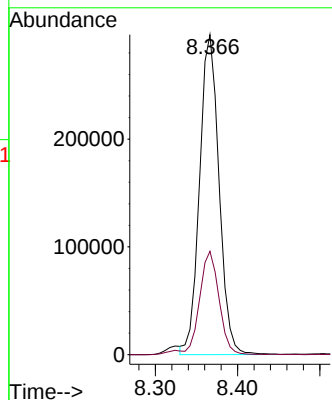
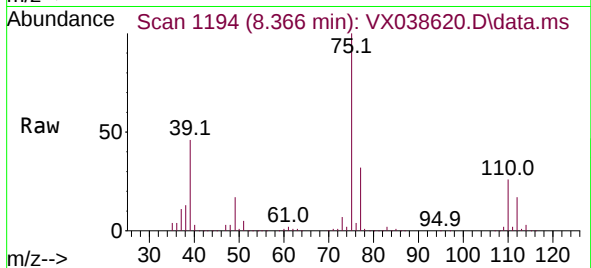
ClientSampleId :

Tgt Ion: 75 Resp: 488080

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 201.968 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

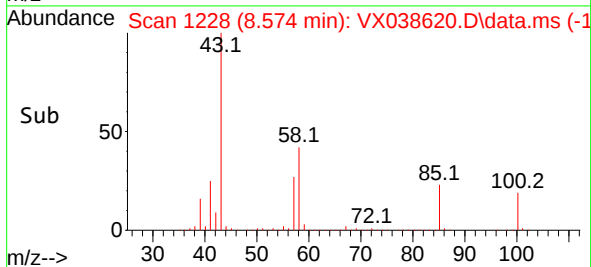
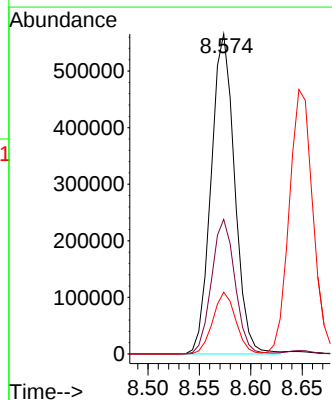
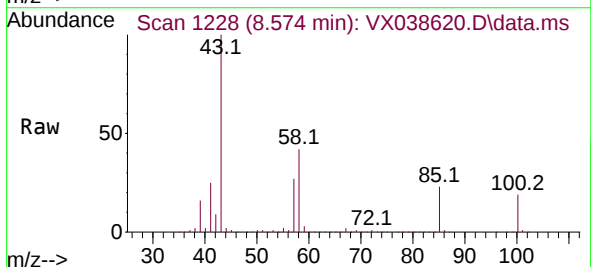
Tgt Ion: 43 Resp: 899655

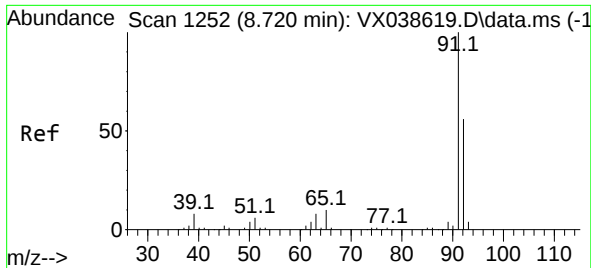
Ion Ratio Lower Upper

43 100

58 41.9 33.9 50.9

100 18.8 15.0 22.6

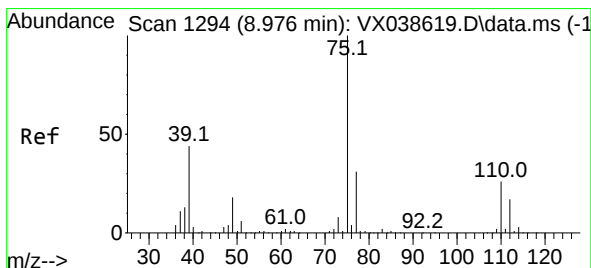
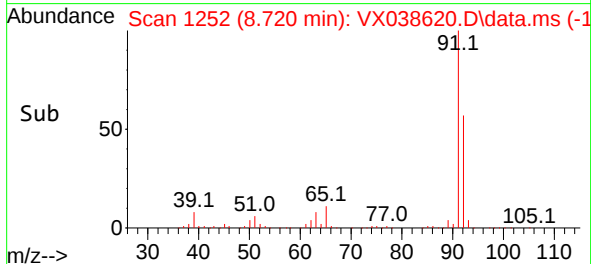
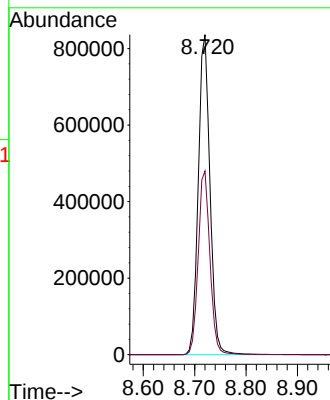
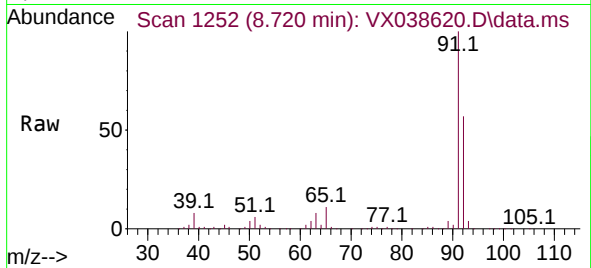




#42
Toluene
Concen: 103.382 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

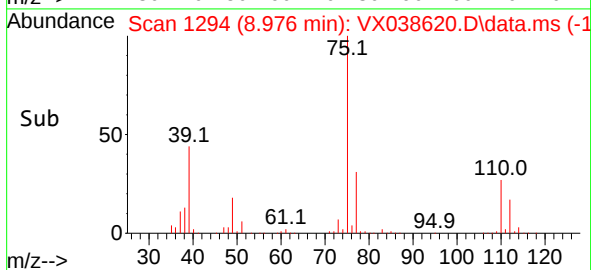
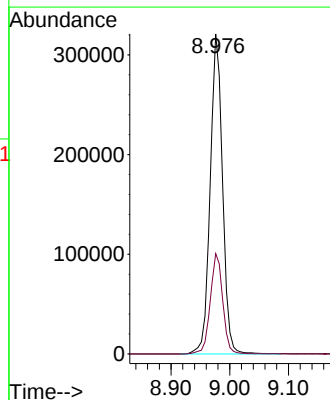
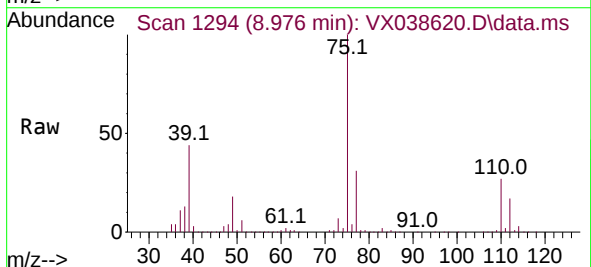
Instrument :
MSVOA_X
ClientSampleId :

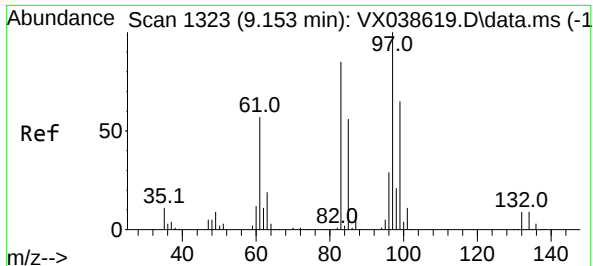
Tgt Ion: 91 Resp: 1319439
Ion Ratio Lower Upper
91 100
92 57.4 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 101.239 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion: 75 Resp: 468967
Ion Ratio Lower Upper
75 100
77 31.3 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 106.541 ug/L

RT: 9.153 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 331042

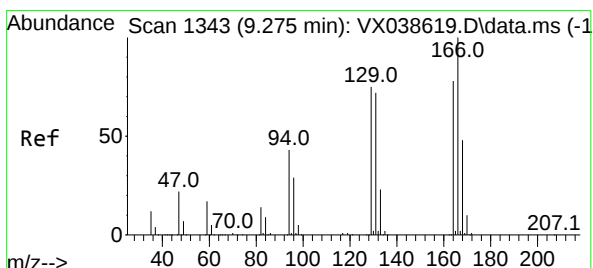
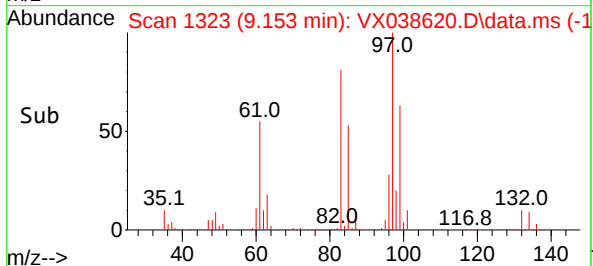
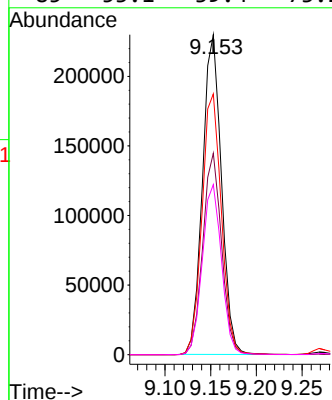
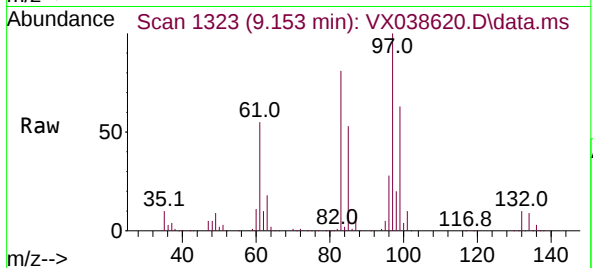
Ion Ratio Lower Upper

97 100

99 63.0 45.7 84.9

83 81.5 59.8 111.0

85 53.1 39.4 73.2



#46

Tetrachloroethene

Concen: 116.359 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Tgt Ion:164 Resp: 283889

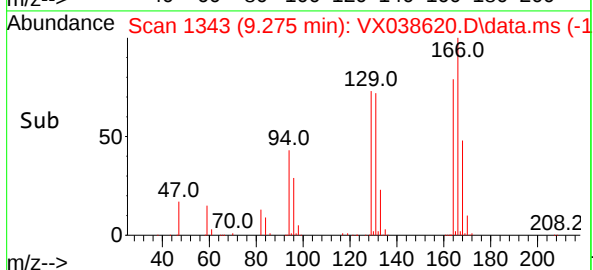
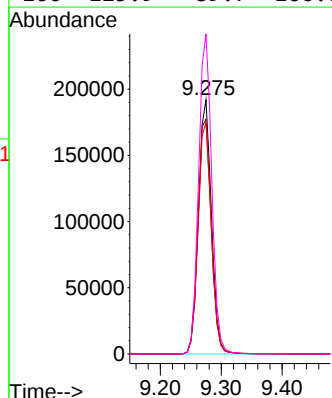
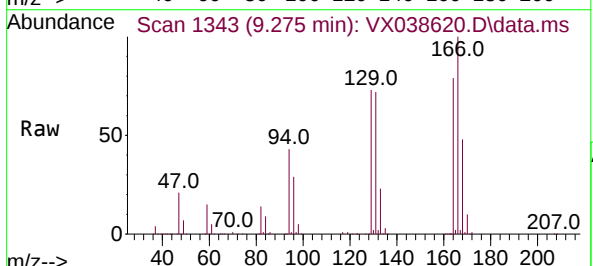
Ion Ratio Lower Upper

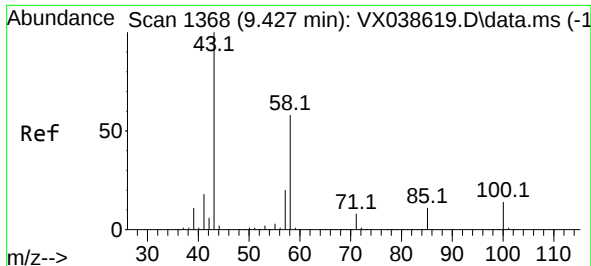
164 100

129 92.4 67.5 125.4

131 91.0 64.5 119.9

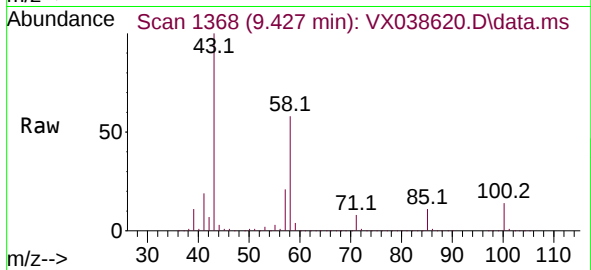
166 125.9 89.7 166.7



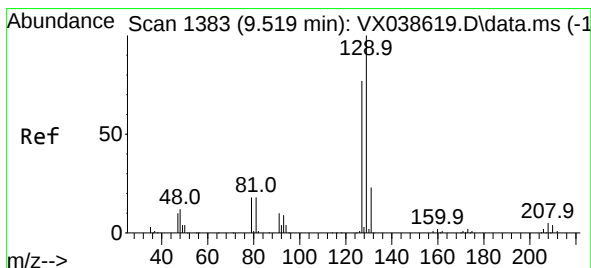
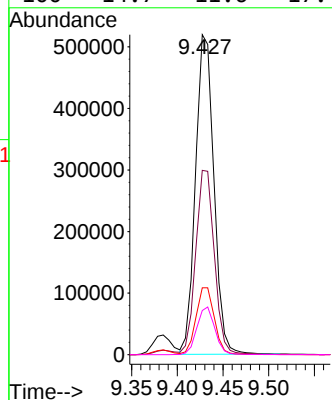
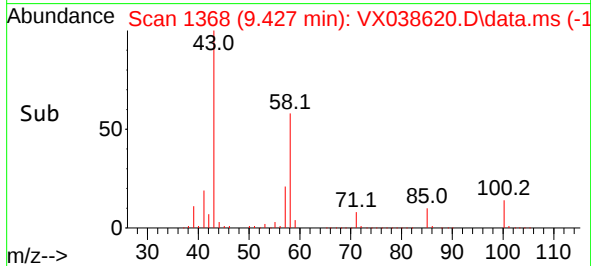


#48
2-Hexanone
Concen: 208.904 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Instrument :
MSVOA_X
ClientSampleId :

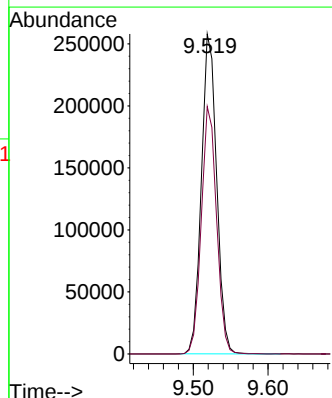
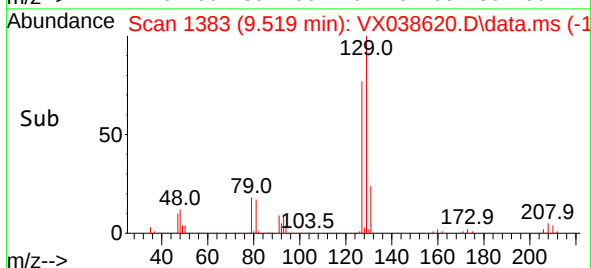
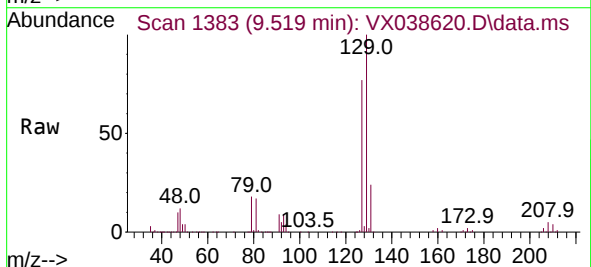


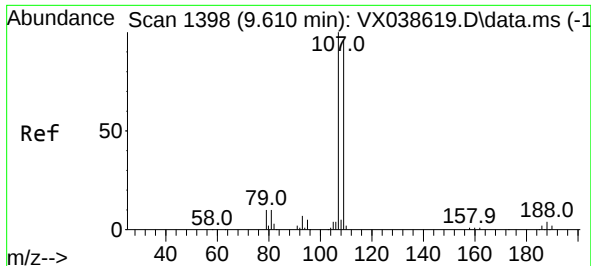
Tgt Ion: 43 Resp: 728564
Ion Ratio Lower Upper
43 100
58 58.0 46.6 69.8
57 21.0 16.6 24.8
100 14.7 11.6 17.4



#49
Dibromochloromethane
Concen: 116.041 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion: 129 Resp: 365210
Ion Ratio Lower Upper
129 100
127 77.3 54.2 100.6

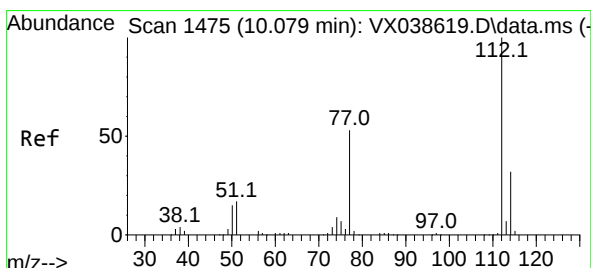
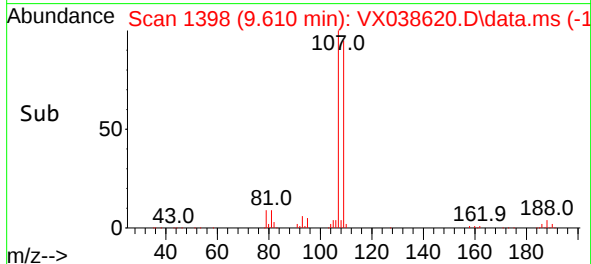
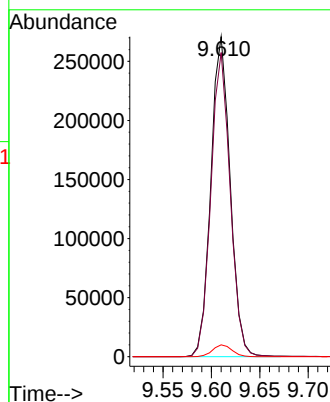
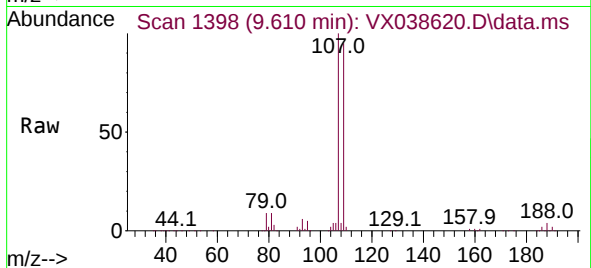




#50
1,2-Dibromoethane
Concen: 111.877 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

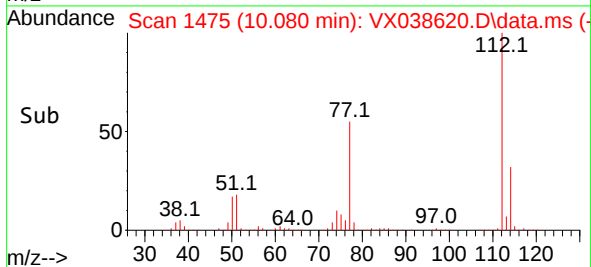
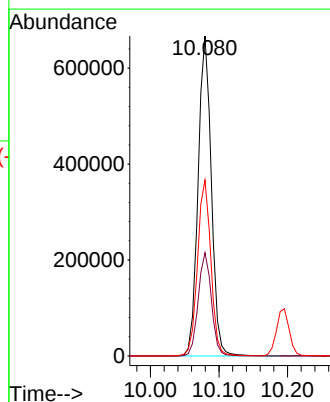
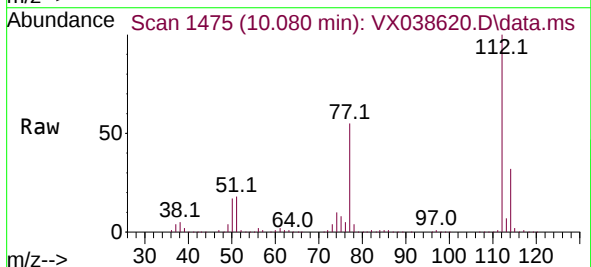
Instrument :
MSVOA_X
ClientSampleId :

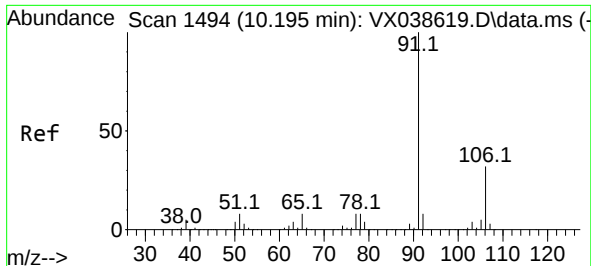
Tgt Ion:107 Resp: 376962
Ion Ratio Lower Upper
107 100
109 95.0 66.9 124.3
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 107.413 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion:112 Resp: 896564
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 54.9 43.1 64.7

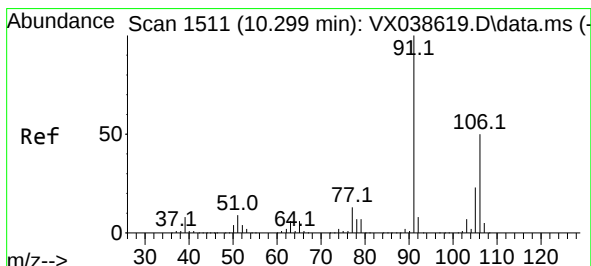
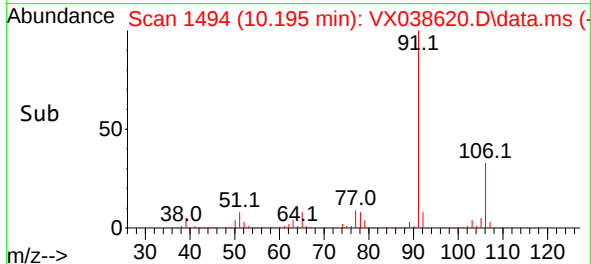
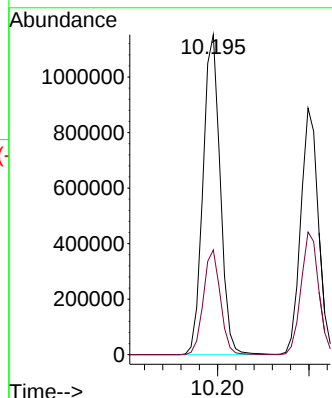
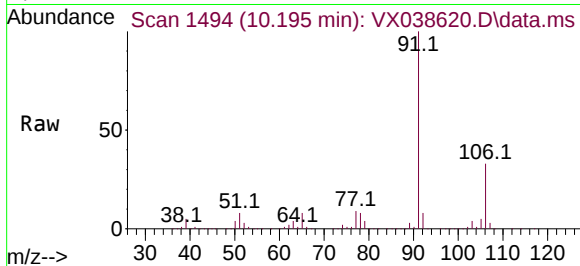




#52
Ethylbenzene
Concen: 106.168 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

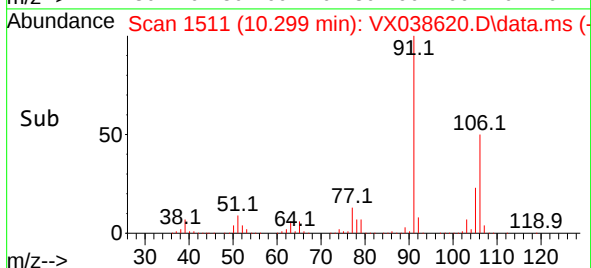
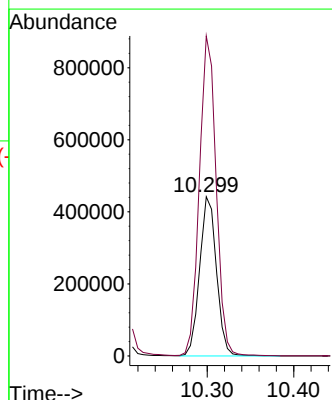
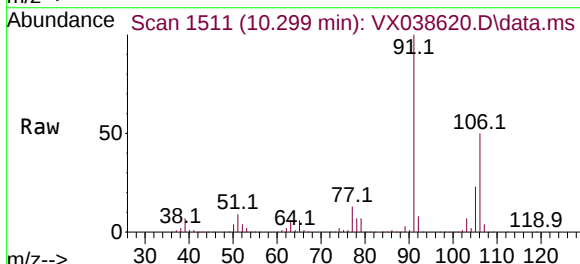
Instrument :
MSVOA_X
ClientSampleId :

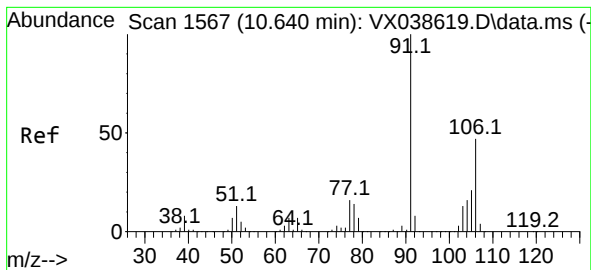
Tgt Ion: 91 Resp: 1503479
Ion Ratio Lower Upper
91 100
106 32.8 22.7 42.1



#53
m,p-Xylene
Concen: 109.437 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion:106 Resp: 595187
Ion Ratio Lower Upper
106 100
91 201.1 141.2 262.2





#54

o-Xylene

Concen: 108.734 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038620.D

Acq: 27 Oct 2023 23:09

Instrument :

MSVOA_X

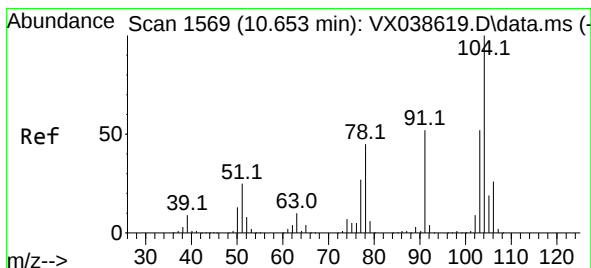
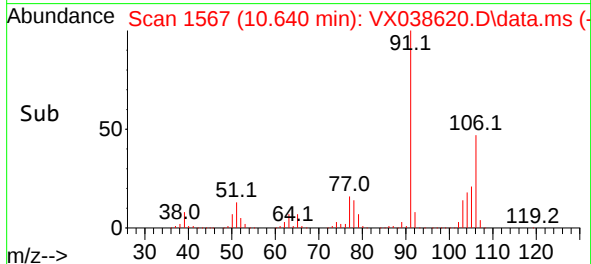
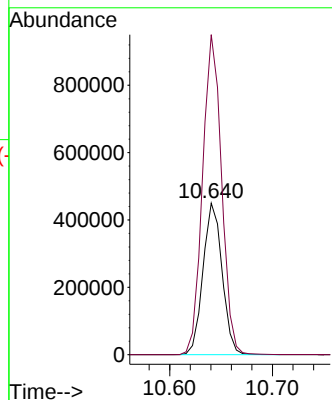
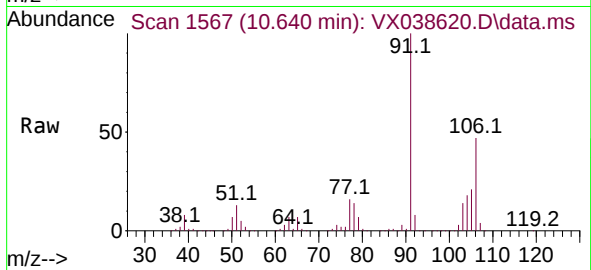
ClientSampleId :

Tgt Ion:106 Resp: 580721

Ion Ratio Lower Upper

106 100

91 211.2 149.0 276.8



#55

Styrene

Concen: 112.115 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038620.D

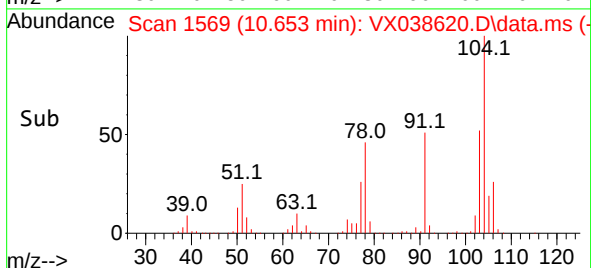
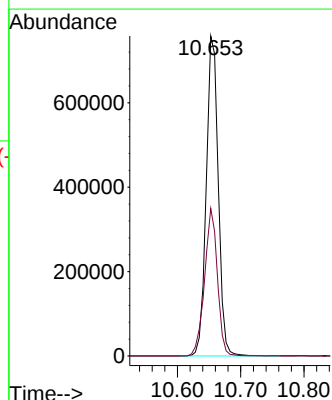
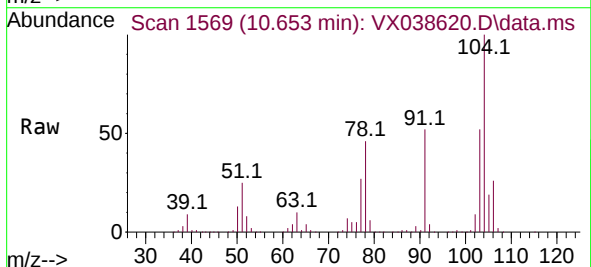
Acq: 27 Oct 2023 23:09

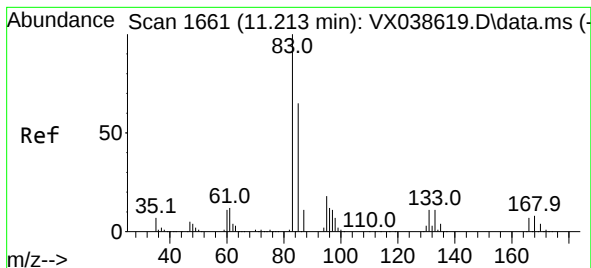
Tgt Ion:104 Resp: 1002987

Ion Ratio Lower Upper

104 100

78 46.1 31.7 58.9

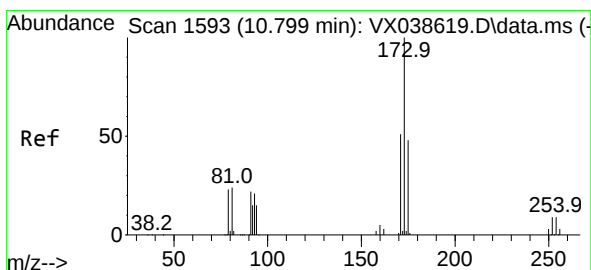
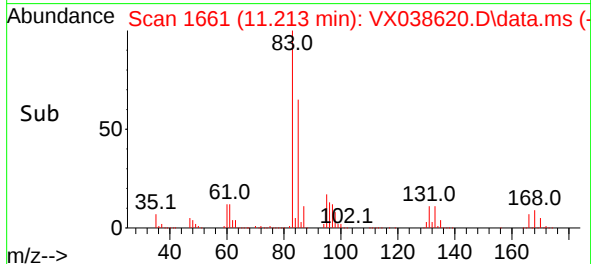
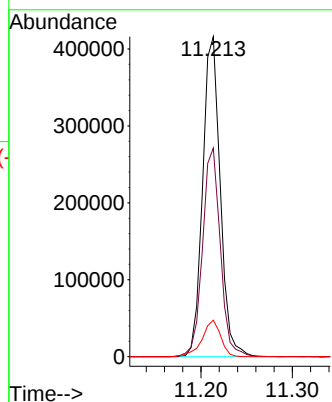
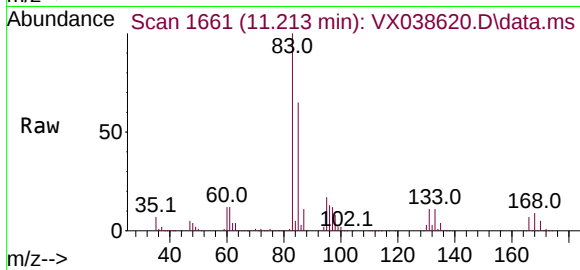




#57
 1,1,2,2-Tetrachloroethane
 Concen: 113.071 ug/L
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

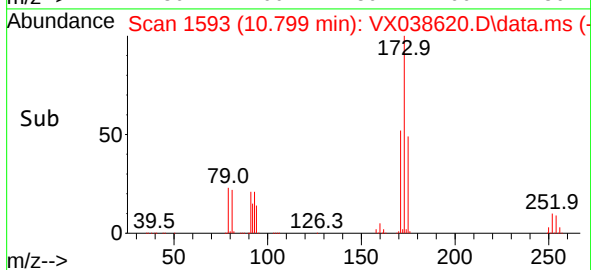
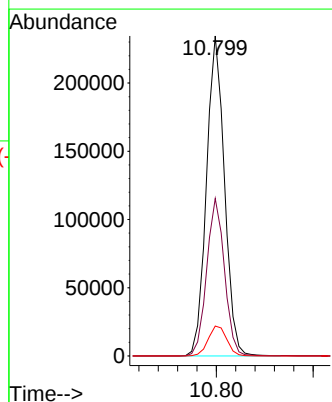
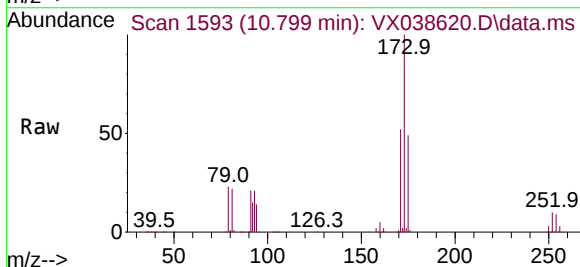
Instrument :
 MSVOA_X
 ClientSampleId :

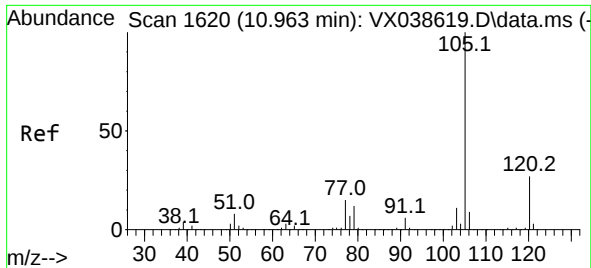
Tgt Ion: 83 Resp: 553972
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.4 84.4
 131 11.4 8.8 13.2



#59
 Bromoform
 Concen: 115.964 ug/L
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

Tgt Ion:173 Resp: 303962
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.6
 254 9.7 7.6 11.4

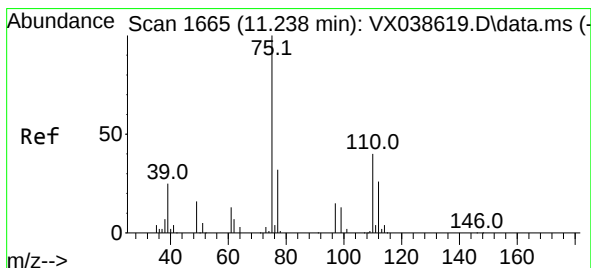
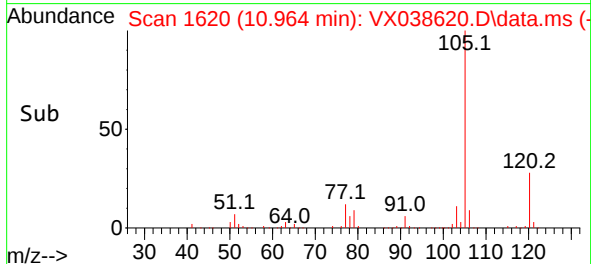
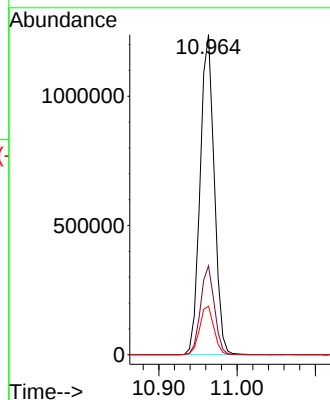
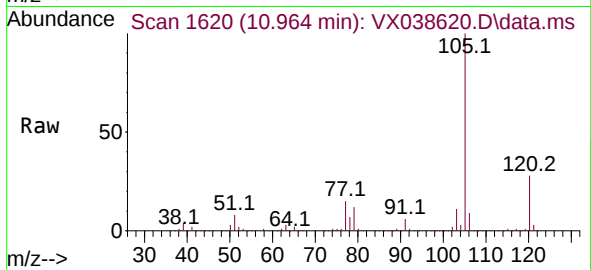




#60
Isopropylbenzene
Concen: 96.787 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

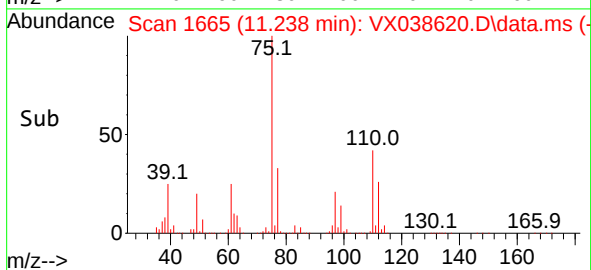
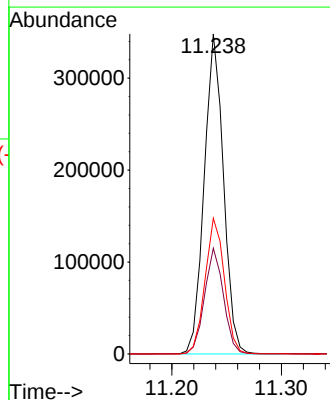
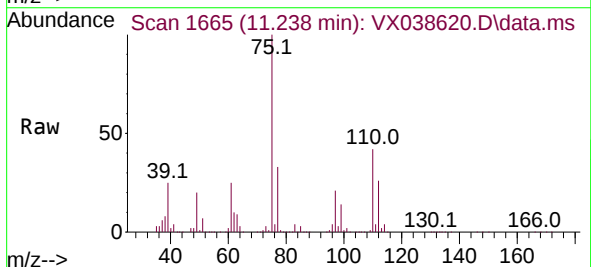
Instrument :
MSVOA_X
ClientSampleId :

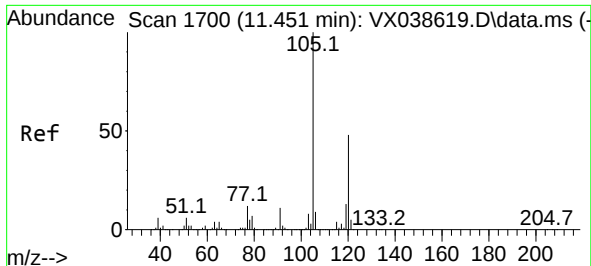
Tgt Ion:105 Resp: 1551430
Ion Ratio Lower Upper
105 100
120 27.2 21.6 32.4
77 15.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 97.088 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion: 75 Resp: 423766
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 42.6 33.6 50.4

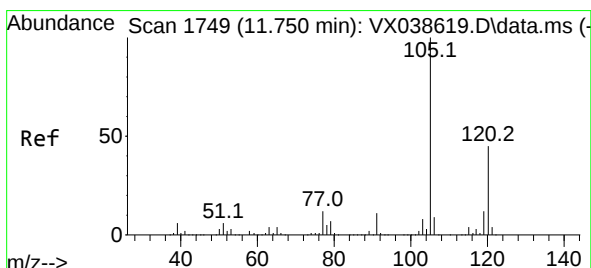
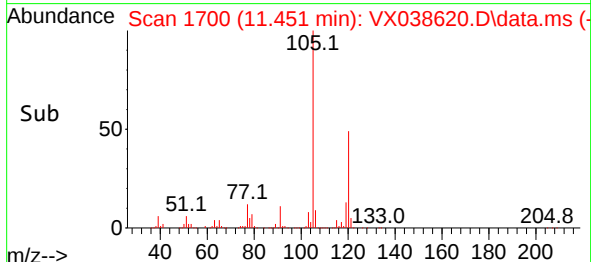
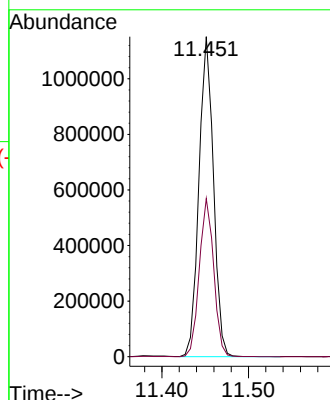
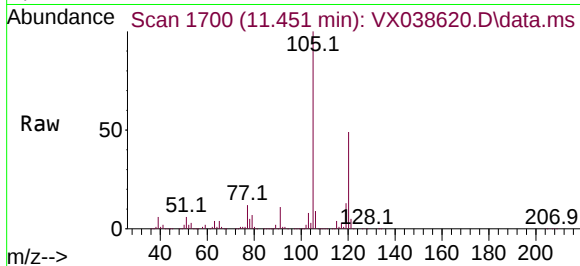




#62
 1,3,5-Trimethylbenzene
 Concen: 100.104 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

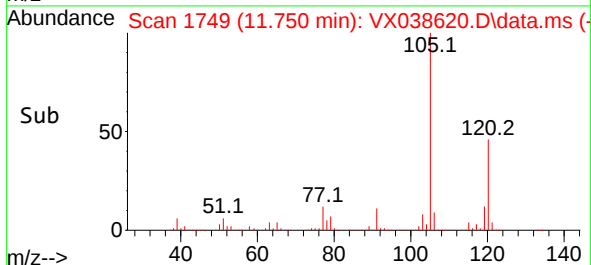
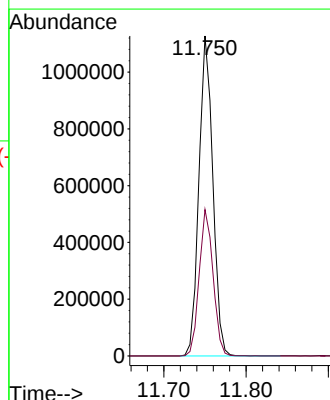
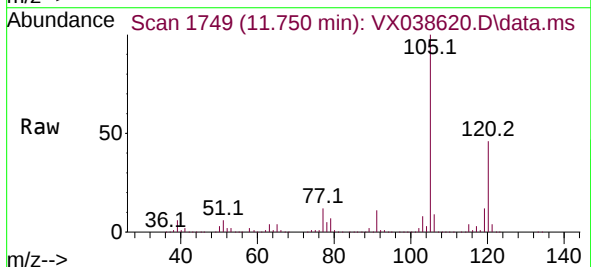
Instrument :
 MSVOA_X
 ClientSampleId :

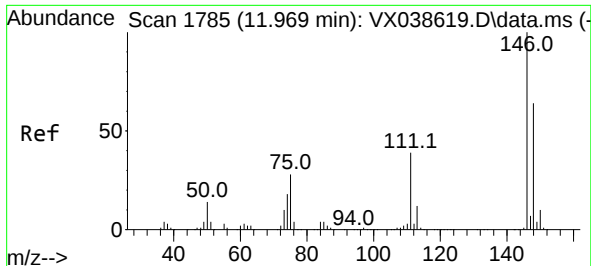
Tgt Ion:105 Resp: 1337520
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 99.524 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

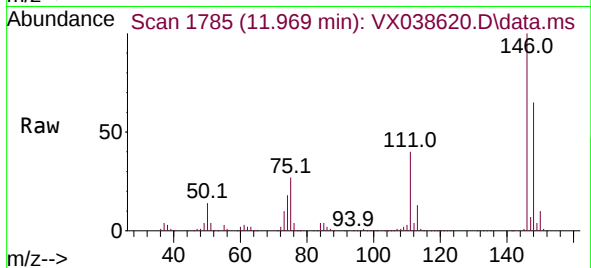
Tgt Ion:105 Resp: 1322386
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.6 54.8



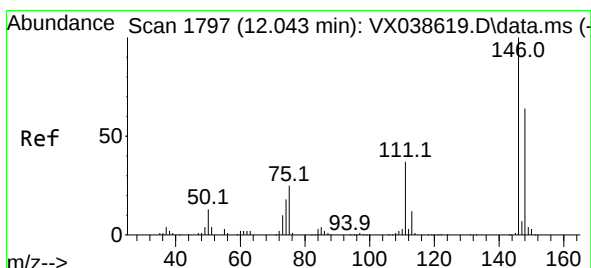
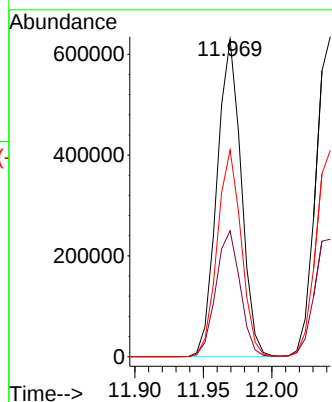
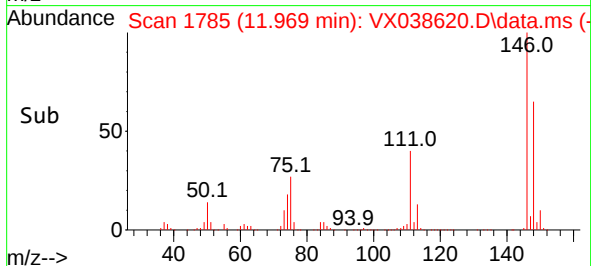


#64
1,3-Dichlorobenzene
Concen: 106.795 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

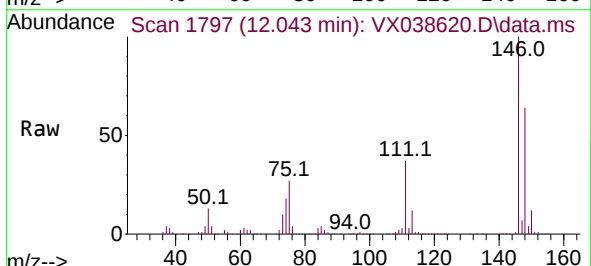
Instrument :
MSVOA_X
ClientSampleId :



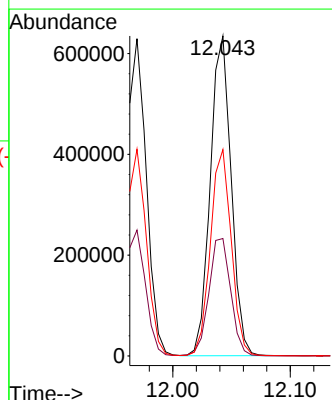
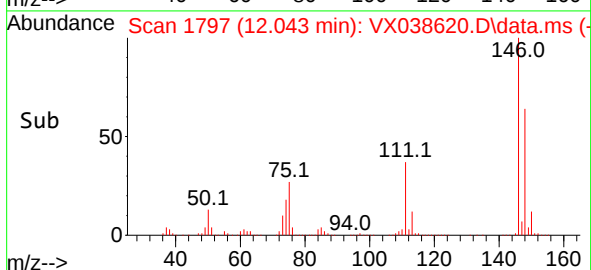
Tgt Ion:146 Resp: 773669
Ion Ratio Lower Upper
146 100
111 39.7 27.0 50.2
148 65.2 44.9 83.3

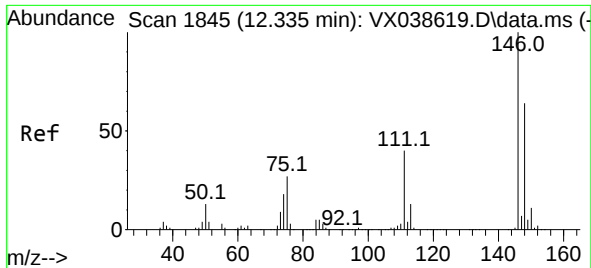


#65
1,4-Dichlorobenzene
Concen: 107.015 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09



Tgt Ion:146 Resp: 784802
Ion Ratio Lower Upper
146 100
111 36.7 26.0 48.2
148 64.5 44.8 83.2

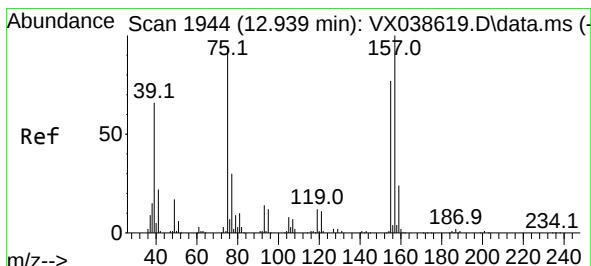
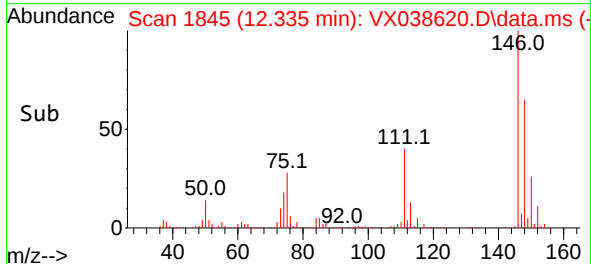
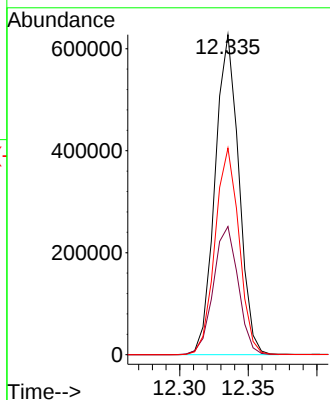
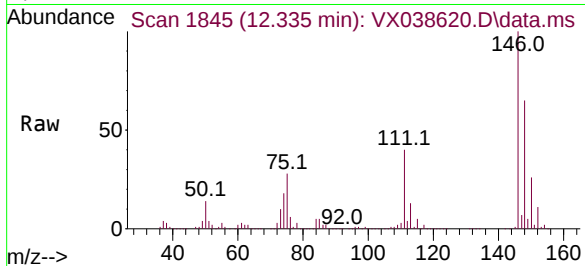




#67
1,2-Dichlorobenzene
Concen: 105.998 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

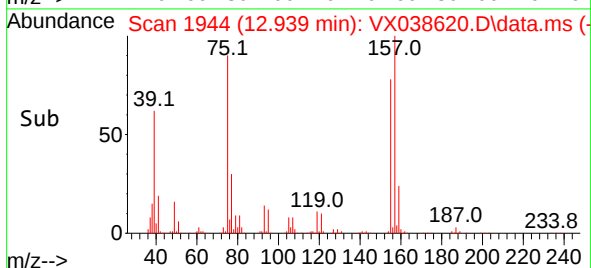
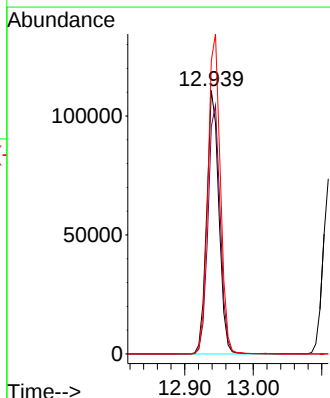
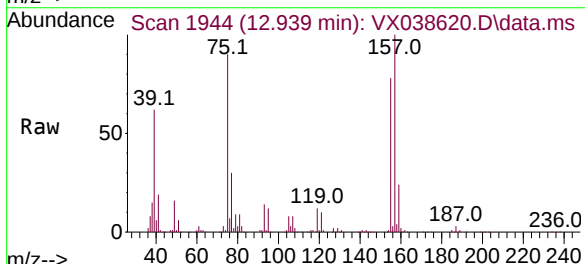
Instrument :
MSVOA_X
ClientSampleId :

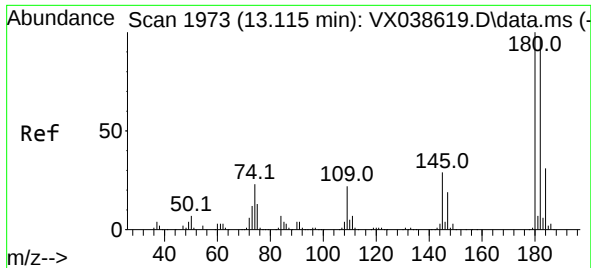
Tgt Ion:146 Resp: 758283
Ion Ratio Lower Upper
146 100
111 40.1 32.2 48.2
148 64.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 113.042 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

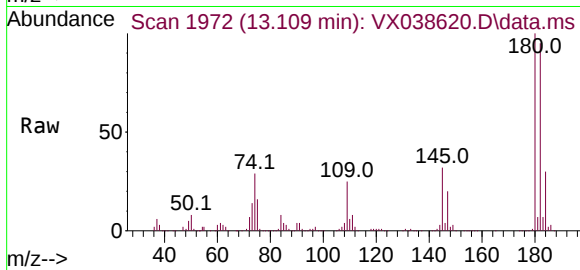
Tgt Ion: 75 Resp: 137097
Ion Ratio Lower Upper
75 100
155 86.4 66.6 99.8
157 111.4 85.9 128.9



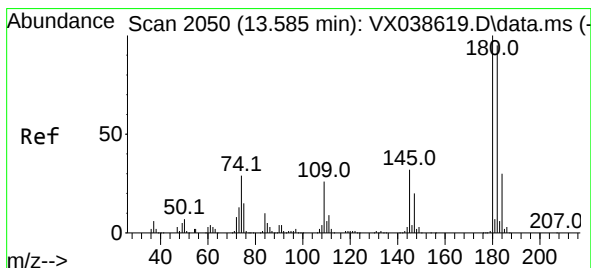
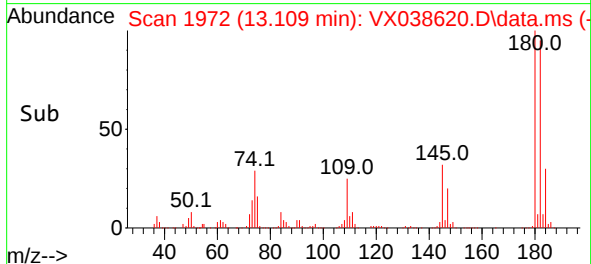
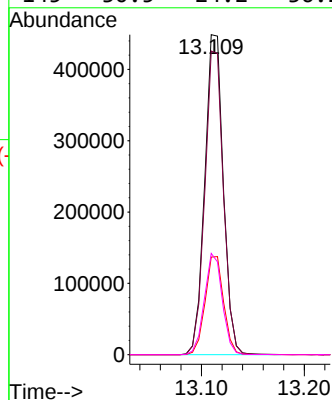


#69
 1,3,5-Trichlorobenzene
 Concen: 114.639 ug/L
 RT: 13.109 min Scan# 1973
 Delta R.T. -0.006 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

Instrument :
 MSVOA_X
 ClientSampleId :

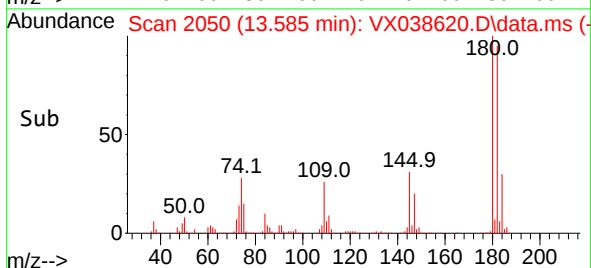
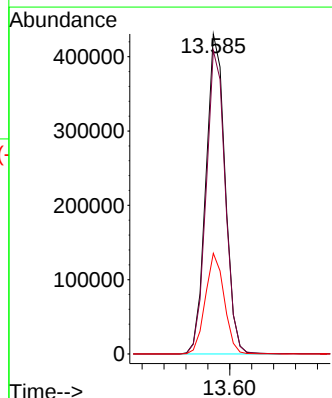
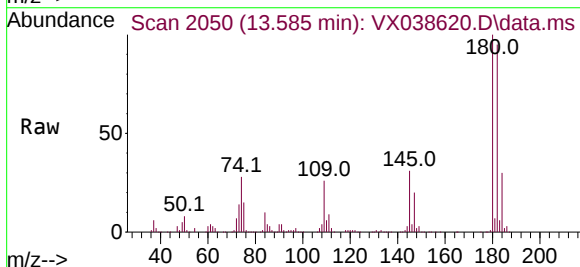


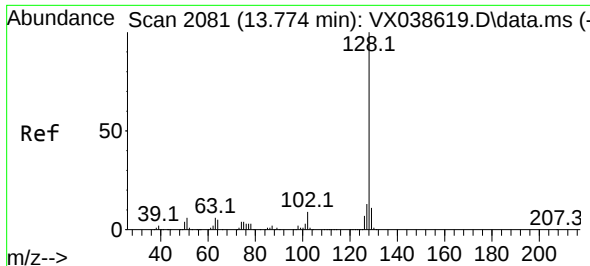
Tgt Ion:180 Resp: 564700
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.9 115.3
 184 30.6 24.5 36.7
 145 30.5 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 112.234 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX038620.D
 Acq: 27 Oct 2023 23:09

Tgt Ion:180 Resp: 521541
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.9 113.9
 145 31.0 24.5 36.7

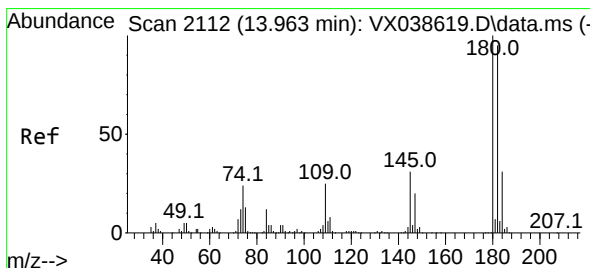
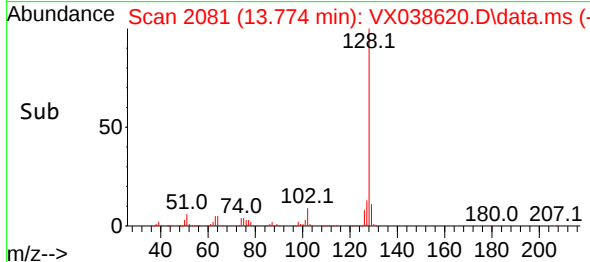
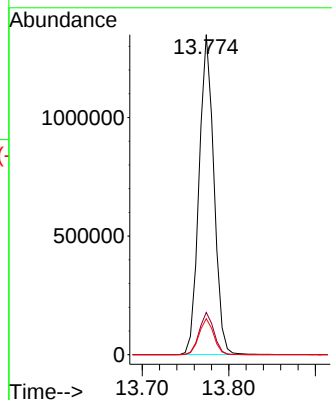
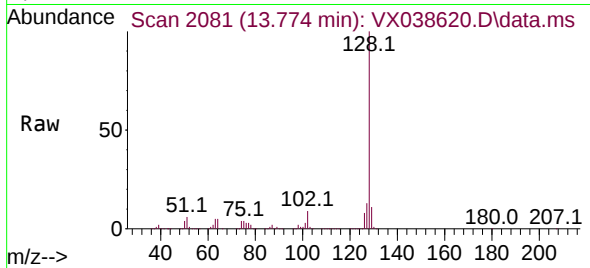




#71
Naphthalene
Concen: 104.941 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1603217
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 111.753 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX038620.D
Acq: 27 Oct 2023 23:09

Tgt Ion:180 Resp: 506313
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.4
145 32.7 25.8 38.6

