

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042642.D
 Acq On : 27 Jul 2024 08:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 01:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 03:03:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	176802	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	159938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	73019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47783	44.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.980%
7) Chloroethane-d5	1.648	69	22090	49.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.820%
11) 1,1-Dichloroethene-d2	2.300	65	25206	47.627	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.260%
21) 2-Butanone-d5	4.465	46	73224	91.978	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.980%
24) Chloroform-d	5.056	84	118145	50.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.500%
26) 1,2-Dichloroethane-d4	5.952	65	75880	50.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
32) Benzene-d6	5.970	84	228514	51.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	7.306	67	67663	51.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.020%
41) Toluene-d8	8.647	98	209698	52.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.380%
43) trans-1,3-Dichloroprop...	8.952	79	27698	45.054	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.100%
47) 2-Hexanone-d5	9.384	63	55871	95.122	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94021	49.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.420%
66) 1,2-Dichlorobenzene-d4	12.317	152	72908	52.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79067	50.618	ug/L	100
3) Chloromethane	1.294	50	57783	44.734	ug/L	98
5) Vinyl chloride	1.374	62	54887	44.700	ug/L	97
6) Bromomethane	1.599	94	18861	49.094	ug/L	94
8) Chloroethane	1.666	64	21705	48.280	ug/L	99
9) Trichlorofluoromethane	1.874	101	77219	44.430	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	60441	48.395	ug/L	97
12) 1,1-Dichloroethene	2.313	96	56149	49.125	ug/L	98
13) Acetone	2.392	43	50573	81.268	ug/L	96
14) Carbon disulfide	2.508	76	128640	46.095	ug/L	100
15) Methyl Acetate	2.709	43	59906	43.429	ug/L	96
16) Methylene chloride	2.788	84	62116	47.058	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	59457	50.689	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	197506	48.579	ug/L	99
19) 1,1-Dichloroethane	3.605	63	107028	47.790	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	67021	50.024	ug/L	96
22) 2-Butanone	4.568	43	78513	82.840	ug/L	93
23) Bromochloromethane	4.891	128	32237	50.813	ug/L	84
25) Chloroform	5.093	83	117332	49.136	ug/L	98

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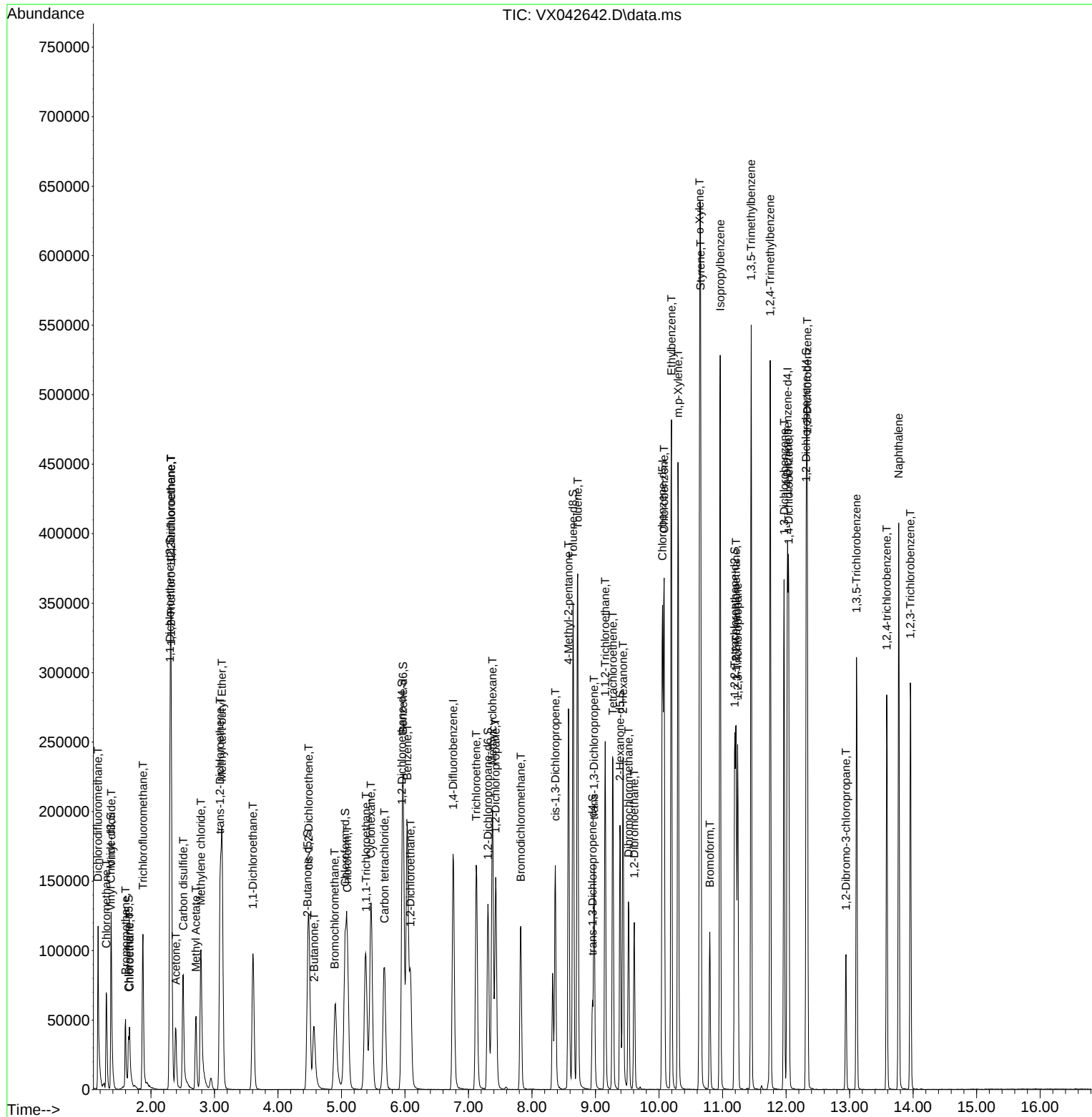
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	89887	47.395	ug/L	96
29) Cyclohexane	5.464	56	89100	47.124	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	101485	49.676	ug/L	98
31) Carbon tetrachloride	5.678	117	83862	48.599	ug/L	98
33) Benzene	6.037	78	245252	50.107	ug/L	100
34) Trichloroethene	7.123	95	64157	49.062	ug/L	95
35) Methylcyclohexane	7.379	83	96920	48.969	ug/L	96
37) 1,2-Dichloropropane	7.427	63	61898	48.659	ug/L	99
38) Bromodichloromethane	7.824	83	79556	48.388	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	81369	41.672	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	153550	87.735	ug/L #	94
42) Toluene	8.720	91	254987	50.580	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	77421	43.741	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	63886	49.725	ug/L	98
46) Tetrachloroethene	9.275	164	46184	51.787	ug/L	93
48) 2-Hexanone	9.433	43	119682	87.927	ug/L	95
49) Dibromochloromethane	9.519	129	59779	49.827	ug/L	91
50) 1,2-Dibromoethane	9.610	107	67702	50.666	ug/L #	99
51) Chlorobenzene	10.079	112	163161	50.049	ug/L	99
52) Ethylbenzene	10.195	91	277663	50.216	ug/L	98
53) m,p-Xylene	10.299	106	107319	51.521	ug/L	97
54) o-Xylene	10.640	106	106168	51.236	ug/L	95
55) Styrene	10.653	104	176052	50.968	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	99334	48.348	ug/L	98
59) Bromoform	10.799	173	39876	48.663	ug/L	99
60) Isopropylbenzene	10.963	105	274057	49.672	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	76088	45.041	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	226943	49.457	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	226226	49.930	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	115742	48.777	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	115459	48.309	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	118976	49.793	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	19970	44.374	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	71333	48.467	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	63752	49.394	ug/L	98
71) Naphthalene	13.774	128	243910	48.990	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	67233	50.288	ug/L	100

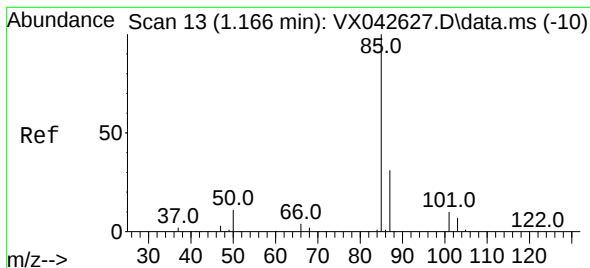
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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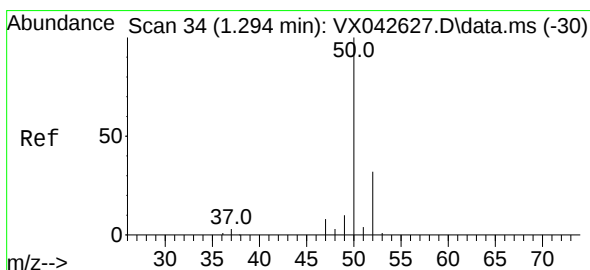
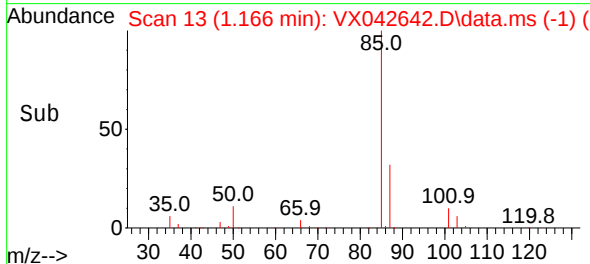
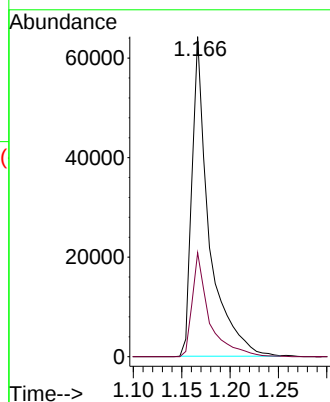
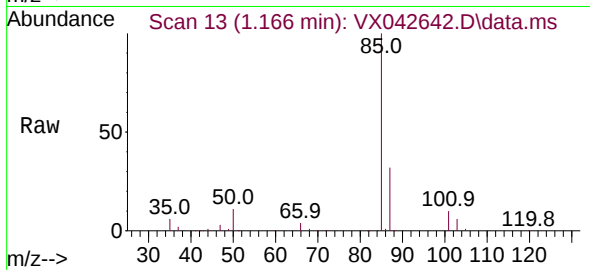




#2
Dichlorodifluoromethane
Concen: 50.618 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

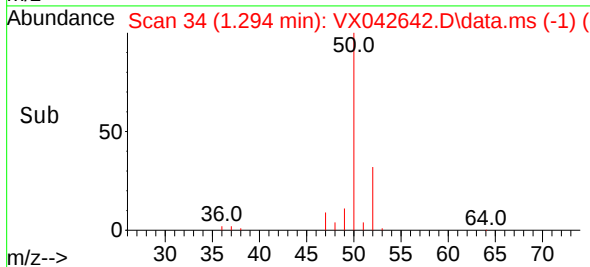
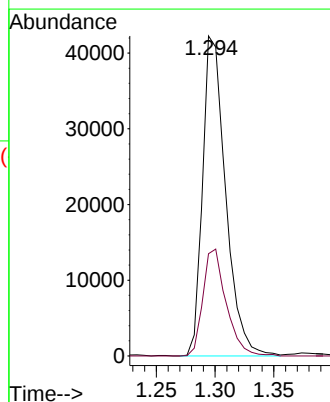
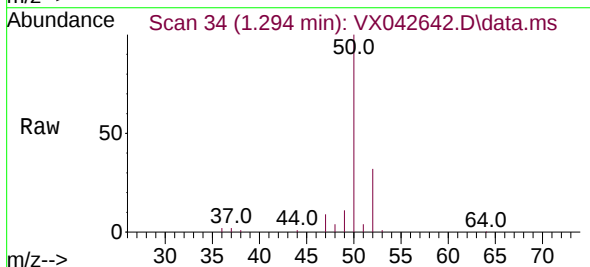
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MSVOA_X
ClientSampleId :

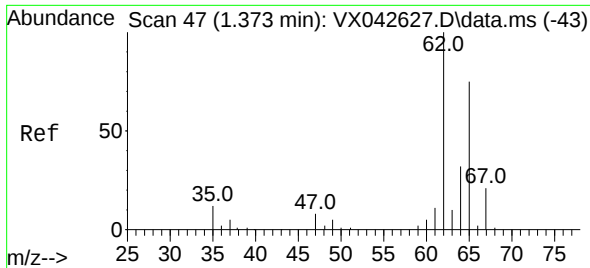
Tgt Ion: 85 Resp: 79067
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 44.734 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

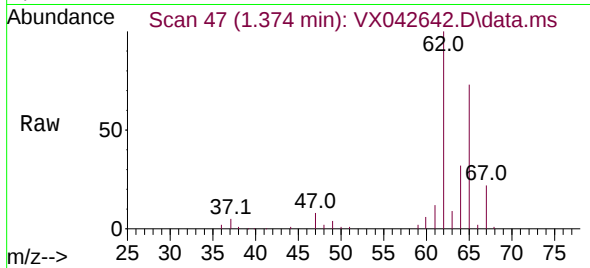
Tgt Ion: 50 Resp: 57783
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.6



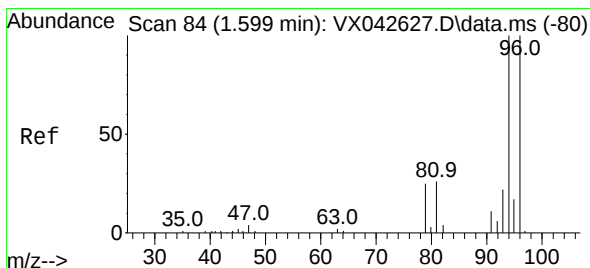
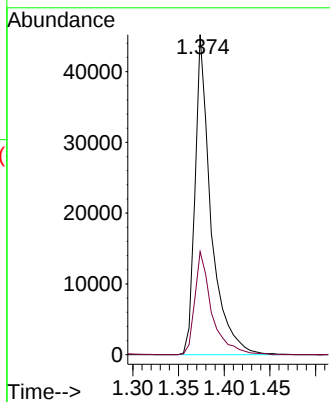
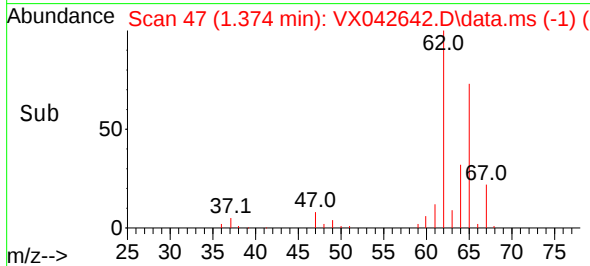


#5
 Vinyl chloride
 Concen: 44.700 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042642.D
 Acq: 27 Jul 2024 08:21

Instrument :
 MSVOA_X
 ClientSampleId :

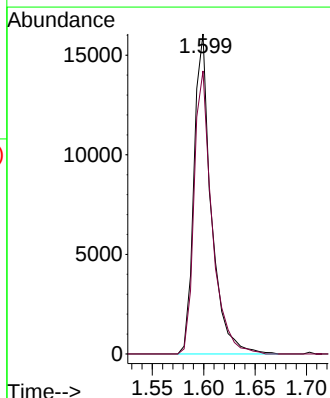
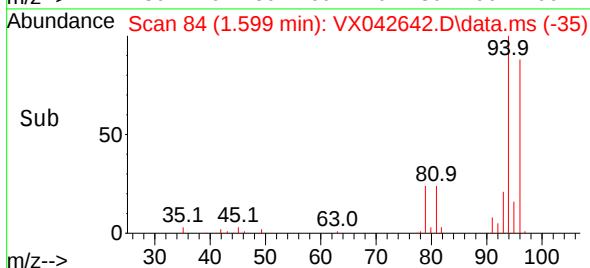
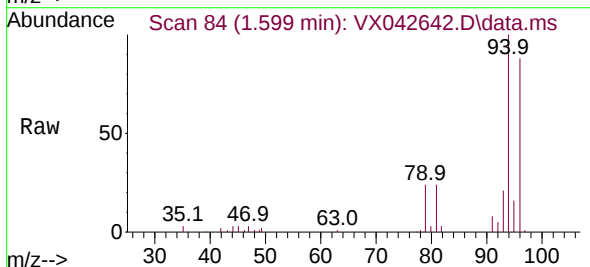


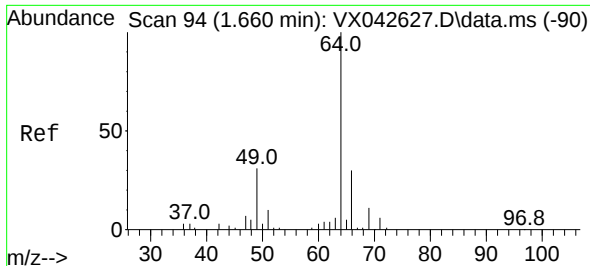
Tgt Ion: 62 Resp: 54887
 Ion Ratio Lower Upper
 62 100
 64 32.2 21.6 40.0



#6
 Bromomethane
 Concen: 49.094 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX042642.D
 Acq: 27 Jul 2024 08:21

Tgt Ion: 94 Resp: 18861
 Ion Ratio Lower Upper
 94 100
 96 88.4 66.1 122.7

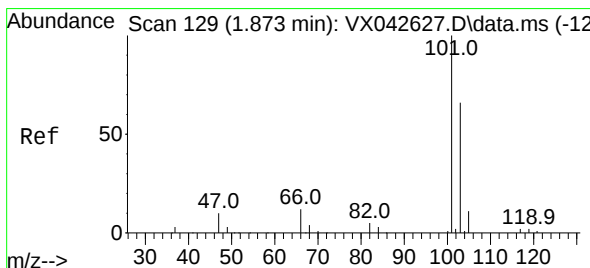
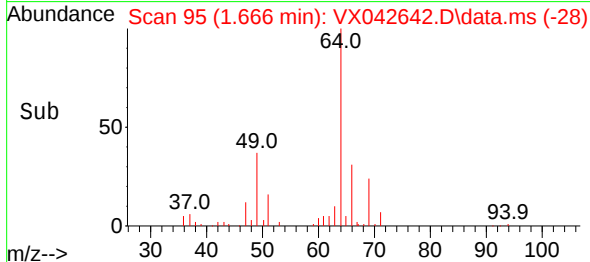
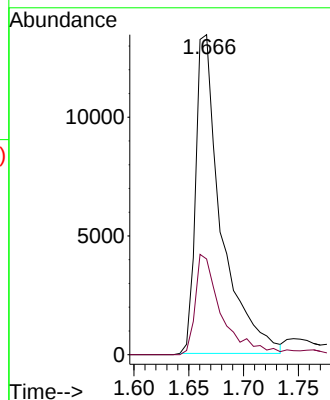
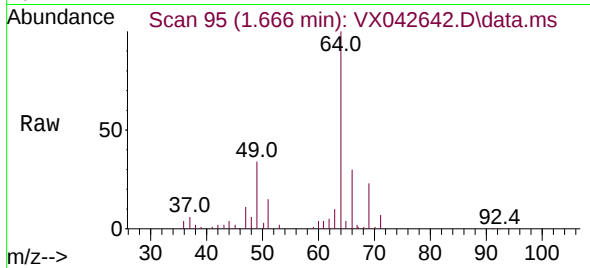




#8
Chloroethane
Concen: 48.280 ug/L
RT: 1.666 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

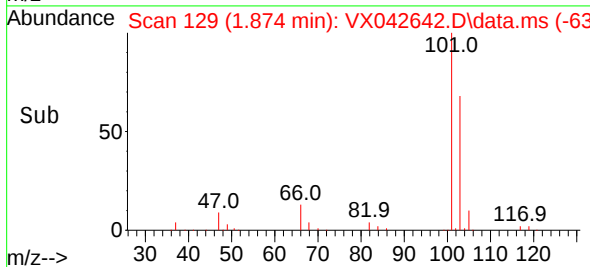
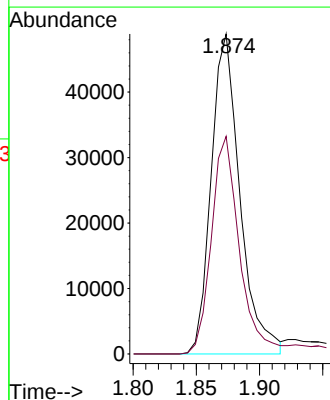
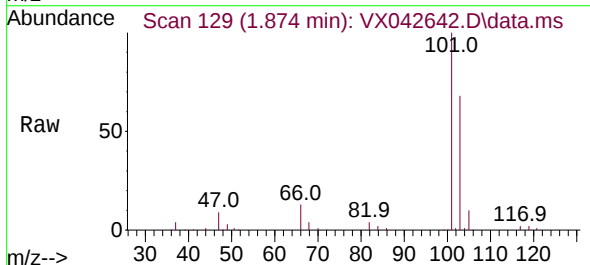
Instrument :
MSVOA_X
ClientSampleId :

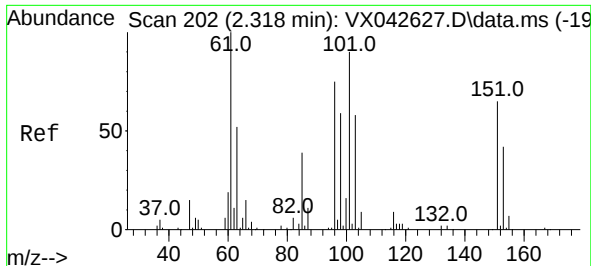
Tgt Ion: 64 Resp: 21705
Ion Ratio Lower Upper
64 100
66 29.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 44.430 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion:101 Resp: 77219
Ion Ratio Lower Upper
101 100
103 66.6 45.2 67.8

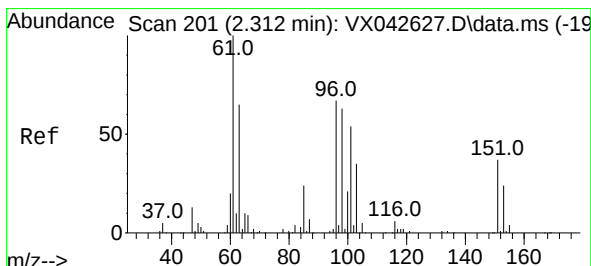
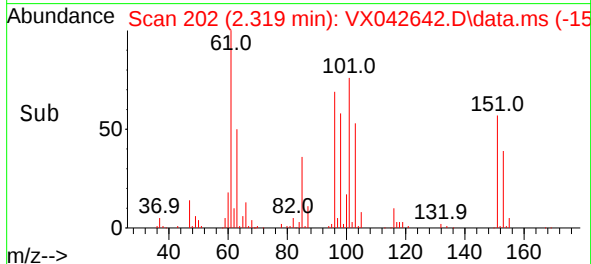
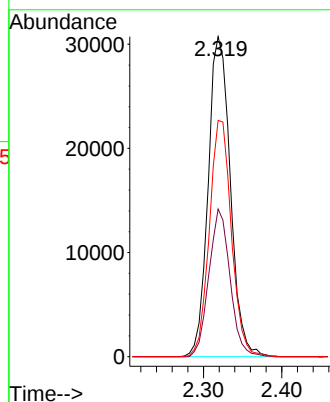
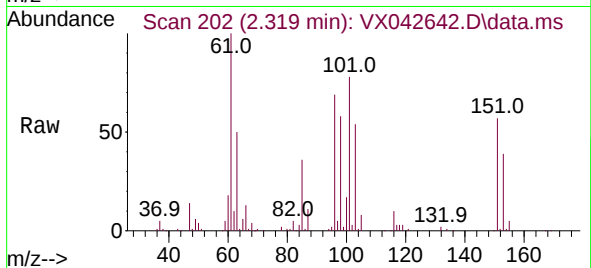




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.395 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

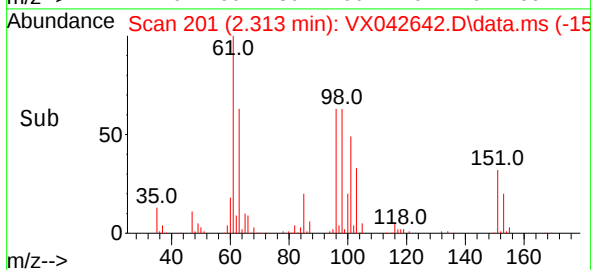
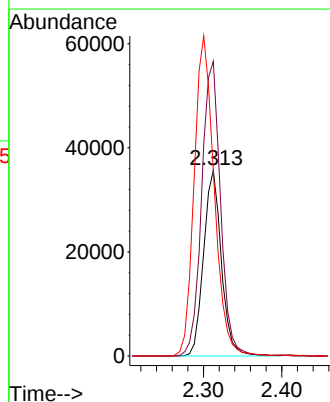
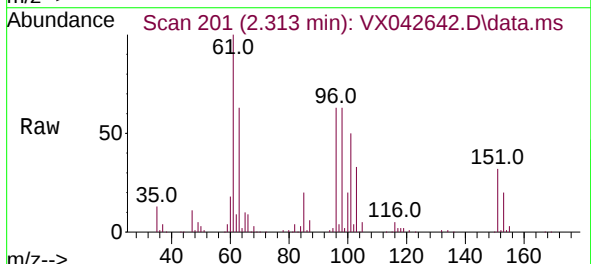
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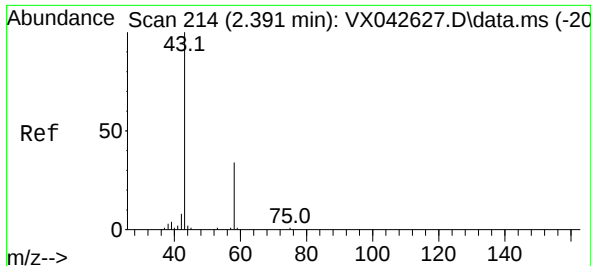
Tgt Ion:101 Resp: 60441
Ion Ratio Lower Upper
101 100
85 44.0 34.4 51.6
151 73.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 49.125 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion: 96 Resp: 56149
Ion Ratio Lower Upper
96 100
61 158.7 113.0 209.9
63 99.6 70.5 130.9

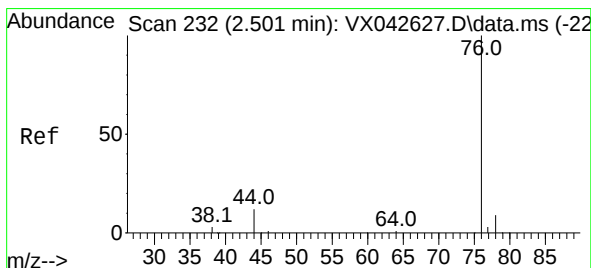
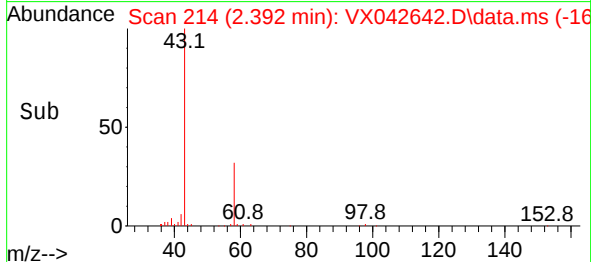
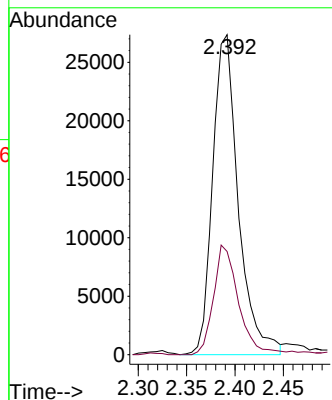
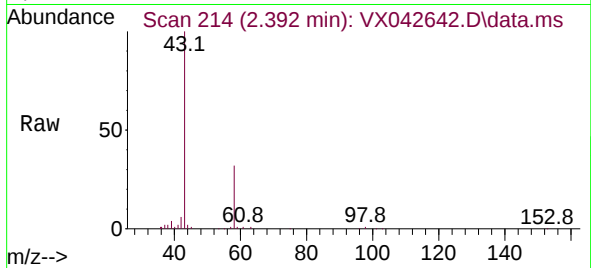




#13
Acetone
Concen: 81.268 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

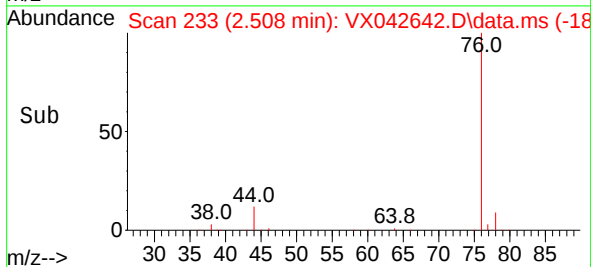
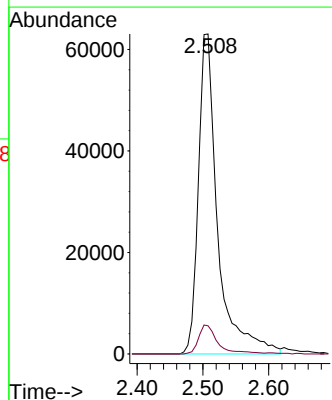
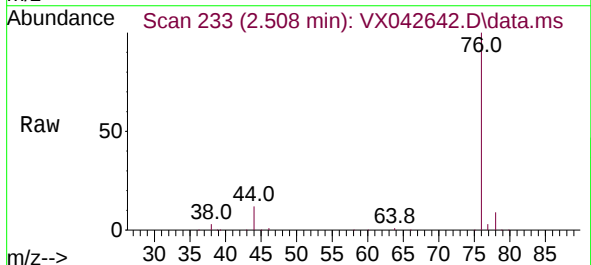
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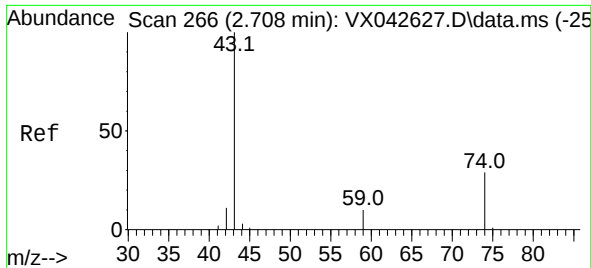
Tgt Ion: 43 Resp: 50573
Ion Ratio Lower Upper
43 100
58 33.2 0.0 62.4



#14
Carbon disulfide
Concen: 46.095 ug/L
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion: 76 Resp: 128640
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





#15

Methyl Acetate

Concen: 43.429 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

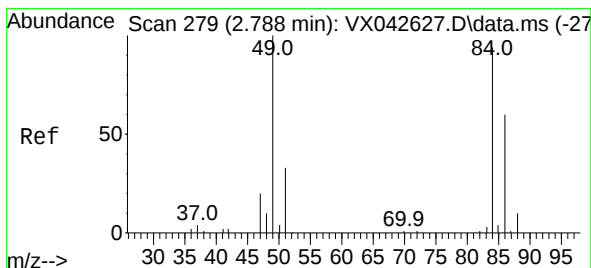
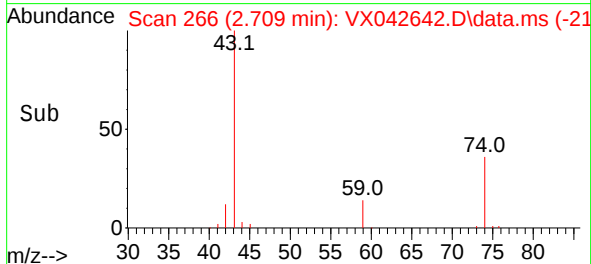
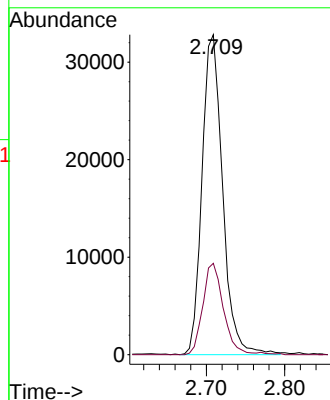
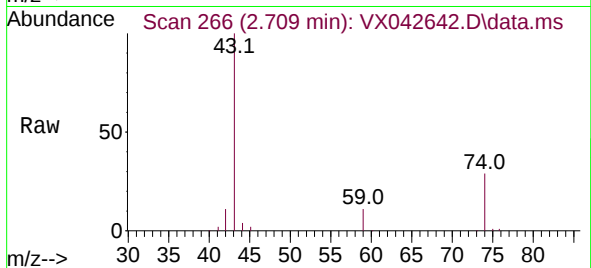
ClientSampleId :

Tgt Ion: 43 Resp: 59906

Ion Ratio Lower Upper

43 100

74 28.4 21.0 31.4



#16

Methylene chloride

Concen: 47.058 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

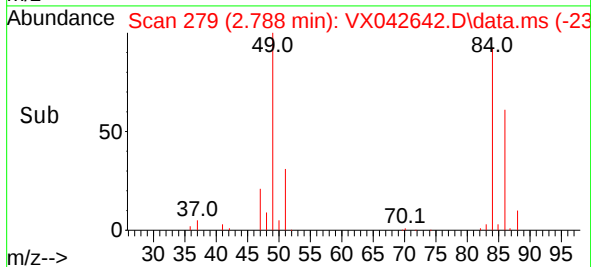
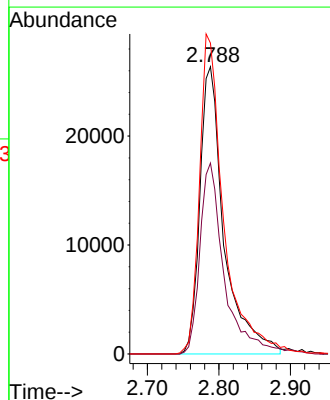
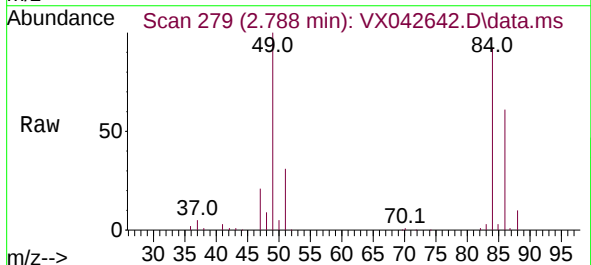
Tgt Ion: 84 Resp: 62116

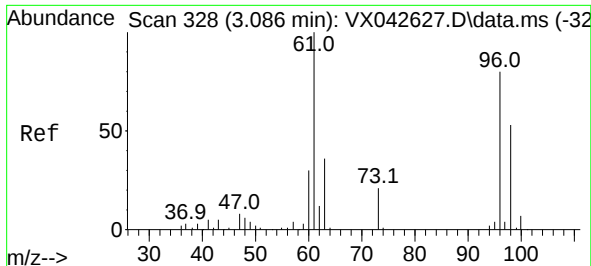
Ion Ratio Lower Upper

84 100

86 66.5 43.5 80.7

49 108.3 81.1 150.7





#17

trans-1,2-Dichloroethene

Concen: 50.689 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

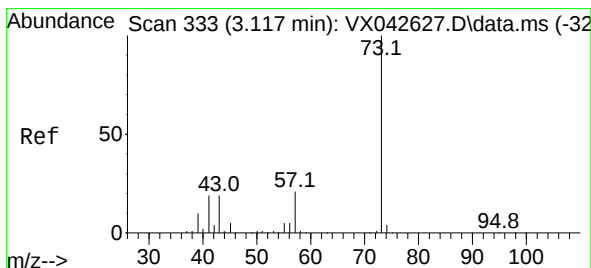
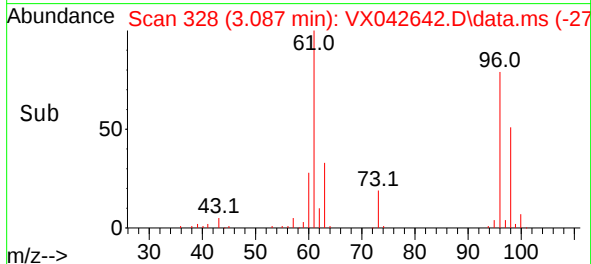
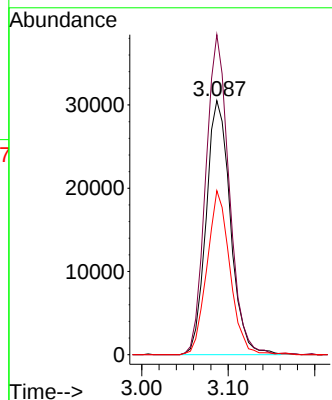
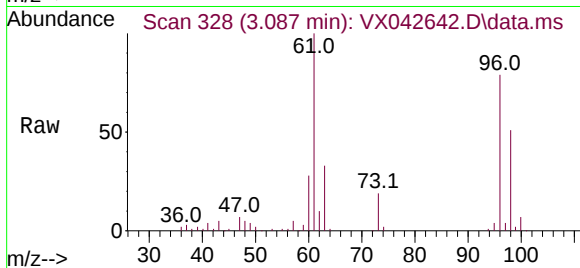
Tgt Ion: 96 Resp: 59457

Ion Ratio Lower Upper

96 100

61 125.9 99.3 184.3

98 64.5 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 48.579 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

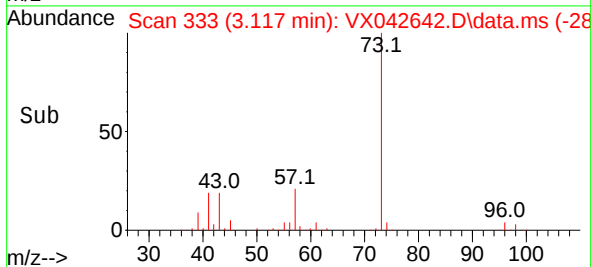
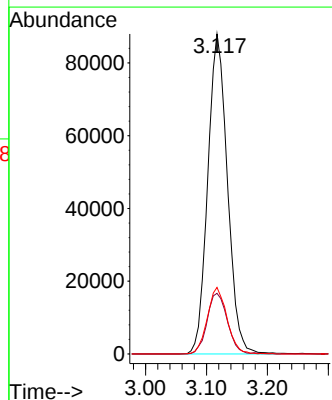
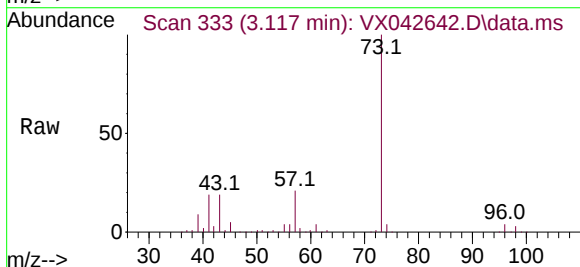
Tgt Ion: 73 Resp: 197506

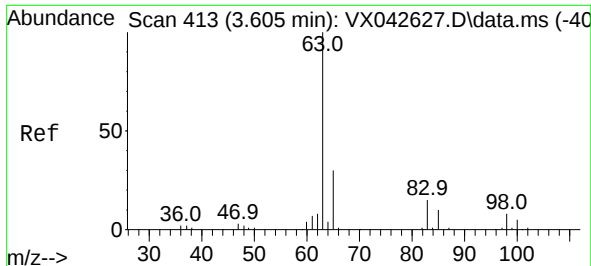
Ion Ratio Lower Upper

73 100

43 19.4 15.4 23.2

57 20.7 16.9 25.3

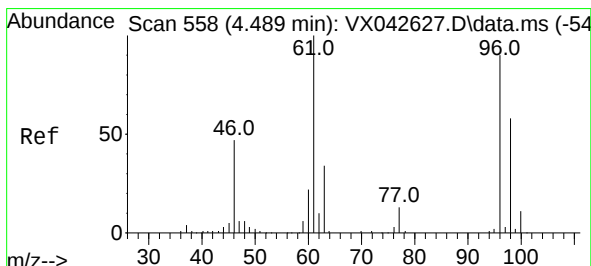
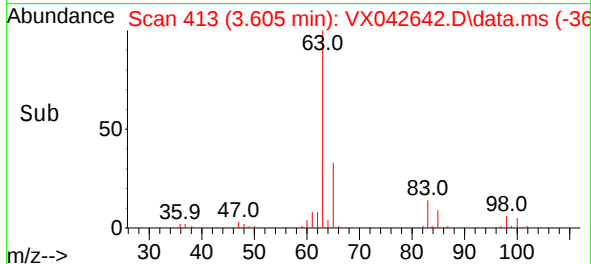
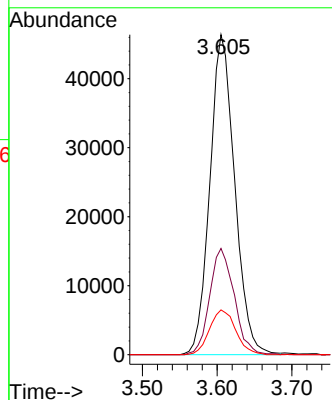
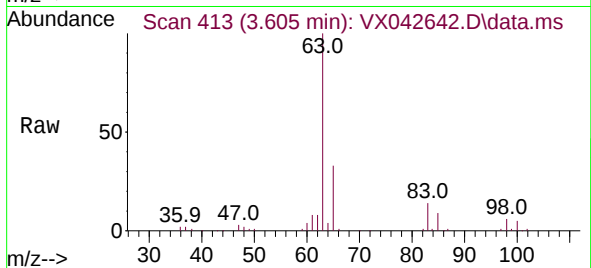




#19
1,1-Dichloroethane
Concen: 47.790 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

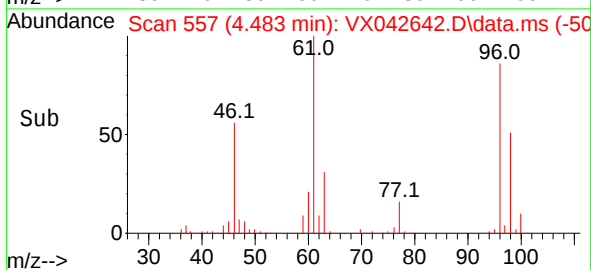
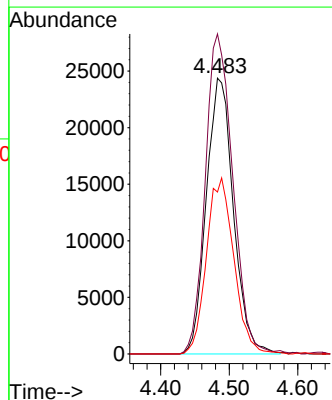
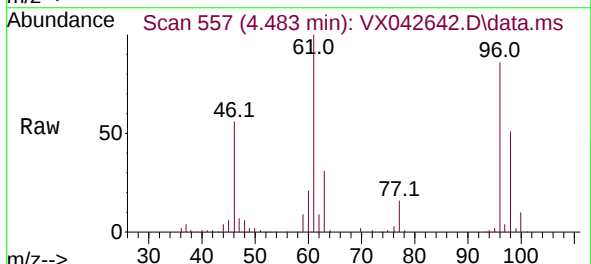
Instrument :
MSVOA_X
ClientSampleId :

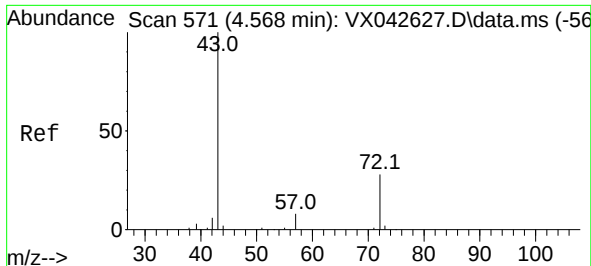
Tgt Ion: 63 Resp: 107028
Ion Ratio Lower Upper
63 100
65 33.2 23.6 43.8
83 14.0 10.9 20.3



#20
cis-1,2-Dichloroethene
Concen: 50.024 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion: 96 Resp: 67021
Ion Ratio Lower Upper
96 100
61 116.0 85.3 158.3
98 58.7 42.7 79.3

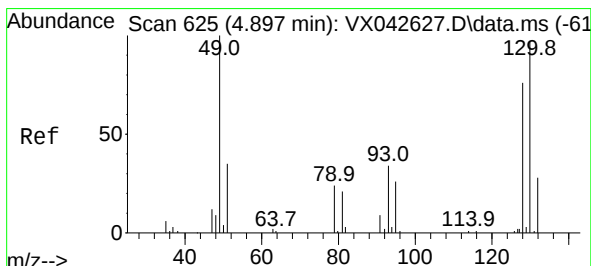
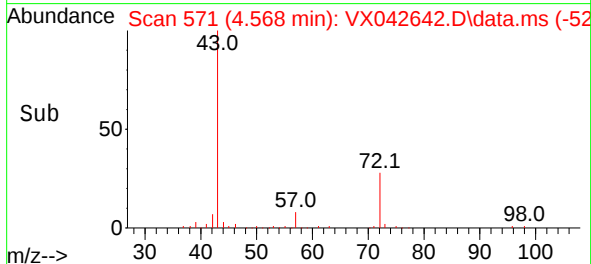
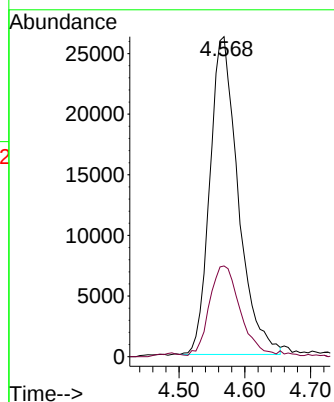
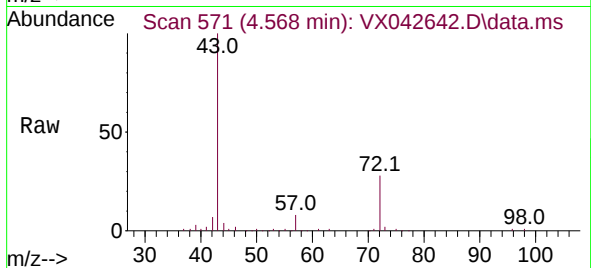




#22
2-Butanone
Concen: 82.840 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

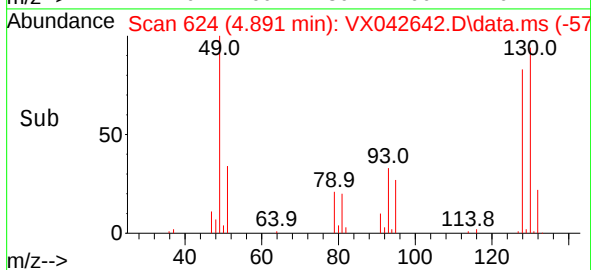
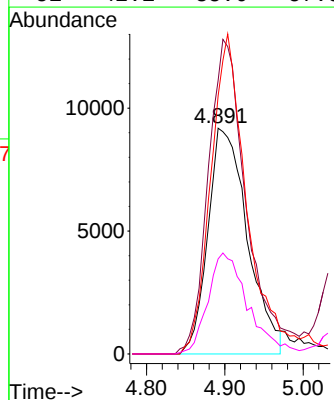
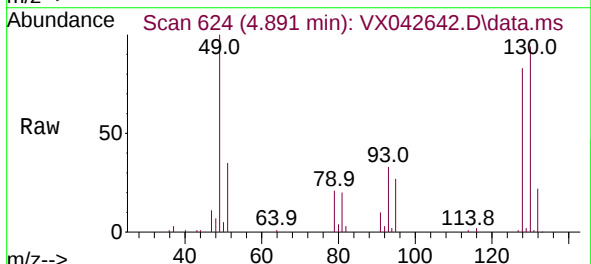
Instrument :
MSVOA_X
ClientSampleId :

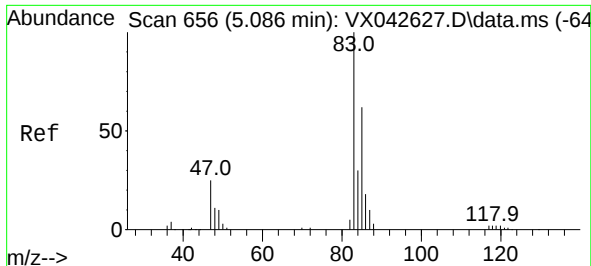
Tgt Ion: 43 Resp: 78513
Ion Ratio Lower Upper
43 100
72 30.4 13.4 40.2



#23
Bromochloromethane
Concen: 50.813 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion: 128 Resp: 32237
Ion Ratio Lower Upper
128 100
49 121.1 107.0 198.6
130 114.4 85.5 158.9
51 42.1 38.6 57.8





#25

Chloroform

Concen: 49.136 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

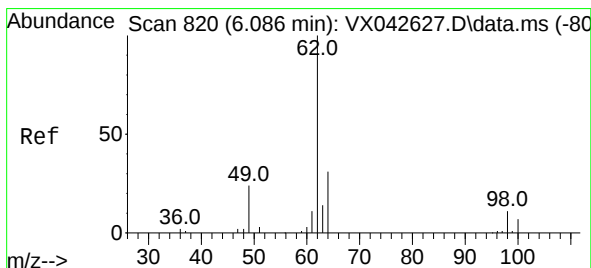
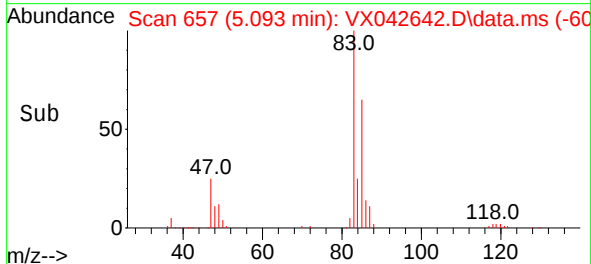
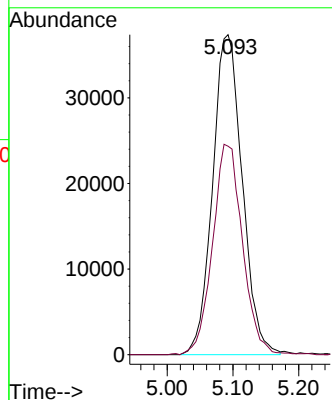
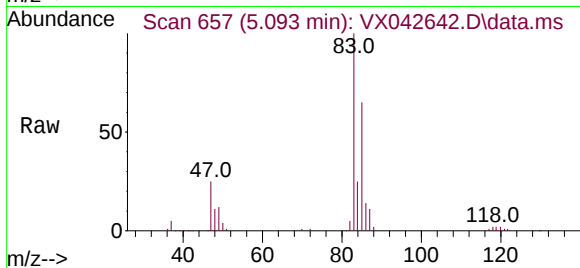
ClientSampleId :

Tgt Ion: 83 Resp: 117332

Ion Ratio Lower Upper

83 100

85 65.1 44.3 82.3



#27

1,2-Dichloroethane

Concen: 47.395 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042642.D

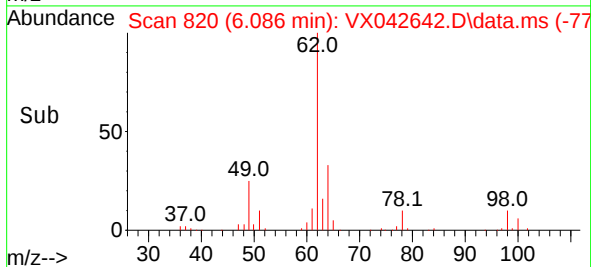
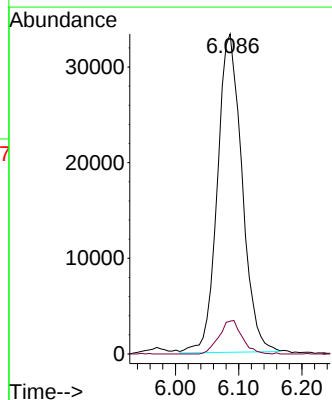
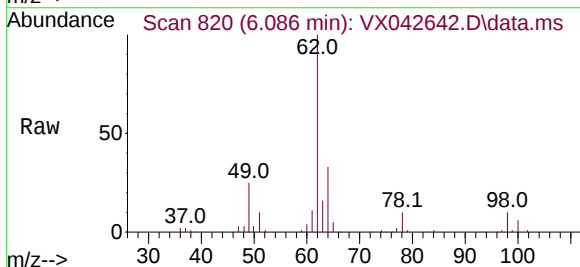
Acq: 27 Jul 2024 08:21

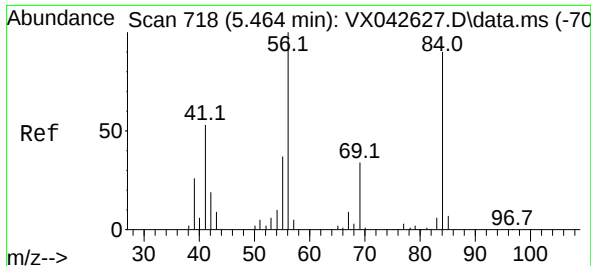
Tgt Ion: 62 Resp: 89887

Ion Ratio Lower Upper

62 100

98 10.3 7.1 10.7





#29

Cyclohexane

Concen: 47.124 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

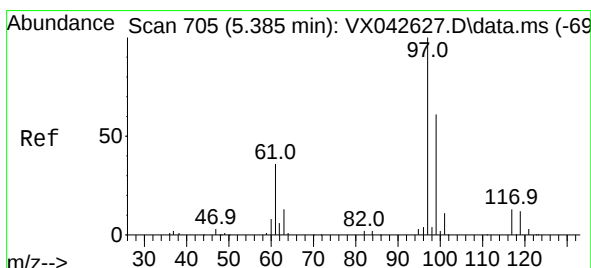
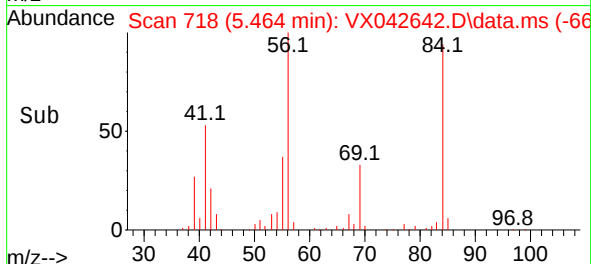
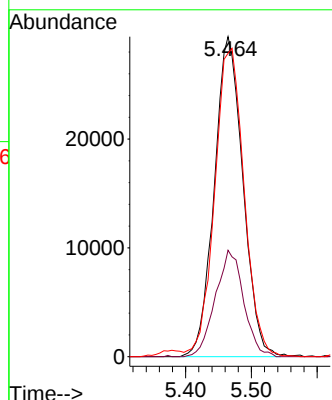
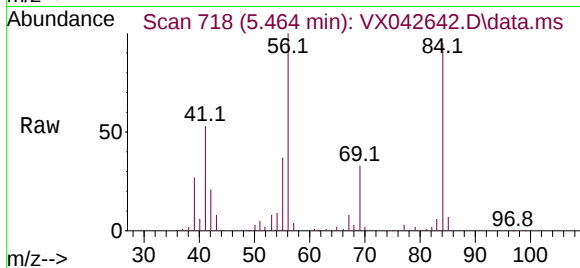
Tgt Ion: 56 Resp: 89100

Ion Ratio Lower Upper

56 100

69 32.8 26.1 39.1

84 98.4 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 49.676 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

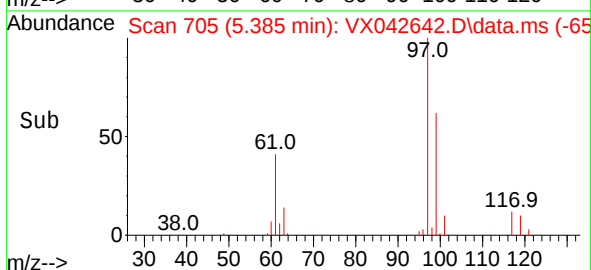
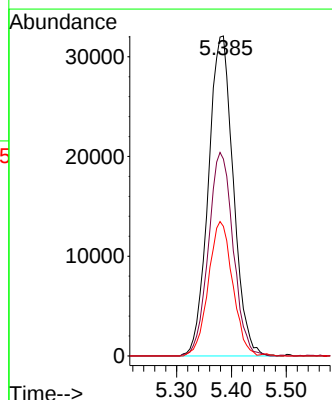
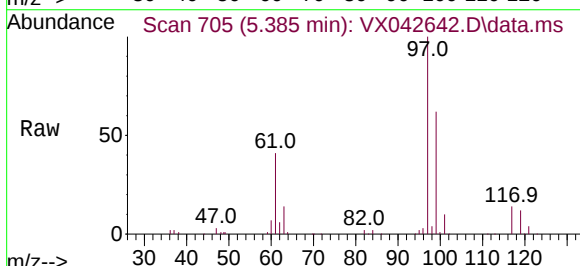
Tgt Ion: 97 Resp: 101485

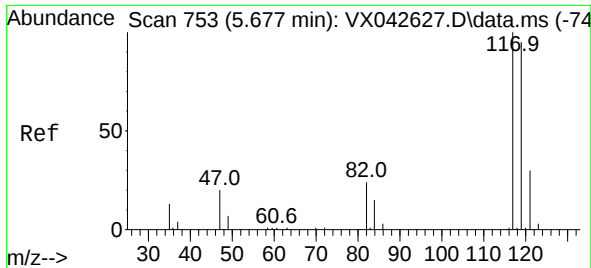
Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.0

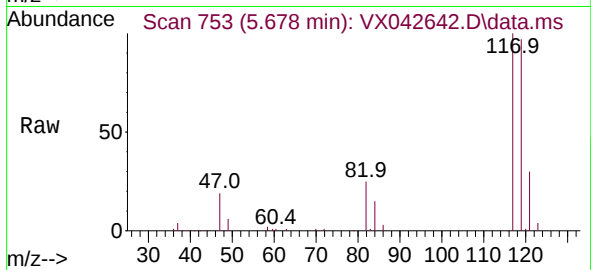
61 40.9 34.4 51.6



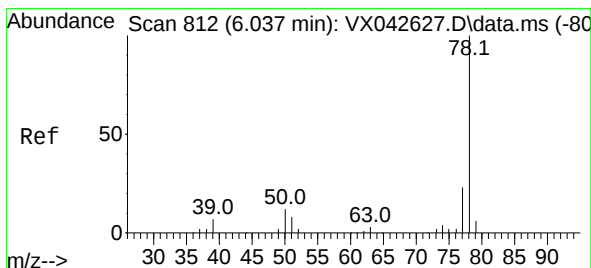
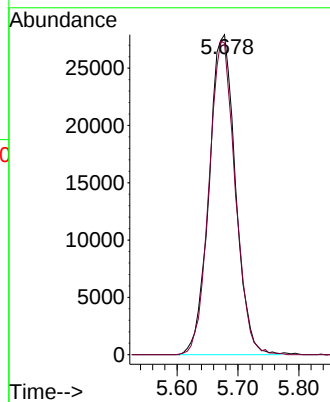
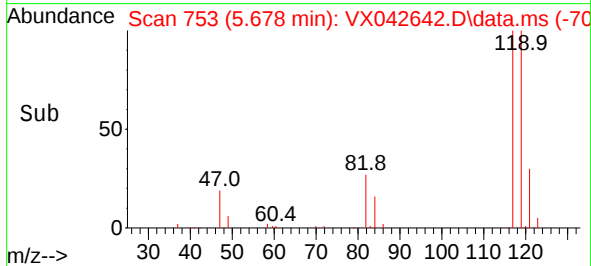


#31
Carbon tetrachloride
Concen: 48.599 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Instrument :
MSVOA_X
ClientSampleId :

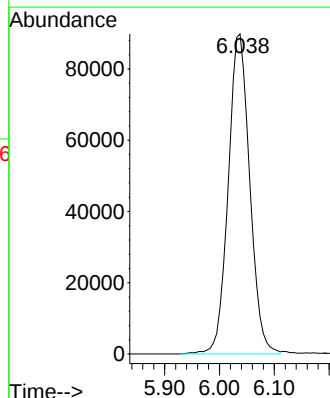
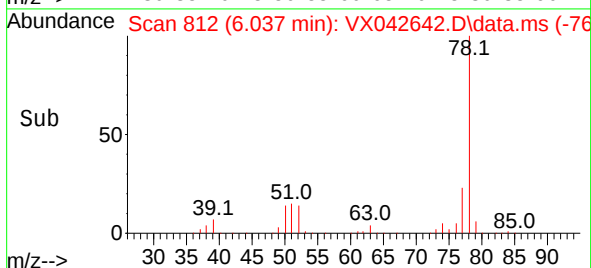
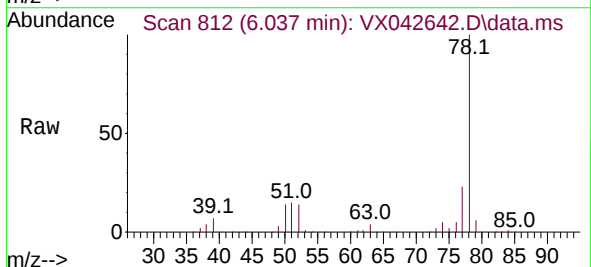


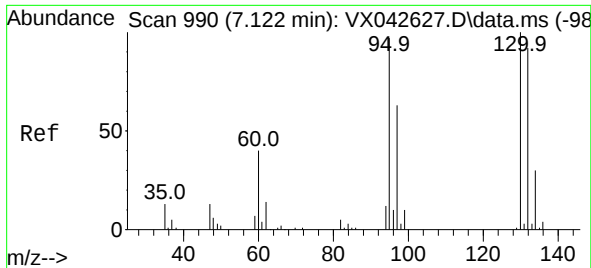
Tgt Ion:117 Resp: 83862
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2



#33
Benzene
Concen: 50.107 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

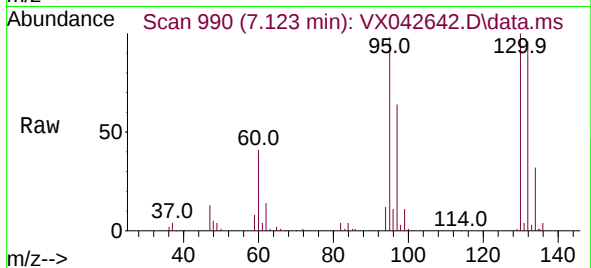
Tgt Ion: 78 Resp: 245252



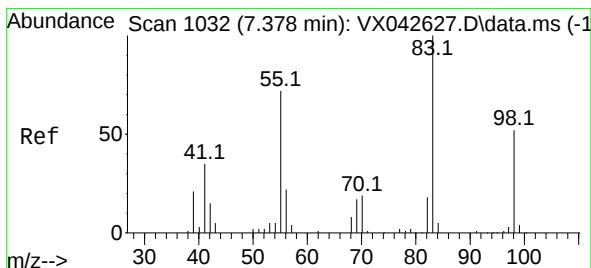
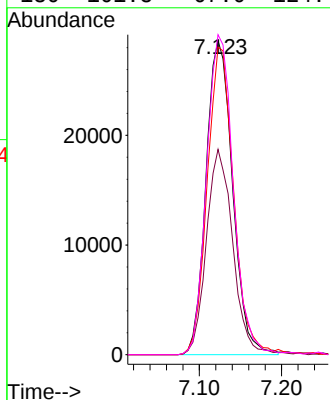
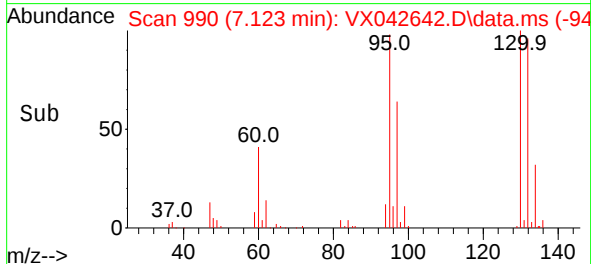


#34
Trichloroethene
Concen: 49.062 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

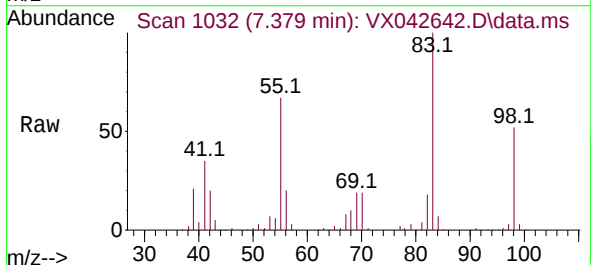
Instrument :
MSVOA_X
ClientSampleId :



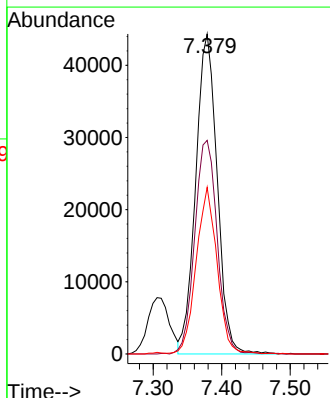
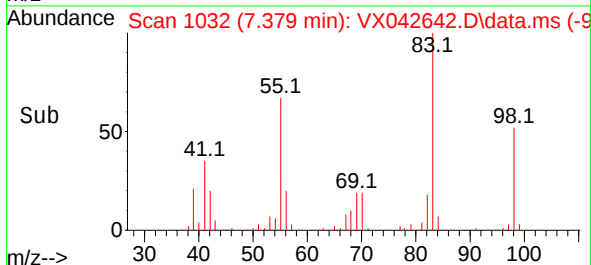
Tgt Ion: 95 Resp: 64157
Ion Ratio Lower Upper
95 100
97 65.4 46.3 86.1
132 97.9 64.3 119.5
130 101.8 67.0 124.4

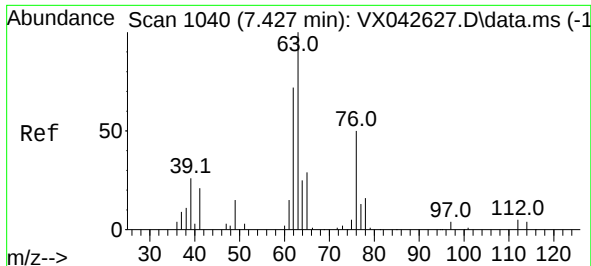


#35
Methylcyclohexane
Concen: 48.969 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21



Tgt Ion: 83 Resp: 96920
Ion Ratio Lower Upper
83 100
55 69.5 58.2 87.2
98 50.8 38.5 57.7

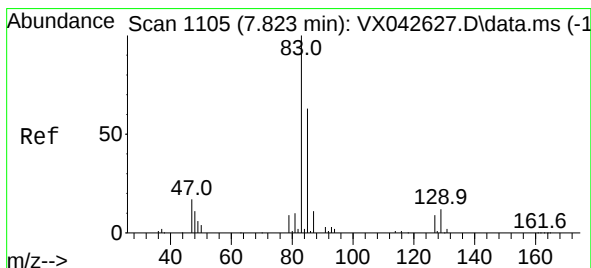
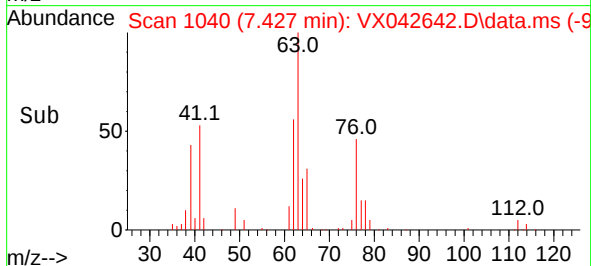
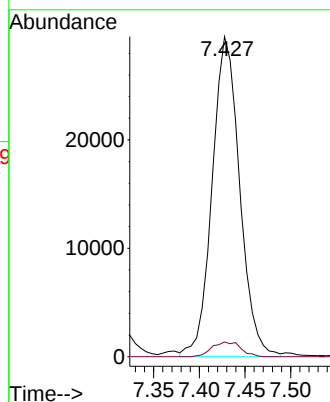
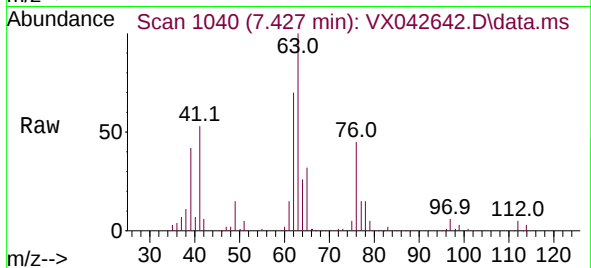




#37
1,2-Dichloropropane
Concen: 48.659 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

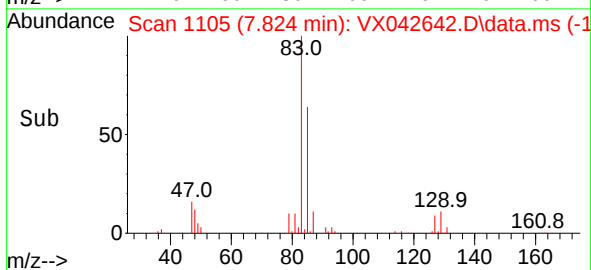
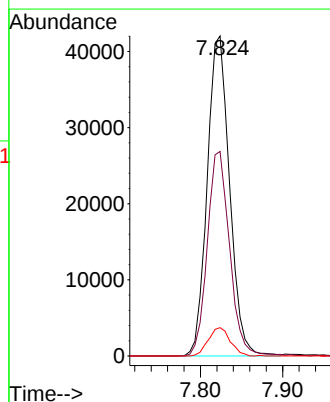
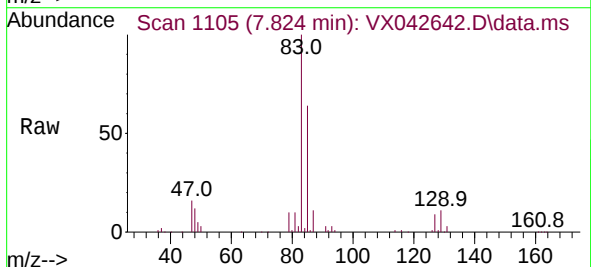
Instrument :
MSVOA_X
ClientSampleId :

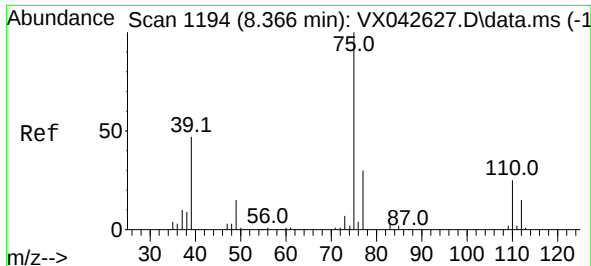
Tgt Ion: 63 Resp: 61898
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 48.388 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion: 83 Resp: 79556
Ion Ratio Lower Upper
83 100
85 63.9 43.7 81.1
127 8.8 6.5 9.7

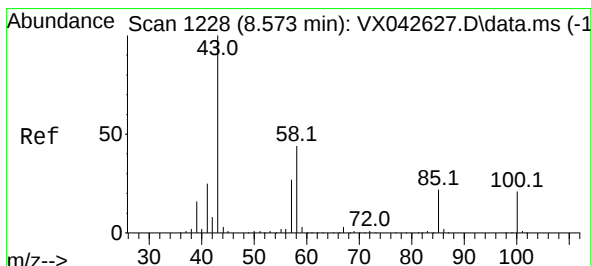
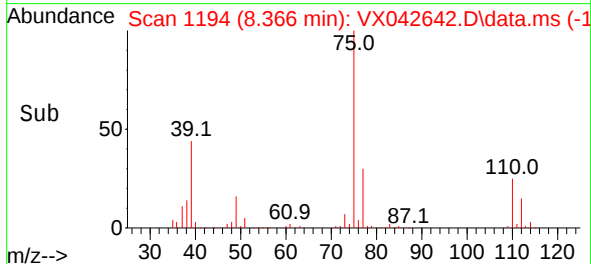
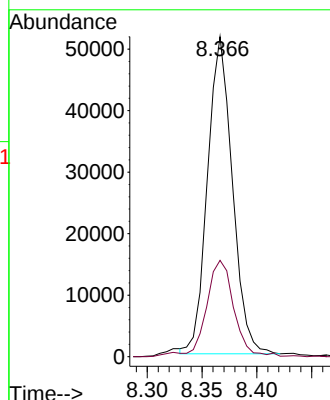
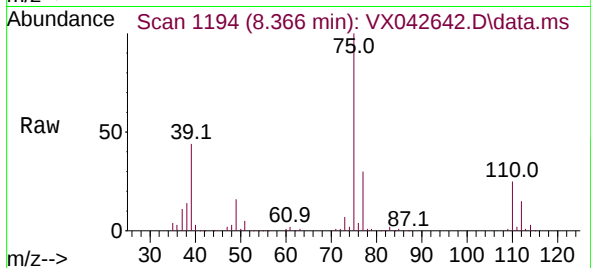




#39
 cis-1,3-Dichloropropene
 Concen: 41.672 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX042642.D
 Acq: 27 Jul 2024 08:21

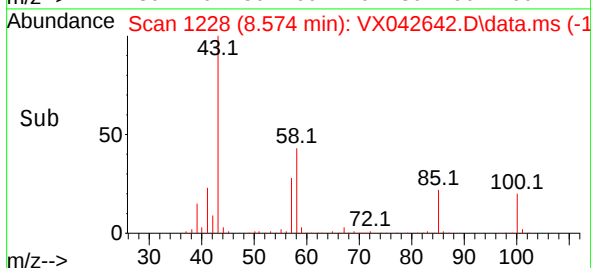
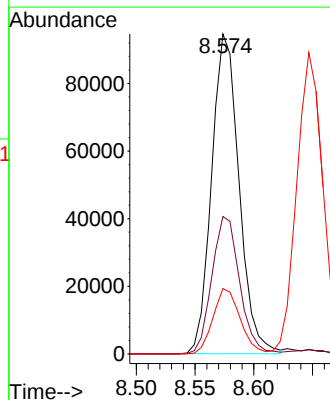
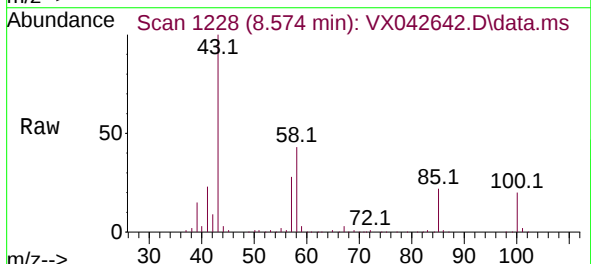
Instrument :
 MSVOA_X
 ClientSampleId :

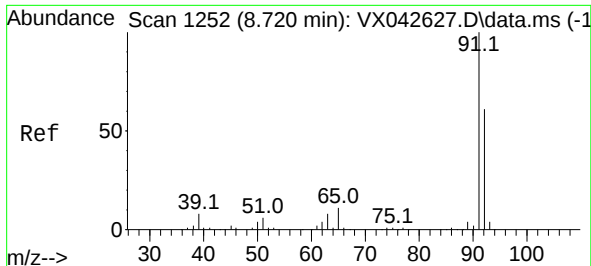
Tgt Ion: 75 Resp: 81369
 Ion Ratio Lower Upper
 75 100
 77 30.1 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 87.735 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX042642.D
 Acq: 27 Jul 2024 08:21

Tgt Ion: 43 Resp: 153550
 Ion Ratio Lower Upper
 43 100
 58 43.5 32.4 48.6
 100 20.1 13.4 20.0#





#42

Toluene

Concen: 50.580 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

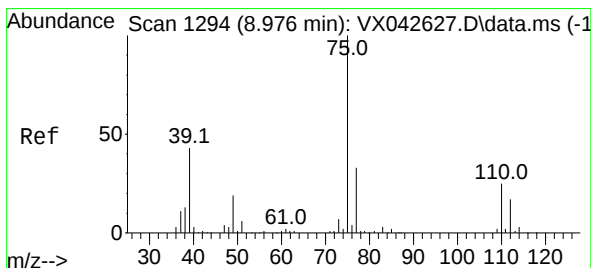
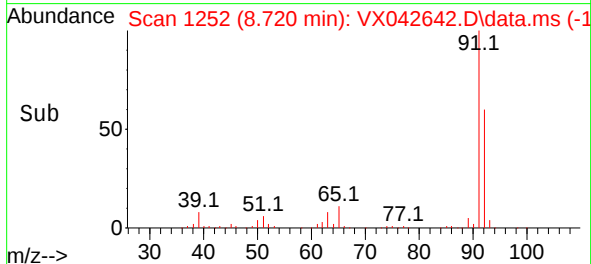
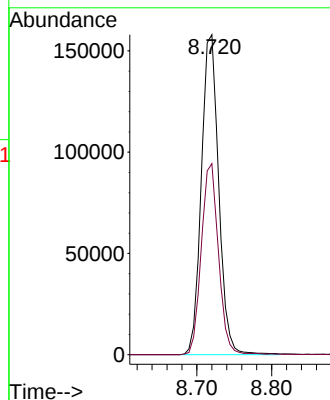
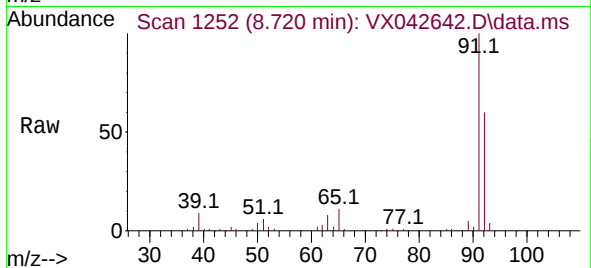
ClientSampleId :

Tgt Ion: 91 Resp: 254987

Ion Ratio Lower Upper

91 100

92 59.7 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 43.741 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042642.D

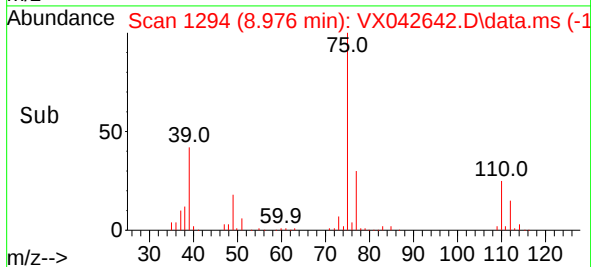
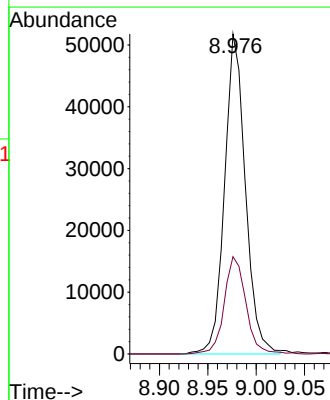
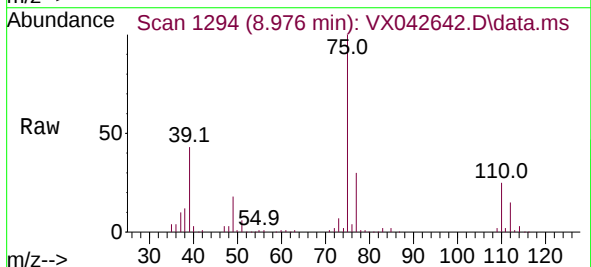
Acq: 27 Jul 2024 08:21

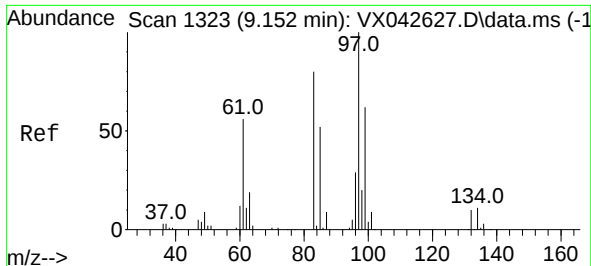
Tgt Ion: 75 Resp: 77421

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 49.725 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 63886

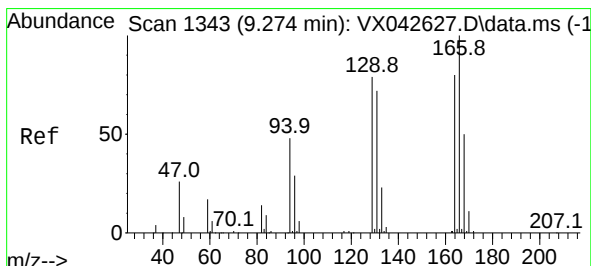
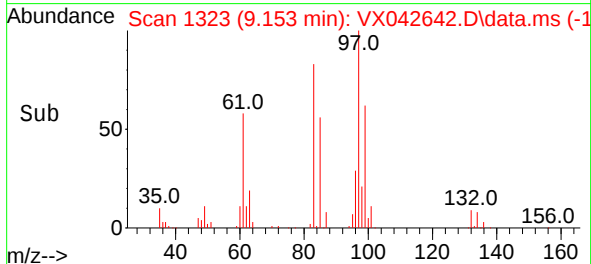
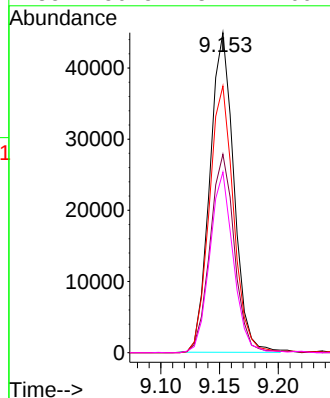
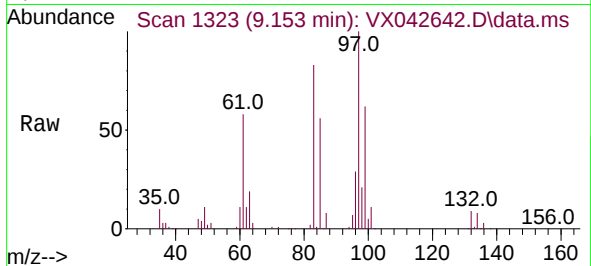
Ion Ratio Lower Upper

97 100

99 62.0 42.6 79.2

83 83.3 59.3 110.1

85 56.5 37.7 69.9



#46

Tetrachloroethene

Concen: 51.787 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Tgt Ion:164 Resp: 46184

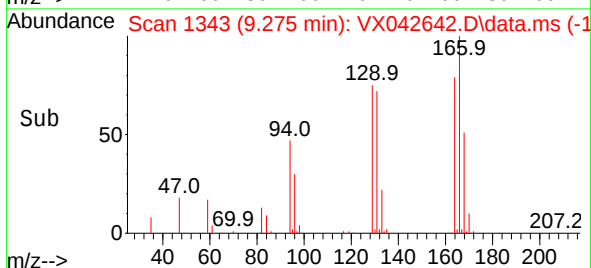
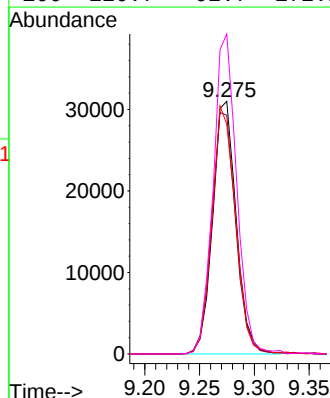
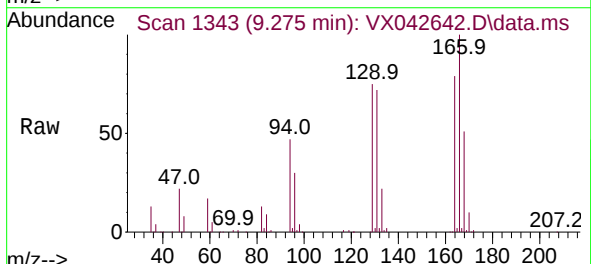
Ion Ratio Lower Upper

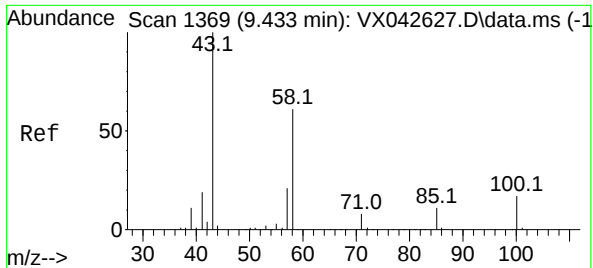
164 100

129 94.5 74.2 137.8

131 91.0 66.9 124.3

166 126.7 92.7 172.1

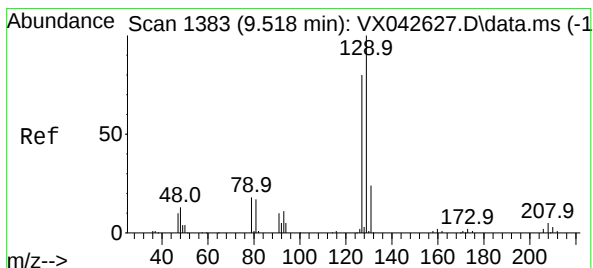
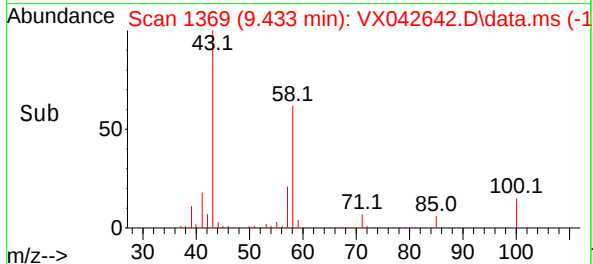
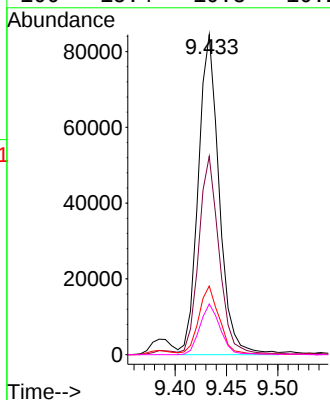
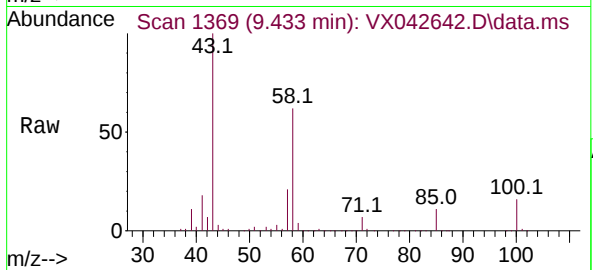




#48
2-Hexanone
Concen: 87.927 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

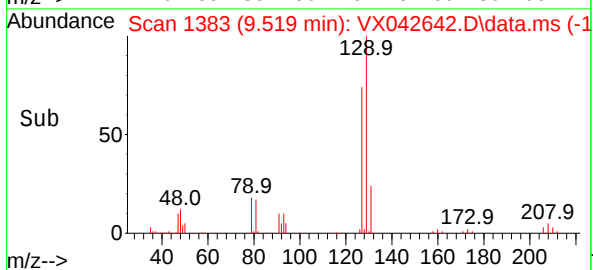
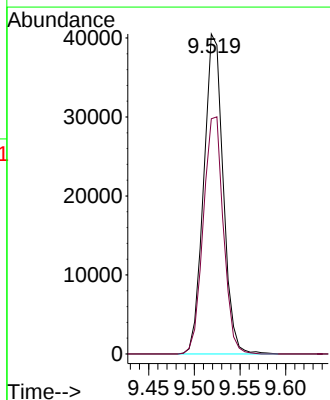
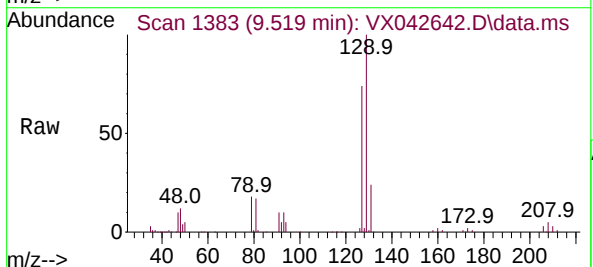
Instrument :
MSVOA_X
ClientSampleId :

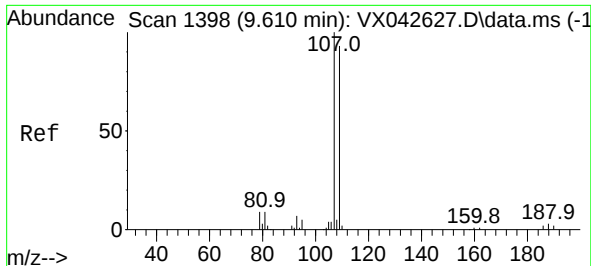
Tgt Ion:	43	Resp:	119682
Ion	Ratio	Lower	Upper
43	100		
58	60.6	44.9	67.3
57	21.3	15.8	23.6
100	15.4	10.8	16.2



#49
Dibromochloromethane
Concen: 49.827 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion:	129	Resp:	59779
Ion	Ratio	Lower	Upper
129	100		
127	73.5	57.4	106.6





#50

1,2-Dibromoethane

Concen: 50.666 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX042642.D

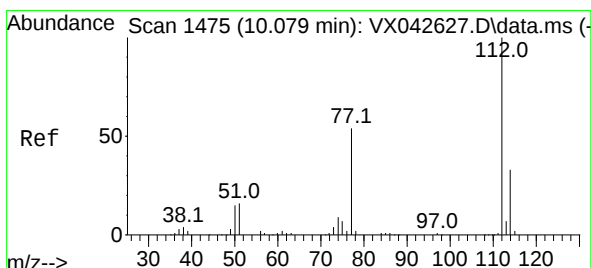
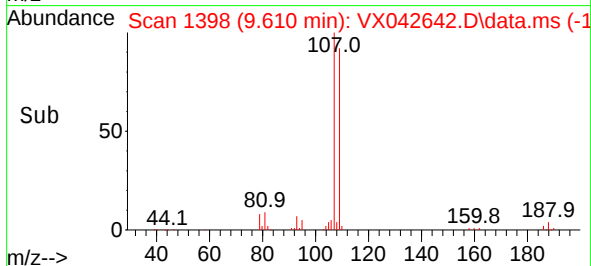
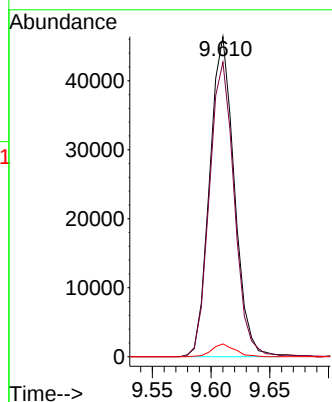
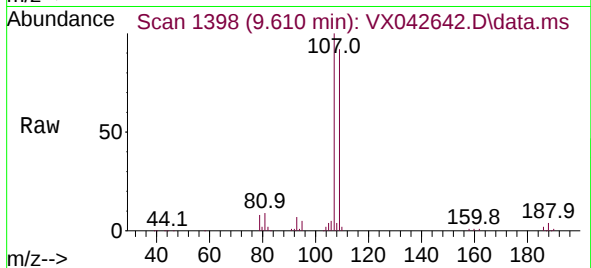
Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	67702
Ion Ratio	Lower	Upper
107	100	
109	92.1	65.4 121.4
188	4.0	2.2 3.2#



#51

Chlorobenzene

Concen: 50.049 ug/L

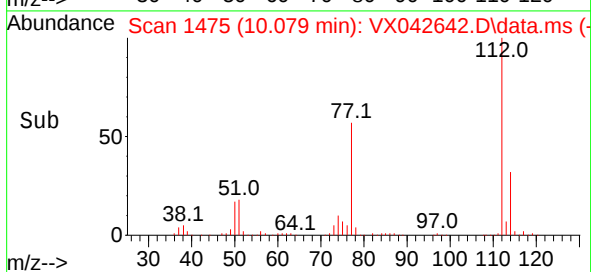
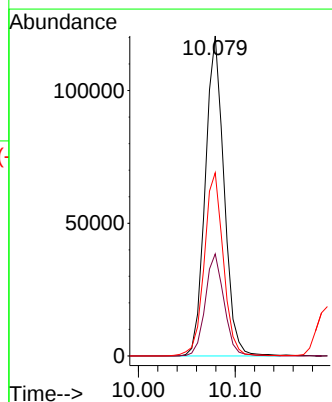
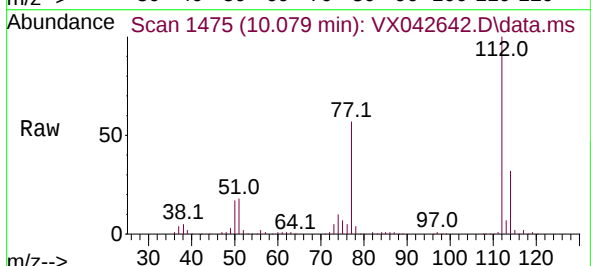
RT: 10.079 min Scan# 1475

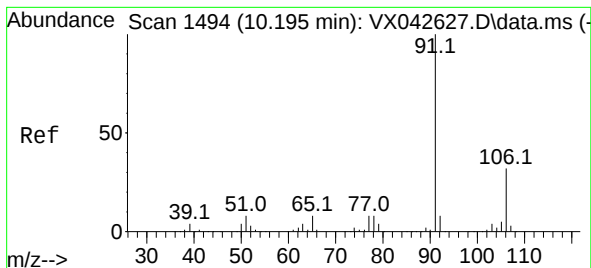
Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Tgt Ion:112	Resp:	163161
Ion Ratio	Lower	Upper
112	100	
114	31.9	23.2 43.2
77	57.3	46.3 69.5

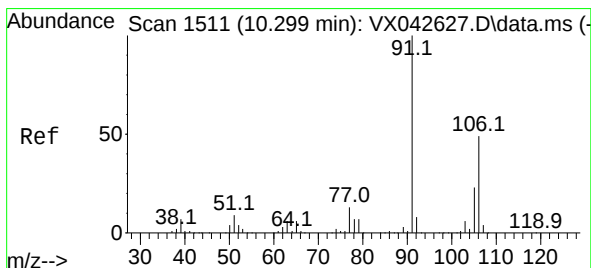
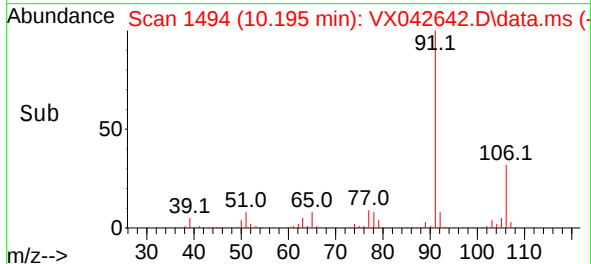
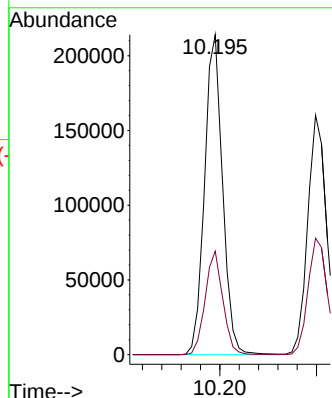
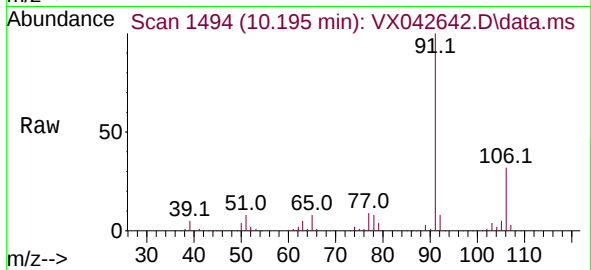




#52
Ethylbenzene
Concen: 50.216 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

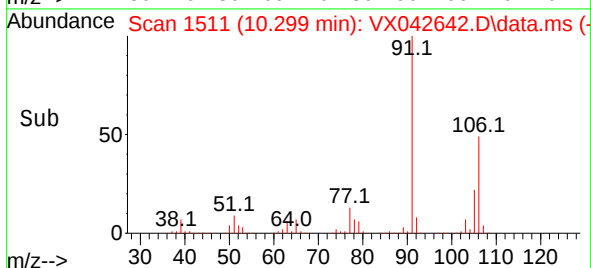
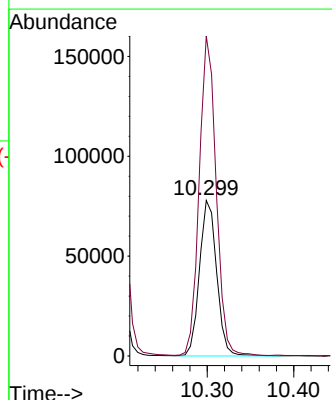
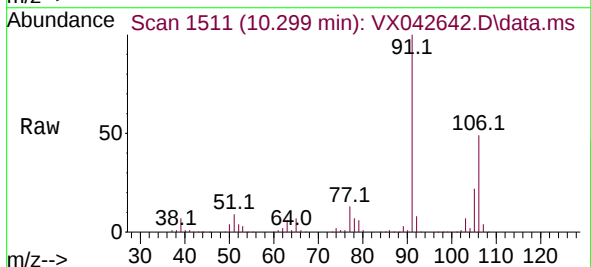
Instrument :
MSVOA_X
ClientSampleId :

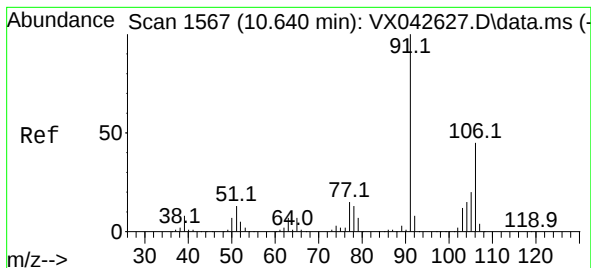
Tgt Ion: 91 Resp: 277663
Ion Ratio Lower Upper
91 100
106 32.3 21.8 40.4



#53
m,p-Xylene
Concen: 51.521 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042642.D
Acq: 27 Jul 2024 08:21

Tgt Ion: 106 Resp: 107319
Ion Ratio Lower Upper
106 100
91 205.7 146.8 272.6





#54

o-Xylene

Concen: 51.236 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

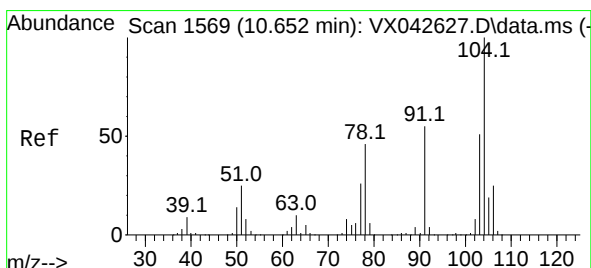
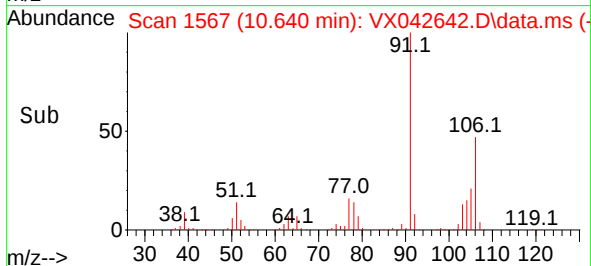
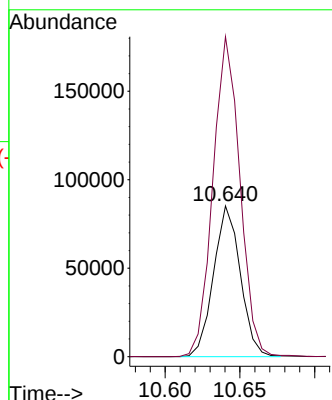
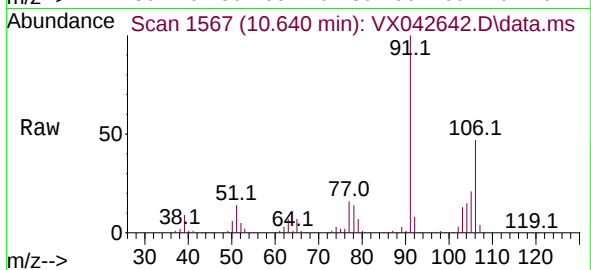
ClientSampleId :

Tgt Ion:106 Resp: 106168

Ion Ratio Lower Upper

106 100

91 212.3 154.6 287.2



#55

Styrene

Concen: 50.968 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042642.D

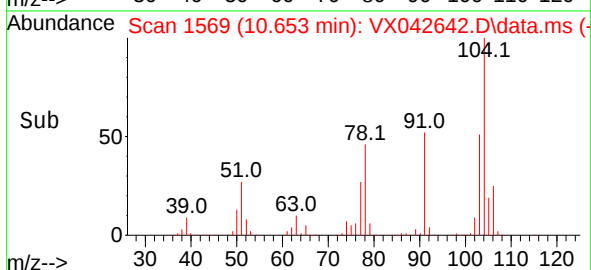
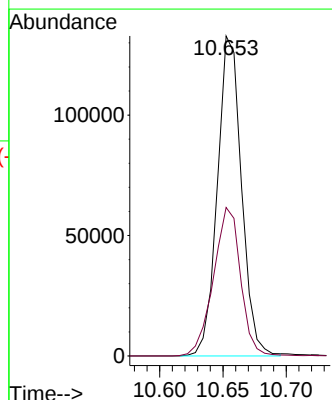
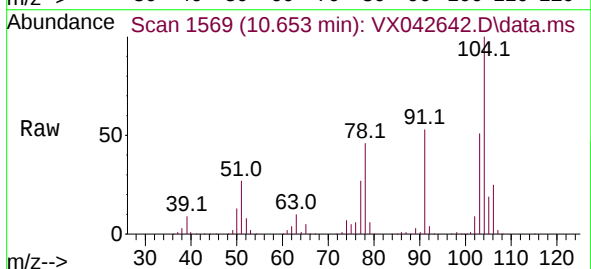
Acq: 27 Jul 2024 08:21

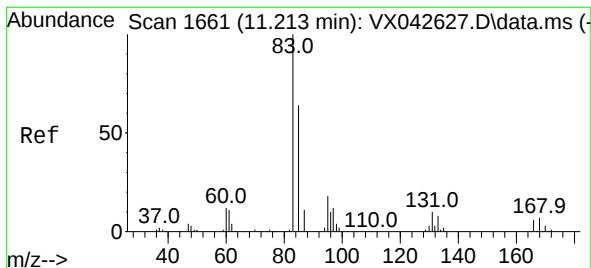
Tgt Ion:104 Resp: 176052

Ion Ratio Lower Upper

104 100

78 46.4 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 48.348 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

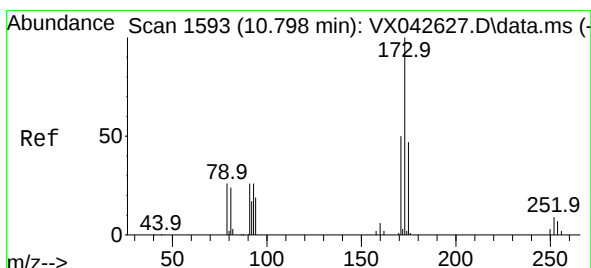
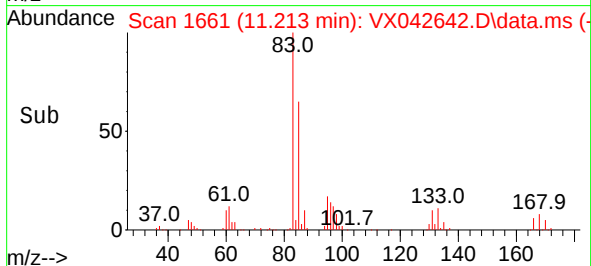
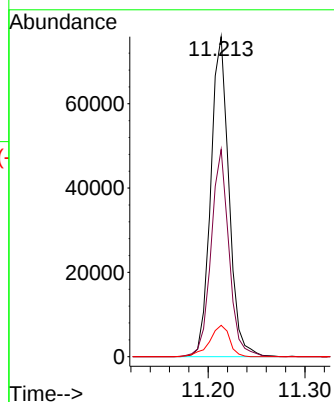
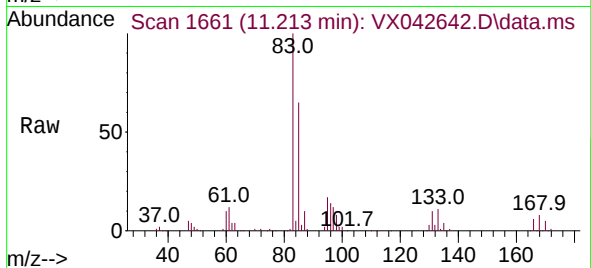
Tgt Ion: 83 Resp: 99334

Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.5

131 9.8 8.6 13.0



#59

Bromoform

Concen: 48.663 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

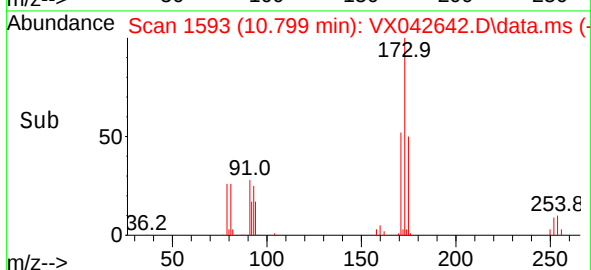
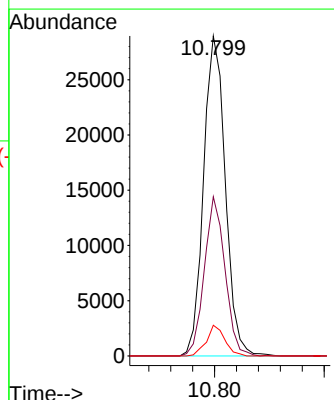
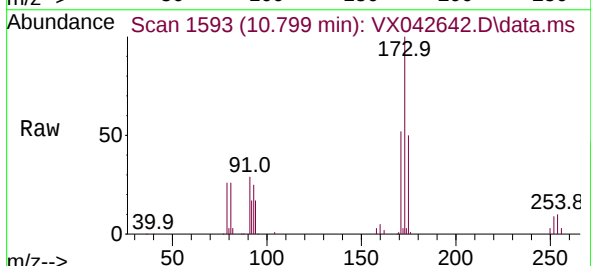
Tgt Ion:173 Resp: 39876

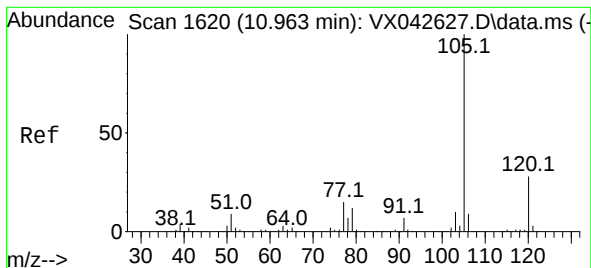
Ion Ratio Lower Upper

173 100

175 47.2 37.4 56.2

254 8.1 6.8 10.2





#60

Isopropylbenzene

Concen: 49.672 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

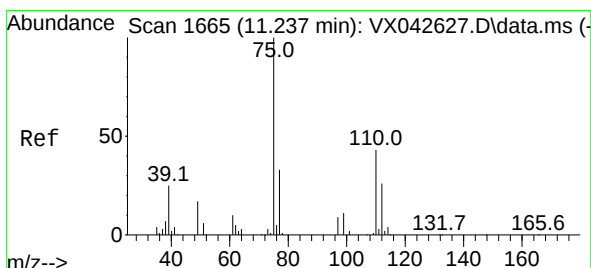
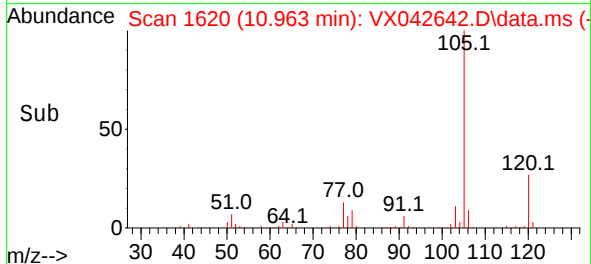
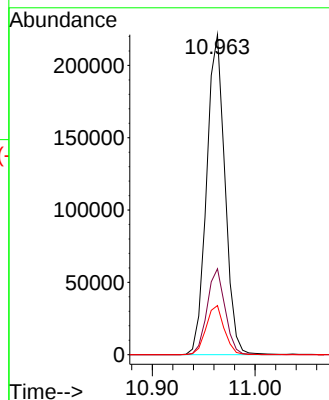
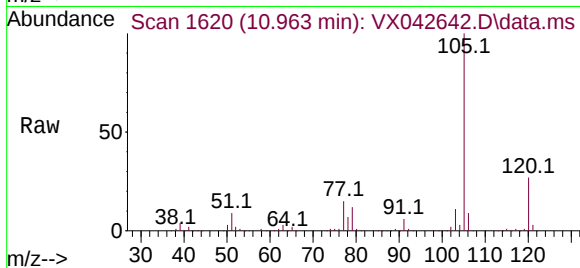
Tgt Ion:105 Resp: 274057

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 15.3 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 45.041 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

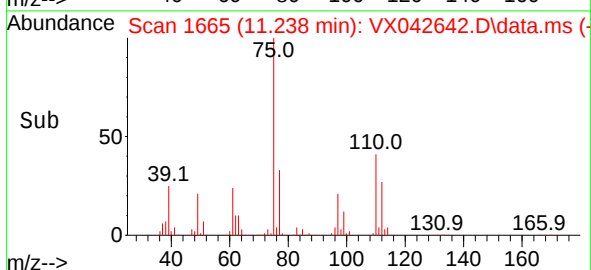
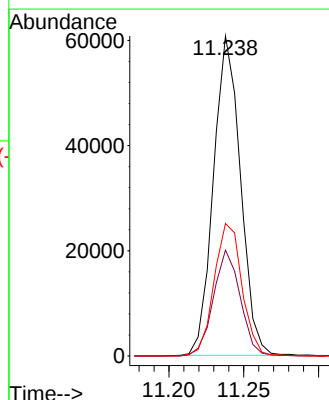
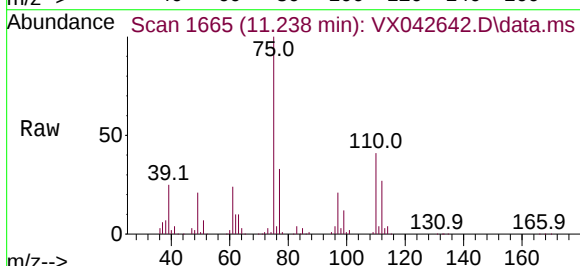
Tgt Ion: 75 Resp: 76088

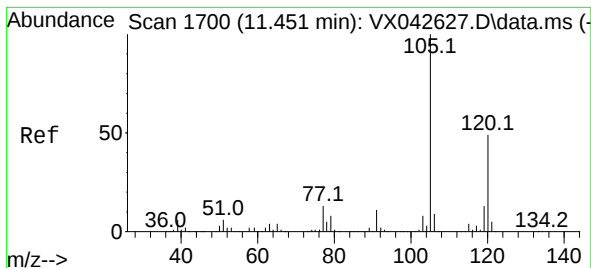
Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.4

110 43.0 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 49.457 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

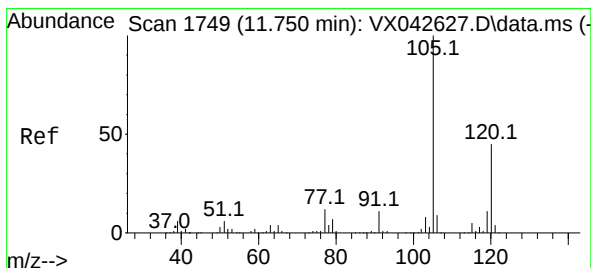
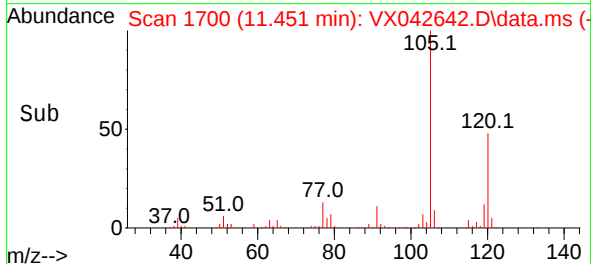
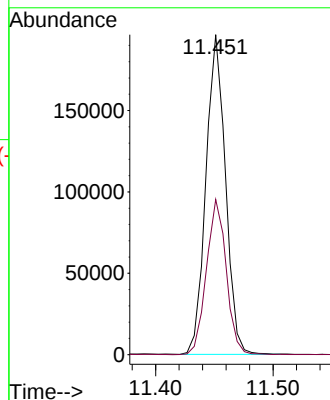
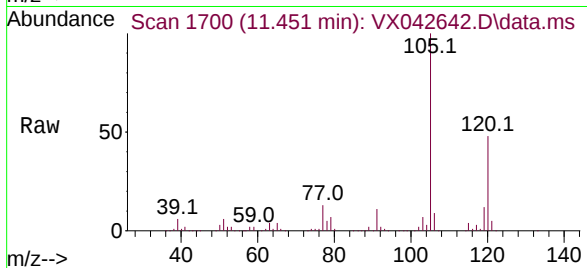
ClientSampleId :

Tgt Ion:105 Resp: 226943

Ion Ratio Lower Upper

105 100

120 49.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 49.930 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042642.D

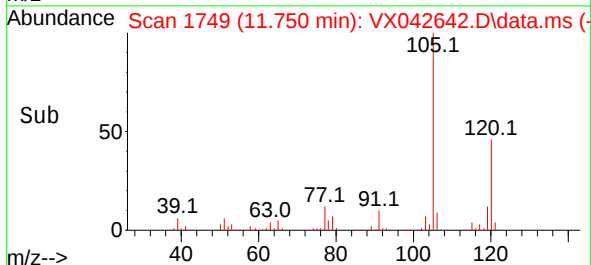
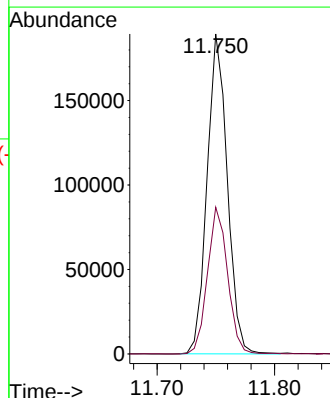
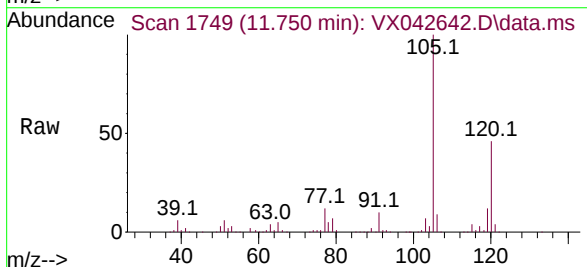
Acq: 27 Jul 2024 08:21

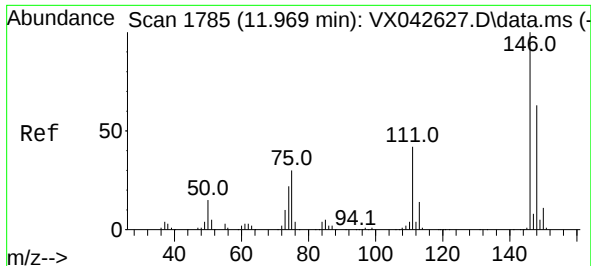
Tgt Ion:105 Resp: 226226

Ion Ratio Lower Upper

105 100

120 45.7 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 48.777 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

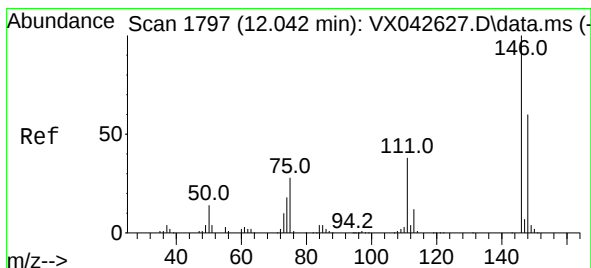
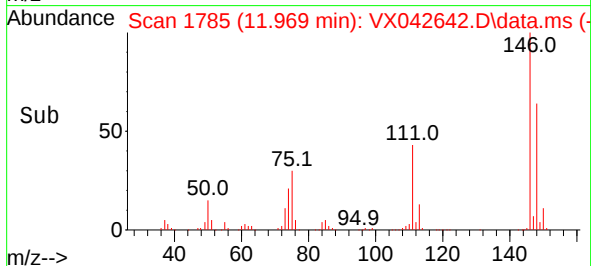
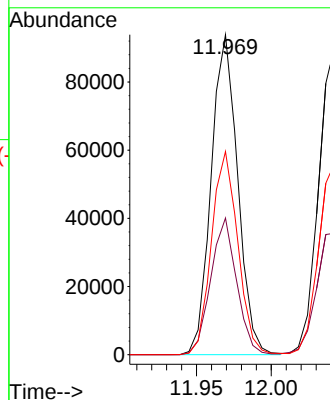
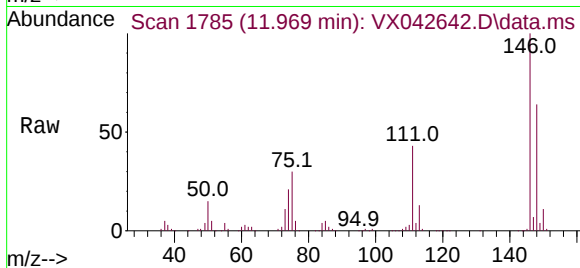
Tgt Ion:146 Resp: 115742

Ion Ratio Lower Upper

146 100

111 42.7 30.4 56.5

148 63.5 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 48.309 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

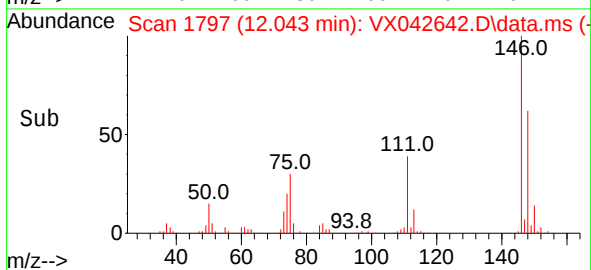
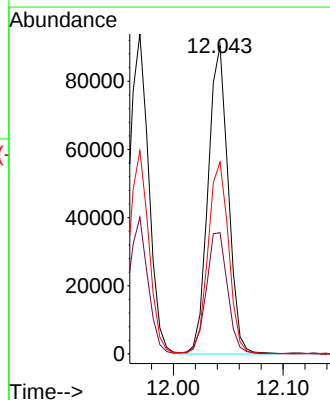
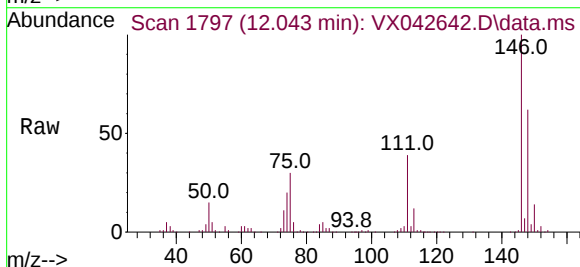
Tgt Ion:146 Resp: 115459

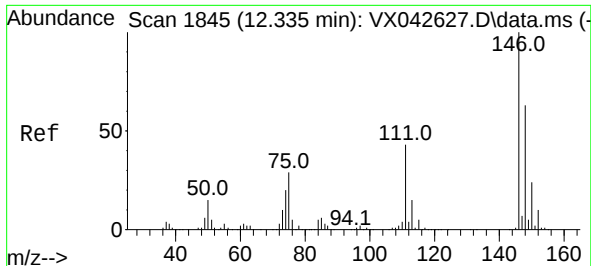
Ion Ratio Lower Upper

146 100

111 39.4 27.9 51.7

148 62.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 49.793 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

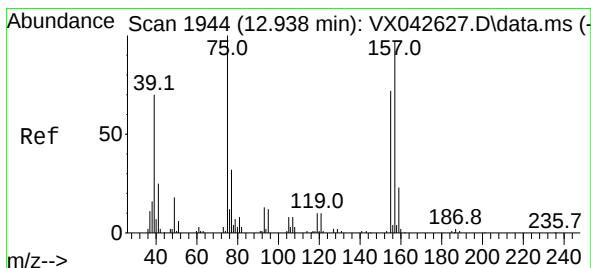
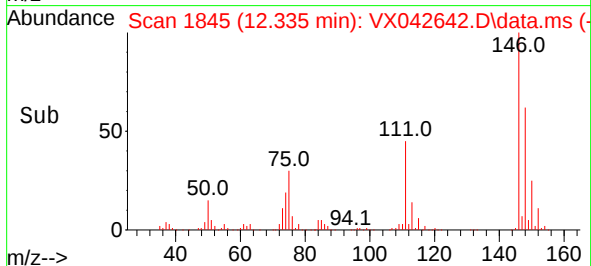
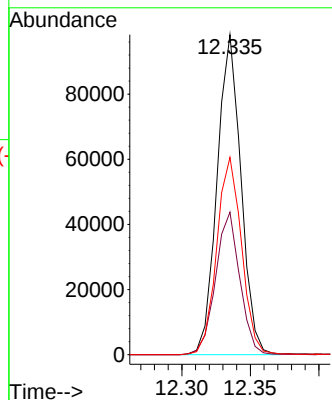
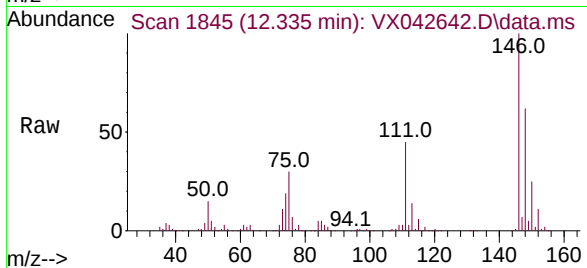
Tgt Ion:146 Resp: 118976

Ion Ratio Lower Upper

146 100

111 44.6 35.3 52.9

148 61.7 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 44.374 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

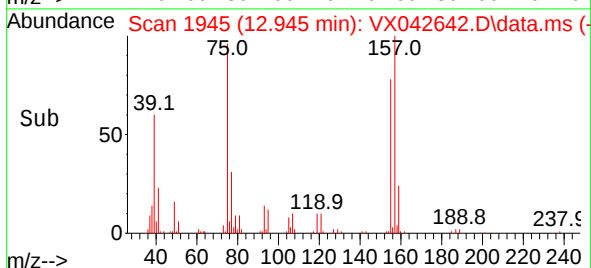
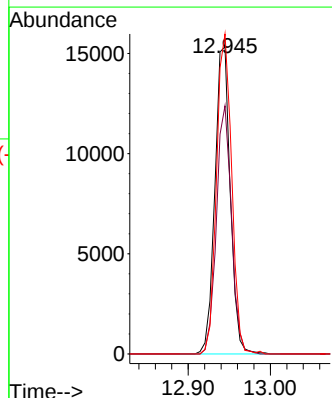
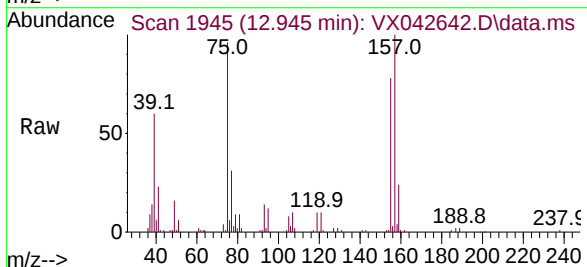
Tgt Ion: 75 Resp: 19970

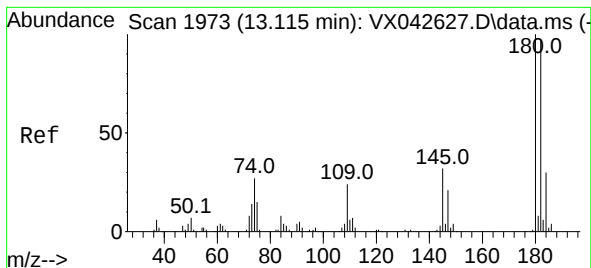
Ion Ratio Lower Upper

75 100

155 80.8 65.1 97.7

157 104.2 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 48.467 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 71333

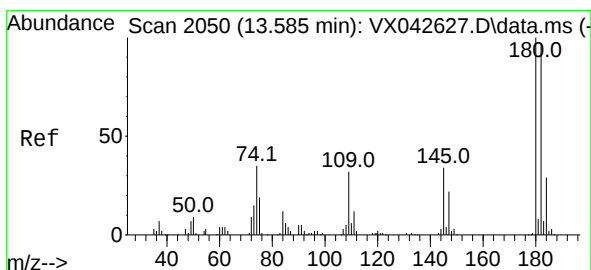
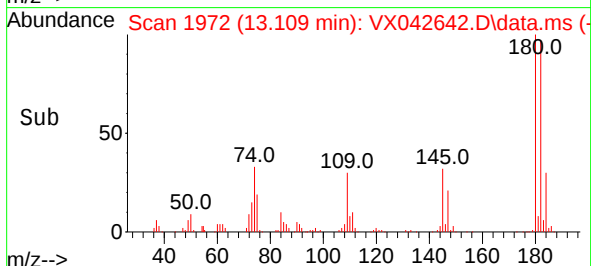
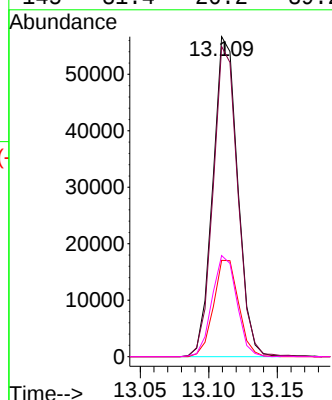
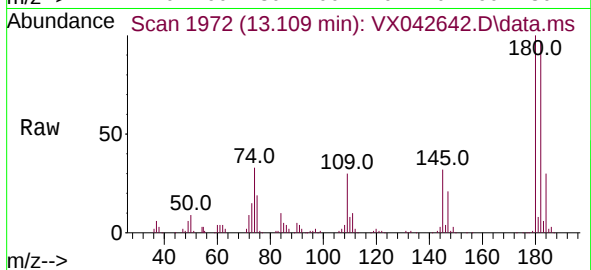
Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.0

184 30.5 23.4 35.0

145 31.4 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 49.394 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

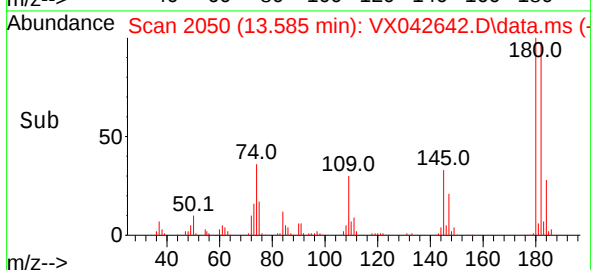
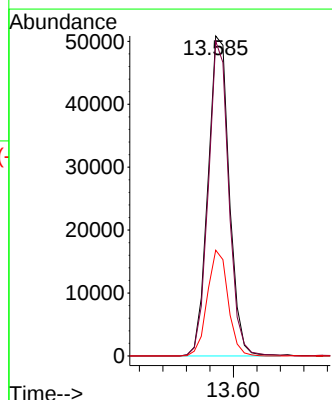
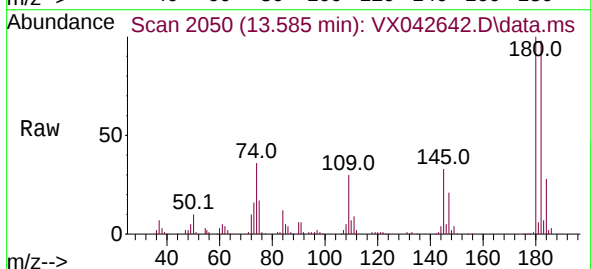
Tgt Ion:180 Resp: 63752

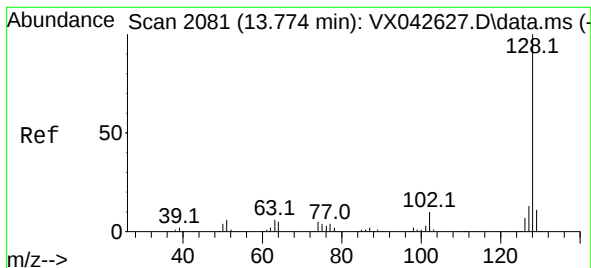
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

145 32.1 27.0 40.6





#71

Naphthalene

Concen: 48.990 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Instrument :

MSVOA_X

ClientSampleId :

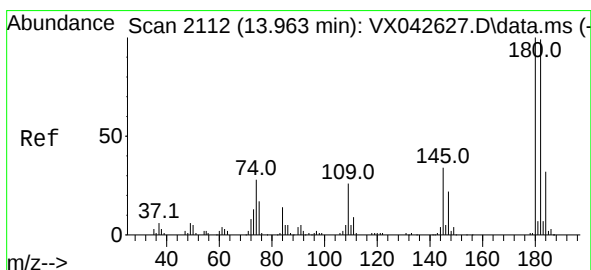
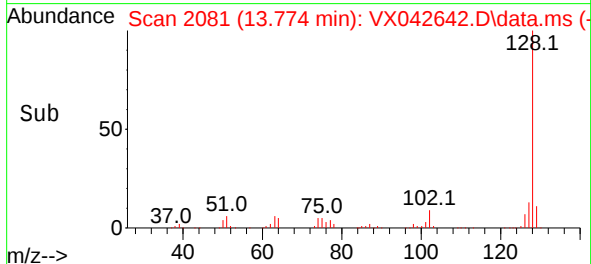
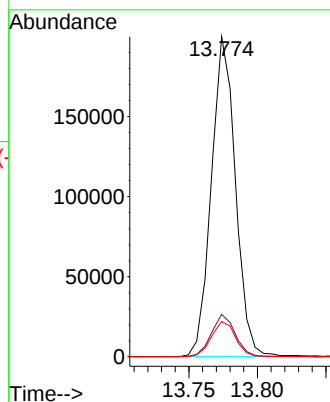
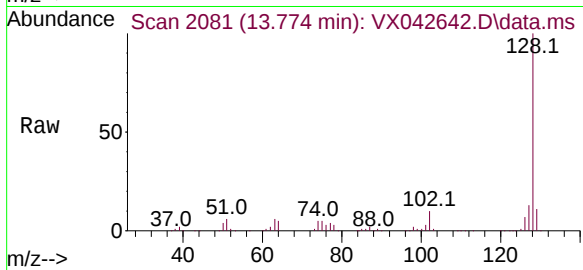
Tgt Ion:128 Resp: 243910

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.288 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX042642.D

Acq: 27 Jul 2024 08:21

Tgt Ion:180 Resp: 67233

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 34.6 27.6 41.4

