

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042601.D
 Acq On : 26 Jul 2024 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 01:08:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:01:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	177815	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	161883	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74142	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51134	47.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.660%
7) Chloroethane-d5	1.642	69	20327	45.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.320%
11) 1,1-Dichloroethene-d2	2.294	65	25851	48.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.140%
21) 2-Butanone-d5	4.458	46	92258	115.227	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.230%
24) Chloroform-d	5.056	84	126323	53.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.840%
26) 1,2-Dichloroethane-d4	5.952	65	81755	53.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.180%
32) Benzene-d6	5.964	84	233984	52.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.160%
36) 1,2-Dichloropropane-d6	7.305	67	71268	53.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.200%
41) Toluene-d8	8.647	98	211517	52.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.020%
43) trans-1,3-Dichloroprop...	8.951	79	35586	57.189	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.380%
47) 2-Hexanone-d5	9.384	63	68271	114.837	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.840%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103629	54.128	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	73460	52.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75541	48.085	ug/L	100
3) Chloromethane	1.300	50	59385	45.712	ug/L	97
5) Vinyl chloride	1.374	62	56921	46.093	ug/L	95
6) Bromomethane	1.593	94	17774	46.001	ug/L	99
8) Chloroethane	1.666	64	19209	42.485	ug/L	97
9) Trichlorofluoromethane	1.867	101	69664	39.854	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	60656	48.290	ug/L	100
12) 1,1-Dichloroethene	2.306	96	52953	46.065	ug/L	82
13) Acetone	2.392	43	63300	101.140	ug/L	100
14) Carbon disulfide	2.501	76	139002	49.524	ug/L	99
15) Methyl Acetate	2.703	43	70805	51.037	ug/L	98
16) Methylene chloride	2.782	84	63429	47.779	ug/L	99
17) trans-1,2-Dichloroethene	3.081	96	56130	47.580	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	204044	49.901	ug/L	99
19) 1,1-Dichloroethane	3.605	63	109454	48.595	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	67755	50.284	ug/L	99
22) 2-Butanone	4.562	43	97938	102.747	ug/L	97
23) Bromochloromethane	4.897	128	29067	45.555	ug/L	93
25) Chloroform	5.086	83	118382	49.293	ug/L	95

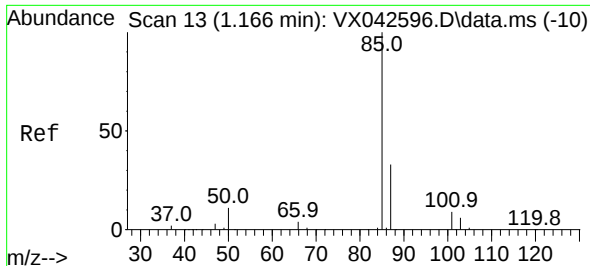
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	95379	50.005	ug/L #	95
29) Cyclohexane	5.458	56	93844	49.036	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	100302	48.507	ug/L	98
31) Carbon tetrachloride	5.672	117	84953	48.640	ug/L	100
33) Benzene	6.031	78	241735	48.795	ug/L	100
34) Trichloroethene	7.123	95	63173	47.729	ug/L	99
35) Methylcyclohexane	7.372	83	100439	50.138	ug/L	99
37) 1,2-Dichloropropane	7.427	63	63833	49.578	ug/L	99
38) Bromodichloromethane	7.824	83	81757	49.129	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	101113	51.162	ug/L	96
40) 4-Methyl-2-pentanone	8.573	43	182742	103.160	ug/L	98
42) Toluene	8.714	91	254802	49.936	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	92843	51.824	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	65829	50.621	ug/L	99
46) Tetrachloroethene	9.268	164	44974	49.824	ug/L	94
48) 2-Hexanone	9.433	43	142439	103.389	ug/L	98
49) Dibromochloromethane	9.518	129	61719	50.826	ug/L	89
50) 1,2-Dibromoethane	9.610	107	66888	49.455	ug/L #	100
51) Chlorobenzene	10.079	112	160878	48.756	ug/L	99
52) Ethylbenzene	10.195	91	278295	49.726	ug/L	100
53) m,p-Xylene	10.299	106	108248	51.343	ug/L	99
54) o-Xylene	10.640	106	106745	50.896	ug/L	97
55) Styrene	10.652	104	181481	51.909	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	105055	50.518	ug/L	98
59) Bromoform	10.799	173	40435	48.597	ug/L	96
60) Isopropylbenzene	10.963	105	278088	49.639	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	81585	47.564	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	230685	49.511	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	228695	49.710	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	115251	47.834	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	116786	48.124	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	115650	47.668	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22520	49.282	ug/L	86
69) 1,3,5-Trichlorobenzene	13.115	180	73911	49.458	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	63699	48.606	ug/L	99
71) Naphthalene	13.774	128	256866	50.811	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	67729	49.892	ug/L	99

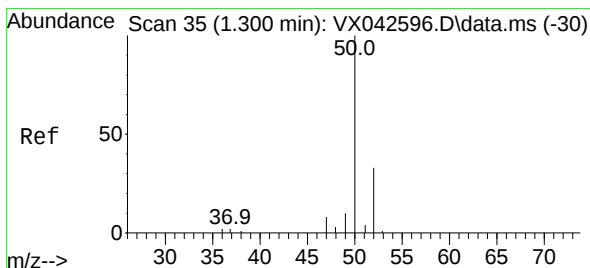
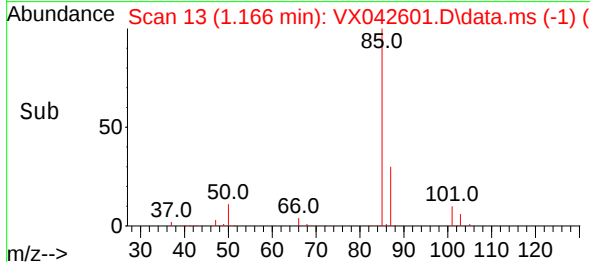
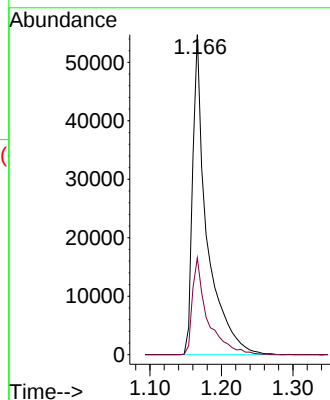
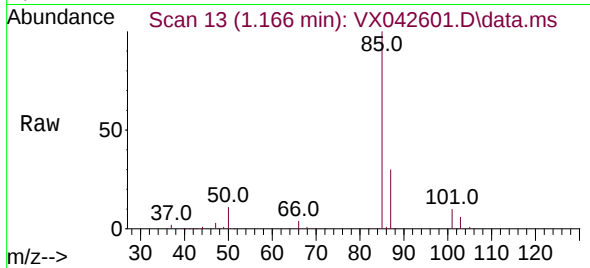
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#2
 Dichlorodifluoromethane
 Concen: 48.085 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX042601.D
 Acq: 26 Jul 2024 15:49

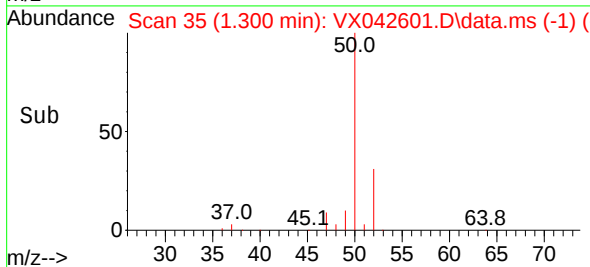
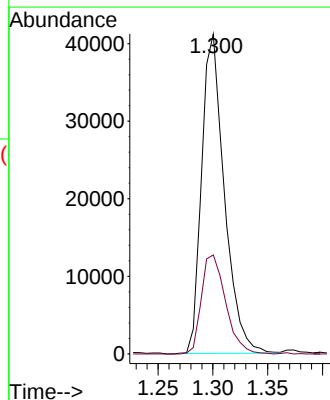
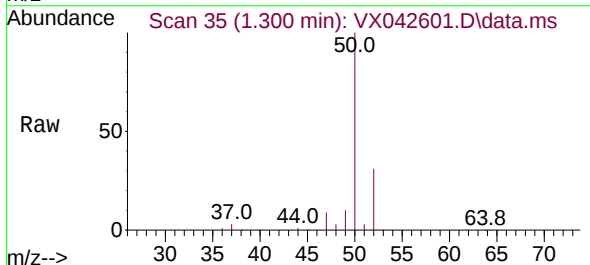
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 MSVOA_X
 ClientSampleId :

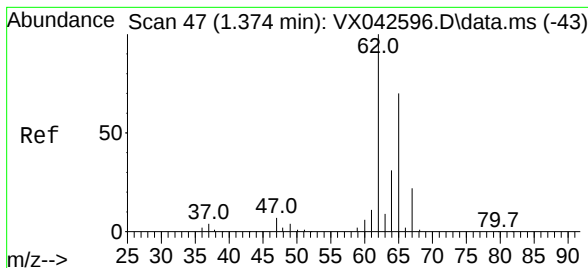
Tgt Ion: 85 Resp: 75541
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 45.712 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX042601.D
 Acq: 26 Jul 2024 15:49

Tgt Ion: 50 Resp: 59385
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.0 42.6





#5

Vinyl chloride

Concen: 46.093 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

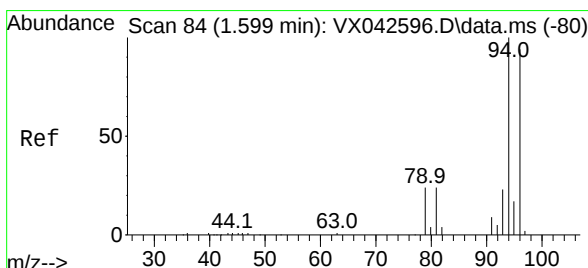
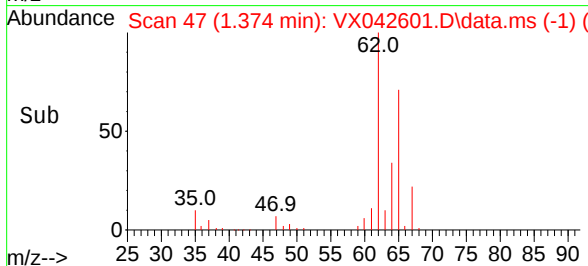
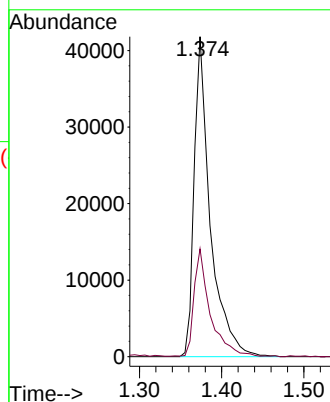
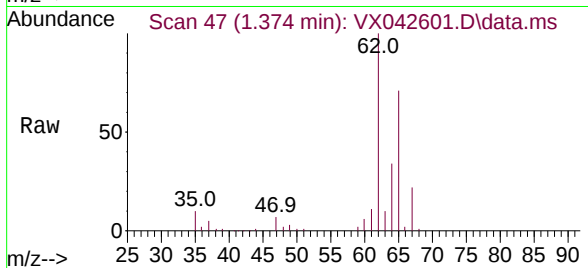
ClientSampleId :

Tgt Ion: 62 Resp: 56921

Ion Ratio Lower Upper

62 100

64 33.7 21.6 40.0



#6

Bromomethane

Concen: 46.001 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX042601.D

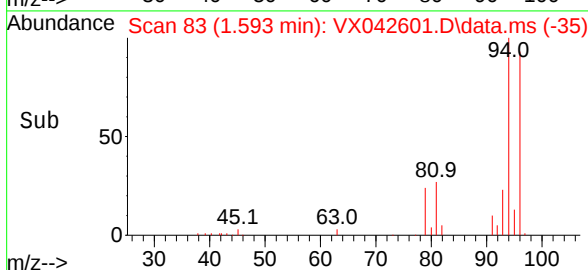
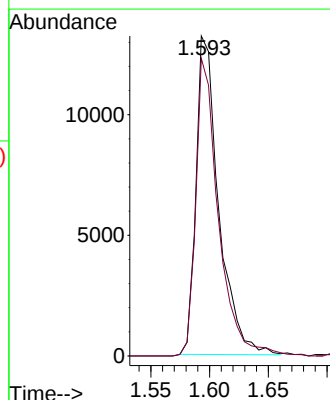
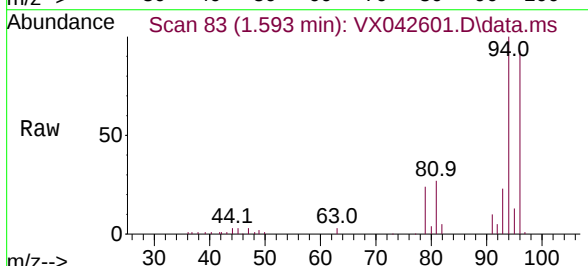
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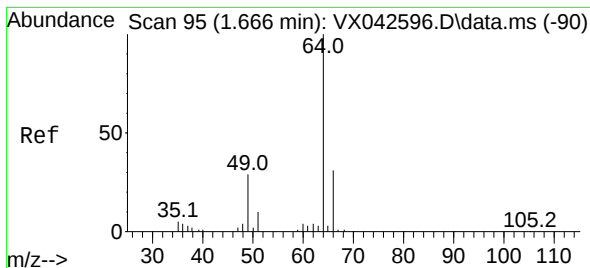
Tgt Ion: 94 Resp: 17774

Ion Ratio Lower Upper

94 100

96 93.0 66.1 122.7





#8

Chloroethane

Concen: 42.485 ug/L

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

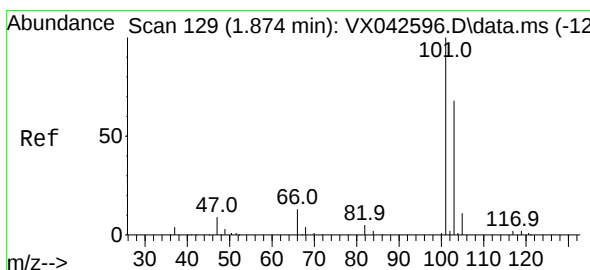
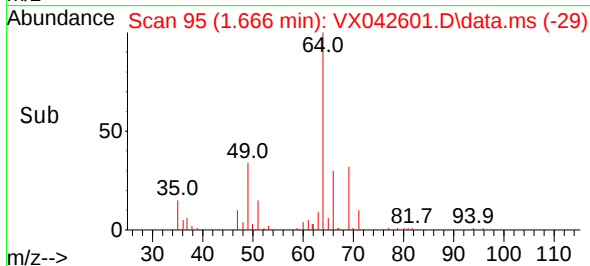
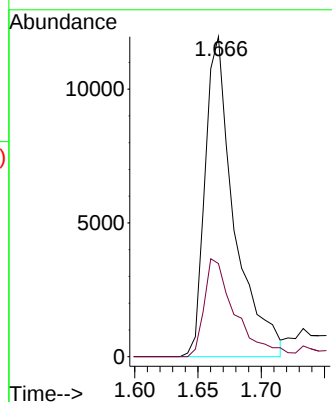
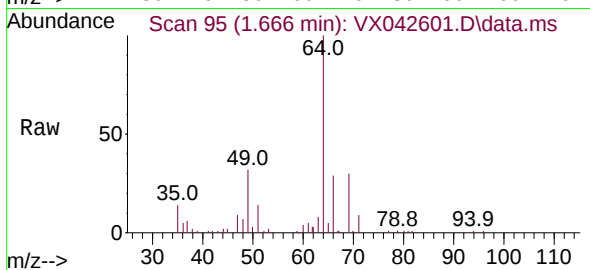
ClientSampleId :

Tgt Ion: 64 Resp: 19209

Ion Ratio Lower Upper

64 100

66 29.1 21.4 39.8



#9

Trichlorofluoromethane

Concen: 39.854 ug/L

RT: 1.867 min Scan# 128

Delta R.T. -0.006 min

Lab File: VX042601.D

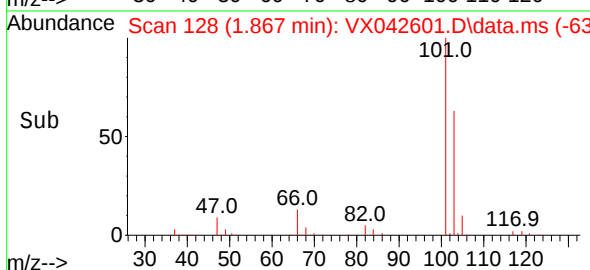
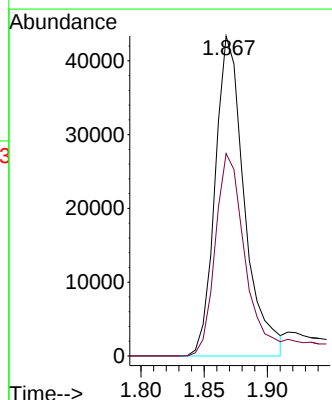
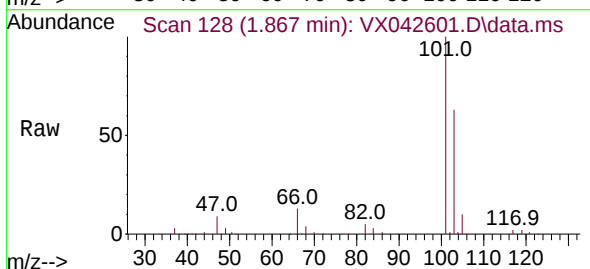
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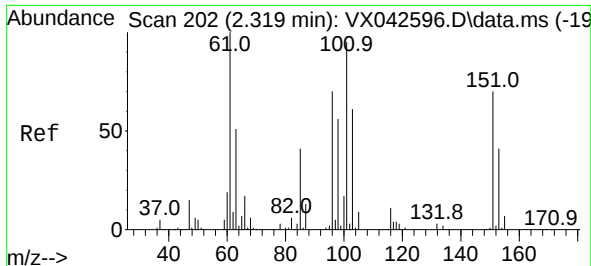
Tgt Ion:101 Resp: 69664

Ion Ratio Lower Upper

101 100

103 64.4 45.2 67.8

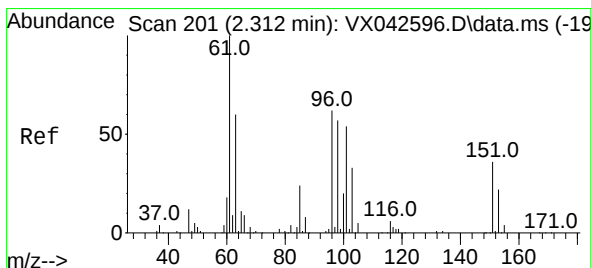
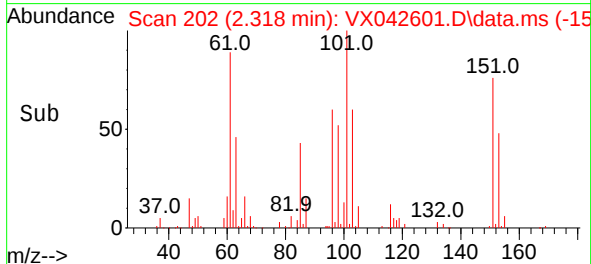
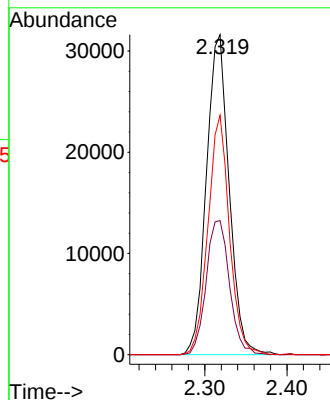
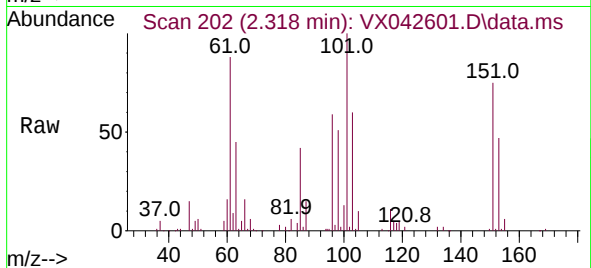




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.290 ug/L
 RT: 2.318 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX042601.D
 Acq: 26 Jul 2024 15:49

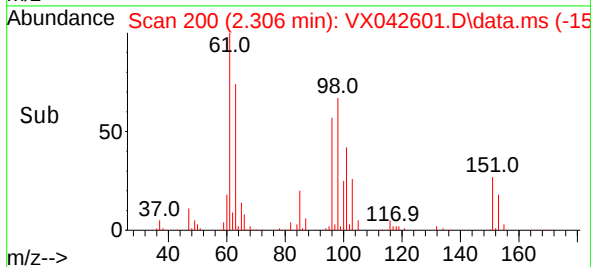
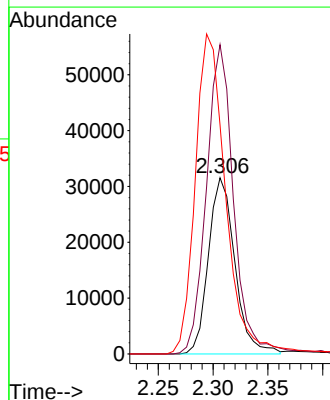
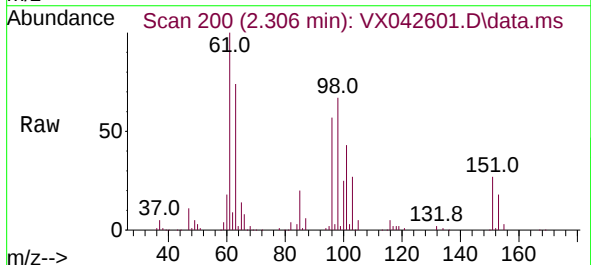
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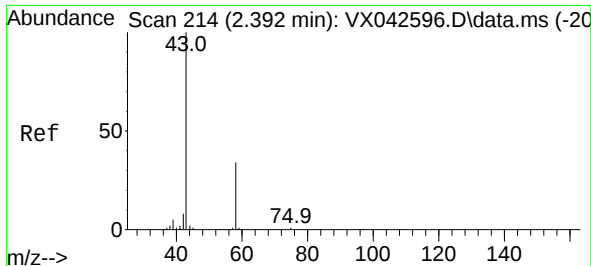
Tgt Ion:101 Resp: 60656
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.4 51.6
 151 70.7 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 46.065 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX042601.D
 Acq: 26 Jul 2024 15:49

Tgt Ion: 96 Resp: 52953
 Ion Ratio Lower Upper
 96 100
 61 175.7 113.0 209.9
 63 130.0 70.5 130.9





#13

Acetone

Concen: 101.140 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

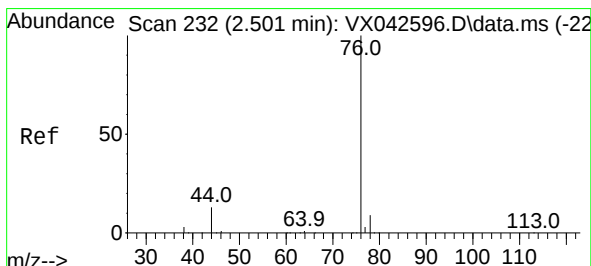
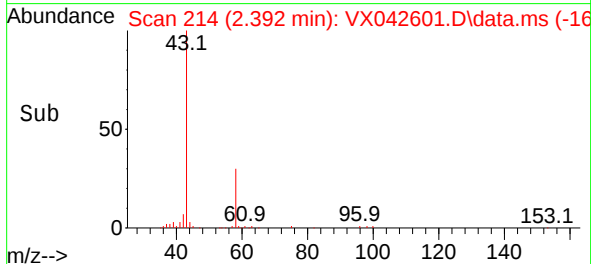
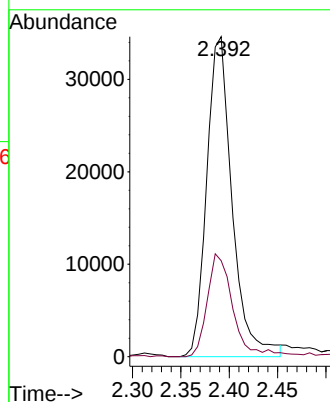
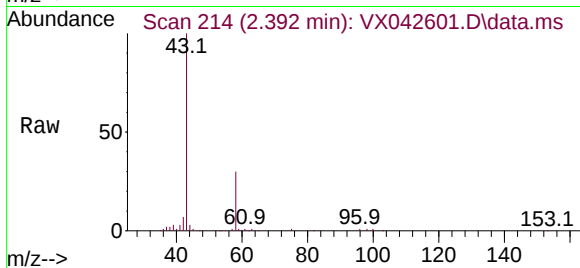
ClientSampleId :

Tgt Ion: 43 Resp: 63300

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.4



#14

Carbon disulfide

Concen: 49.524 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX042601.D

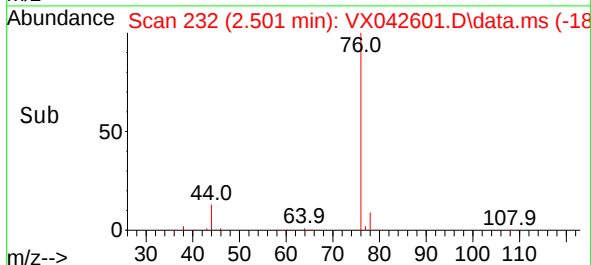
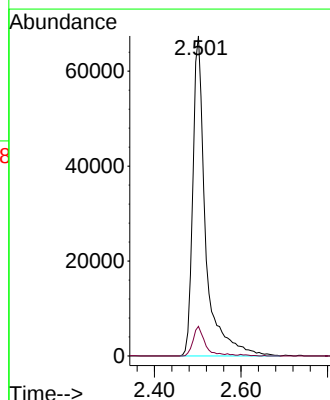
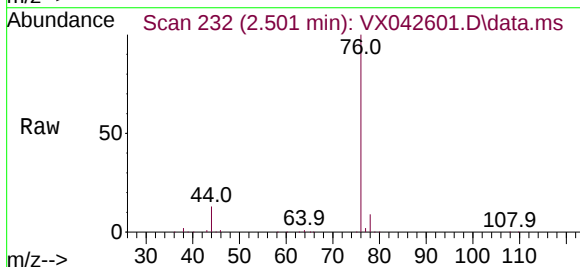
Acq: 26 Jul 2024 15:49

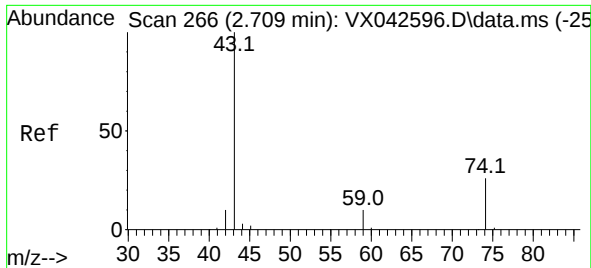
Tgt Ion: 76 Resp: 139002

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

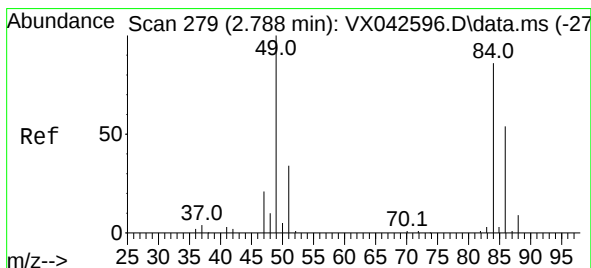
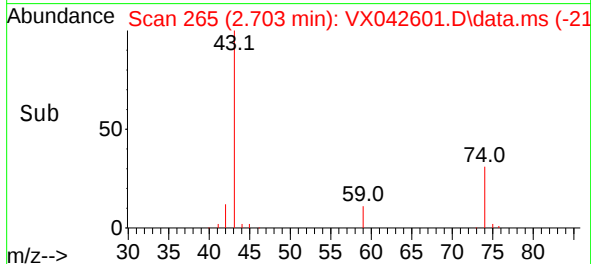
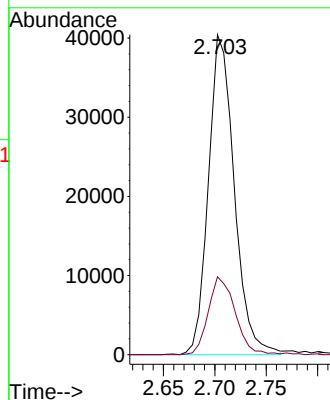
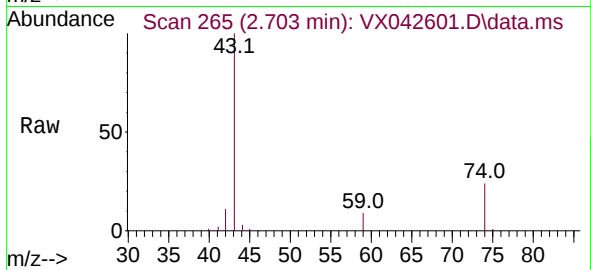




#15
Methyl Acetate
Concen: 51.037 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

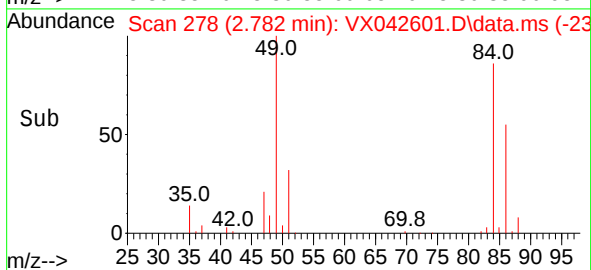
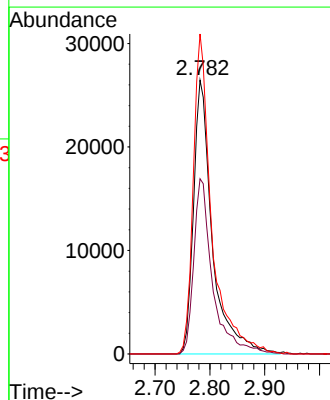
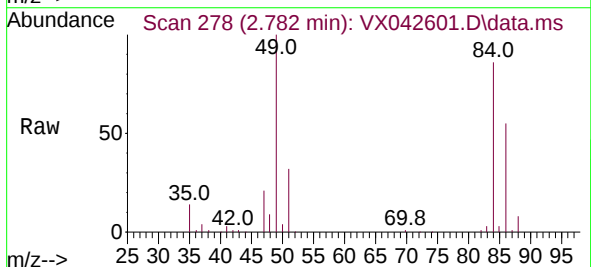
Instrument :
MSVOA_X
ClientSampleId :

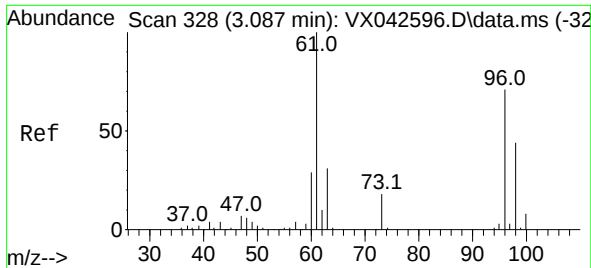
Tgt Ion: 43 Resp: 70805
Ion Ratio Lower Upper
43 100
74 25.2 21.0 31.4



#16
Methylene chloride
Concen: 47.779 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion: 84 Resp: 63429
Ion Ratio Lower Upper
84 100
86 64.0 43.5 80.7
49 116.9 81.1 150.7

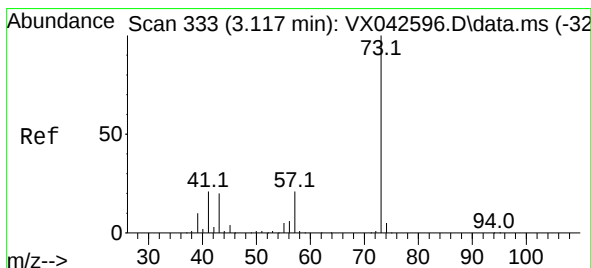
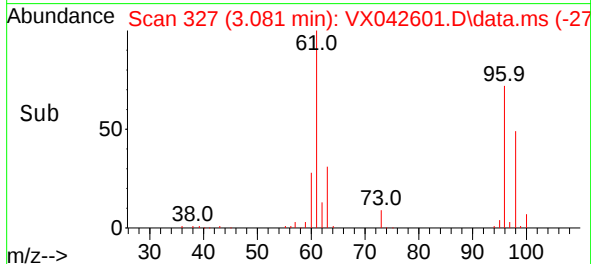
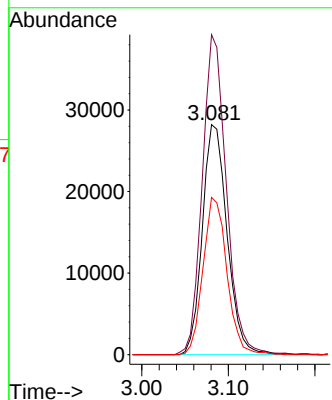
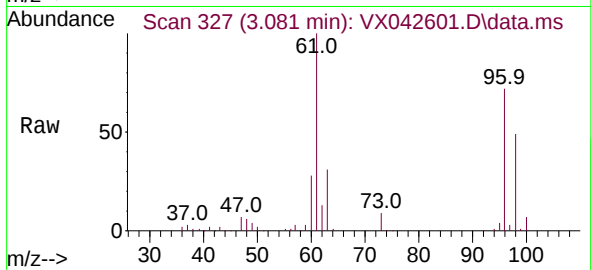




#17
trans-1,2-Dichloroethene
Concen: 47.580 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

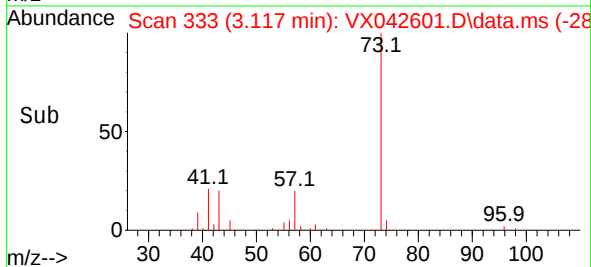
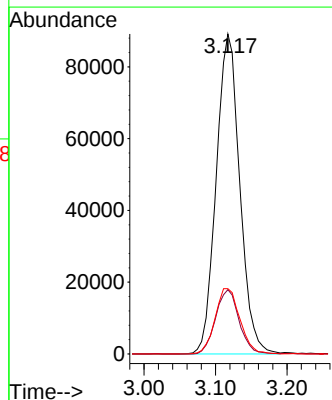
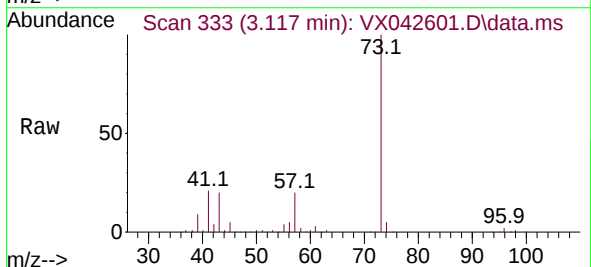
Instrument :
MSVOA_X
ClientSampleId :

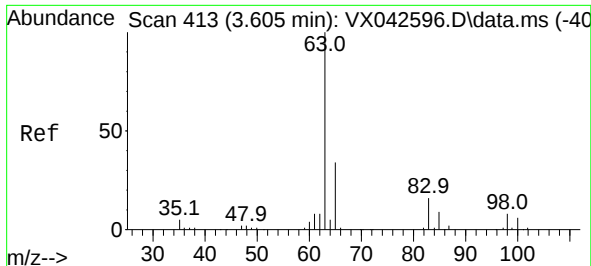
Tgt Ion: 96 Resp: 56130
Ion Ratio Lower Upper
96 100
61 139.1 99.3 184.3
98 68.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.901 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion: 73 Resp: 204044
Ion Ratio Lower Upper
73 100
43 20.0 15.4 23.2
57 21.5 16.9 25.3





#19

1,1-Dichloroethane

Concen: 48.595 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

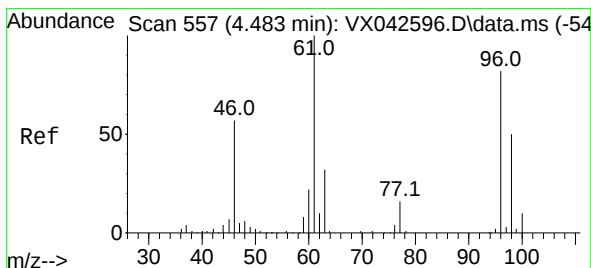
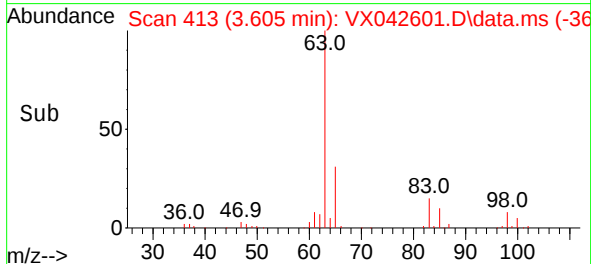
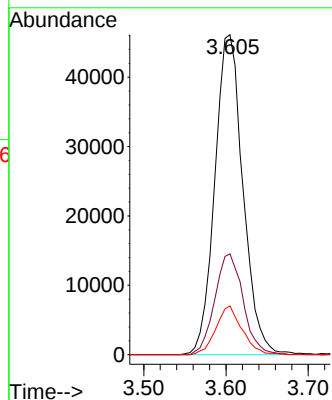
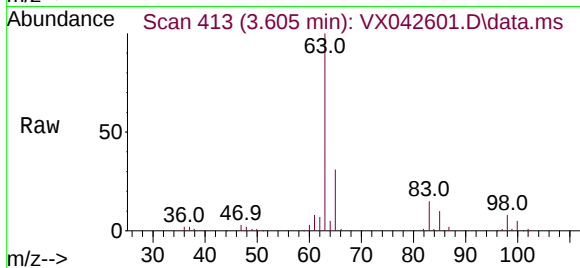
Tgt Ion: 63 Resp: 109454

Ion Ratio Lower Upper

63 100

65 31.5 23.6 43.8

83 15.2 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 50.284 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

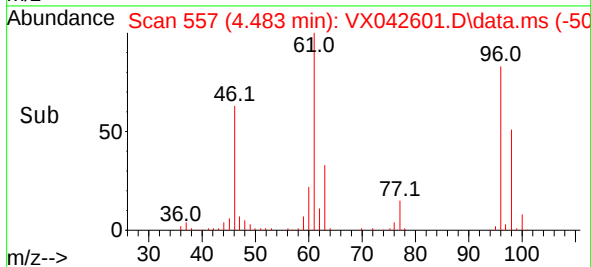
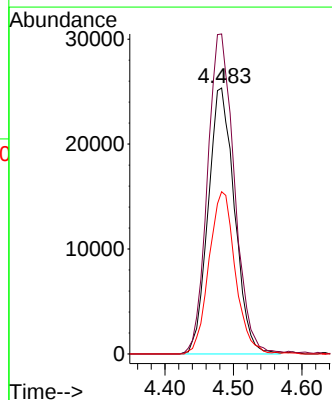
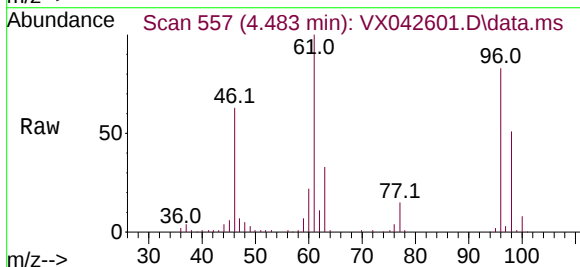
Tgt Ion: 96 Resp: 67755

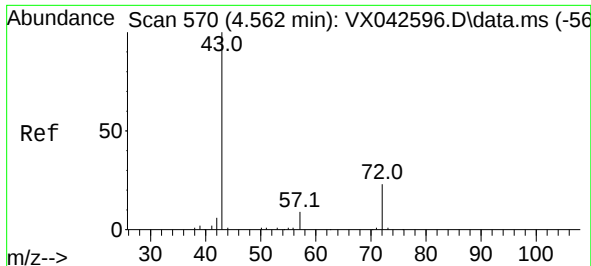
Ion Ratio Lower Upper

96 100

61 120.3 85.3 158.3

98 61.0 42.7 79.3

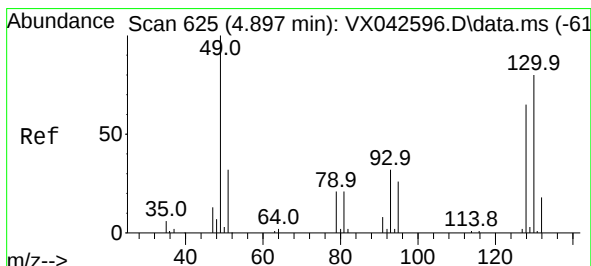
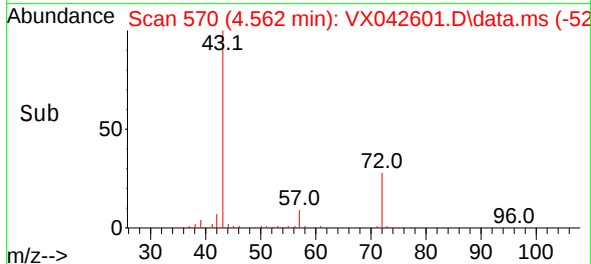
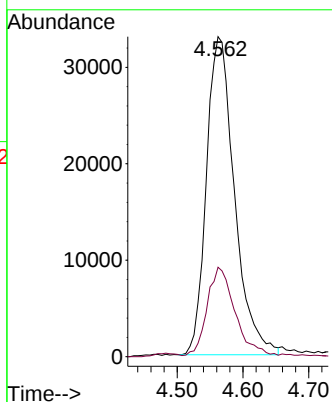
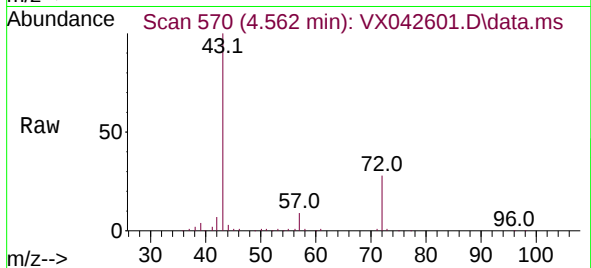




#22
2-Butanone
Concen: 102.747 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

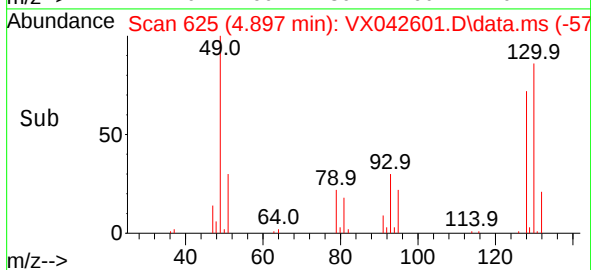
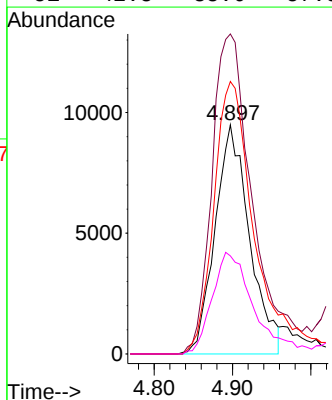
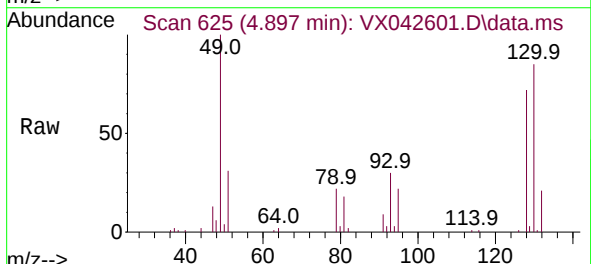
Instrument :
MSVOA_X
ClientSampleId :

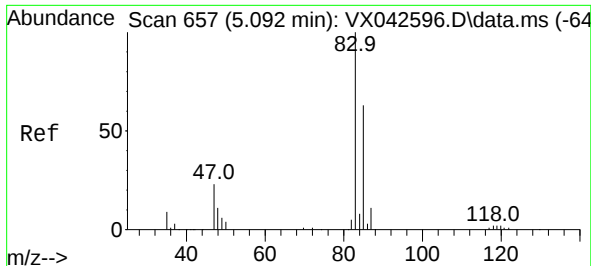
Tgt Ion: 43 Resp: 97938
Ion Ratio Lower Upper
43 100
72 28.3 13.4 40.2



#23
Bromochloromethane
Concen: 45.555 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion: 128 Resp: 29067
Ion Ratio Lower Upper
128 100
49 139.7 107.0 198.6
130 118.9 85.5 158.9
51 42.8 38.6 57.8





#25

Chloroform

Concen: 49.293 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

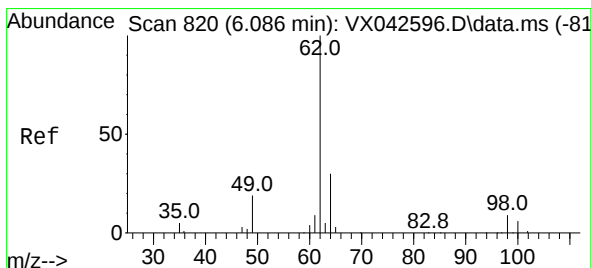
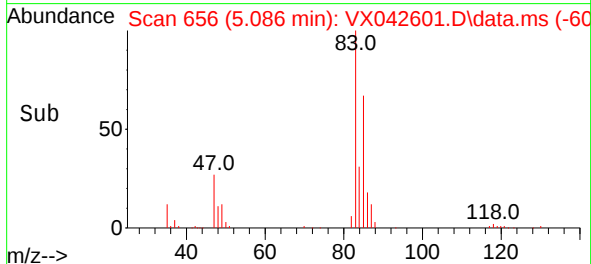
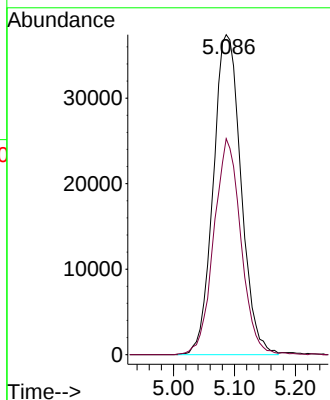
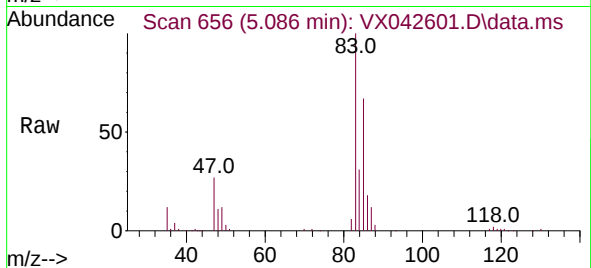
ClientSampleId :

Tgt Ion: 83 Resp: 118382

Ion Ratio Lower Upper

83 100

85 67.5 44.3 82.3



#27

1,2-Dichloroethane

Concen: 50.005 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX042601.D

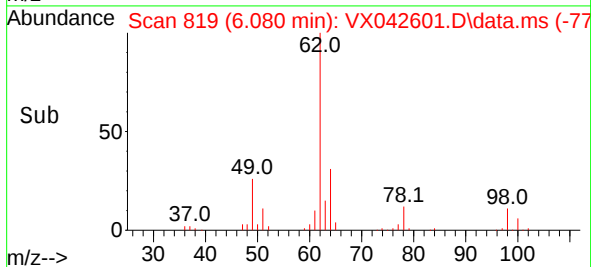
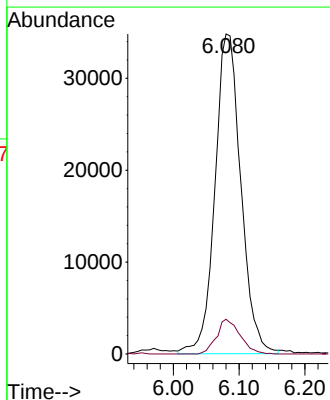
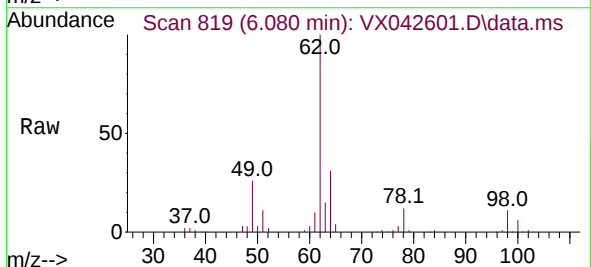
Acq: 26 Jul 2024 15:49

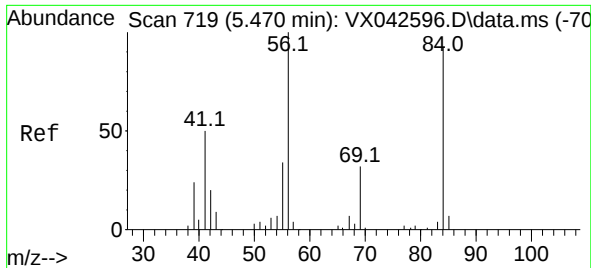
Tgt Ion: 62 Resp: 95379

Ion Ratio Lower Upper

62 100

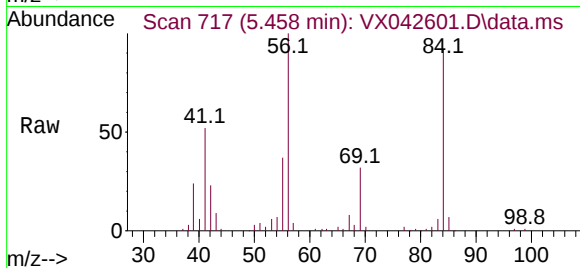
98 10.9 7.1 10.7#



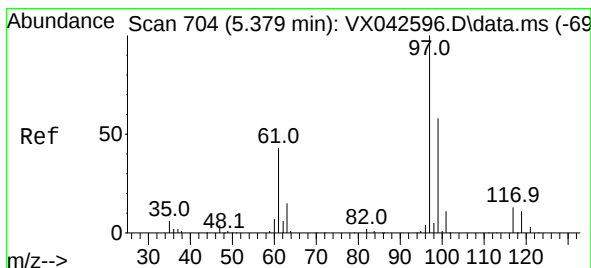
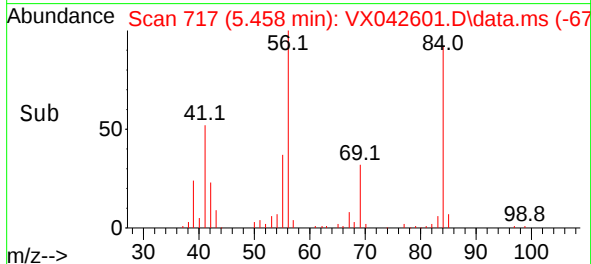
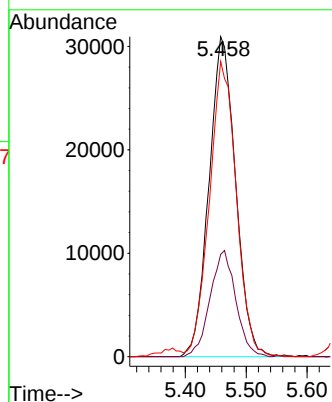


#29
Cyclohexane
Concen: 49.036 ug/L
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :

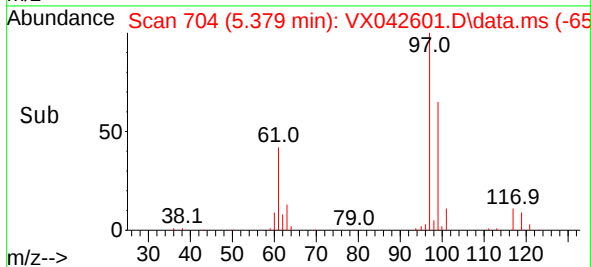
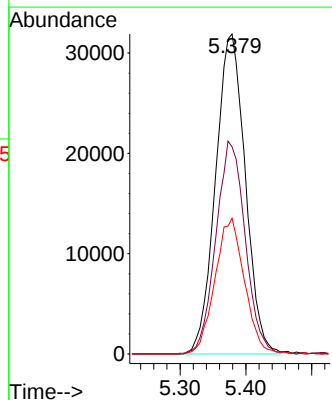
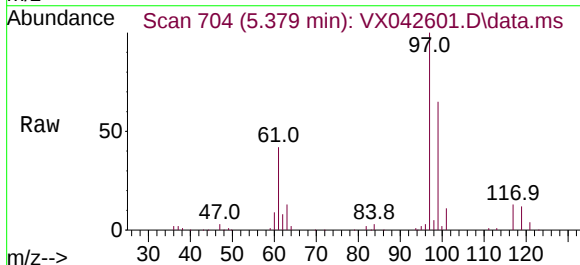


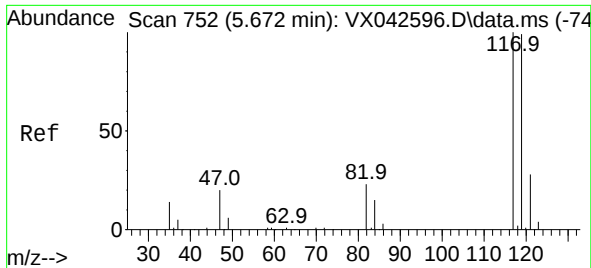
Tgt Ion: 56 Resp: 93844
Ion Ratio Lower Upper
56 100
69 32.0 26.1 39.1
84 92.0 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 48.507 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion: 97 Resp: 100302
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.0
61 42.0 34.4 51.6

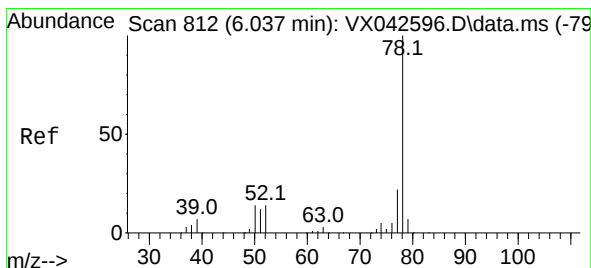
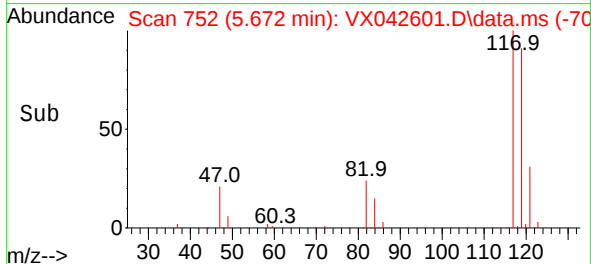
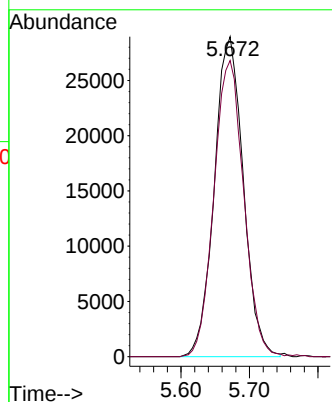
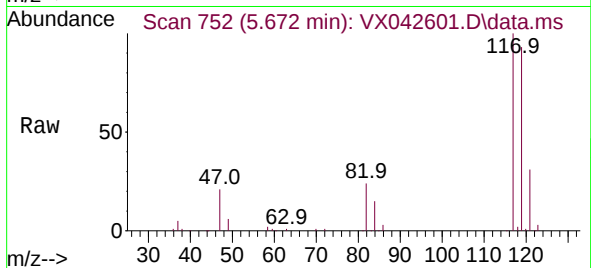




#31
Carbon tetrachloride
Concen: 48.640 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

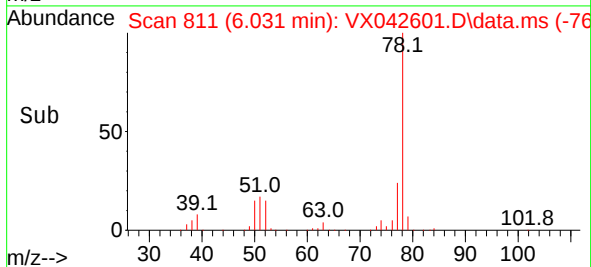
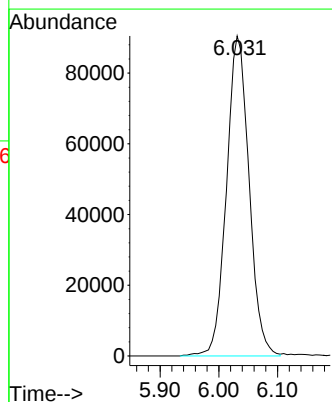
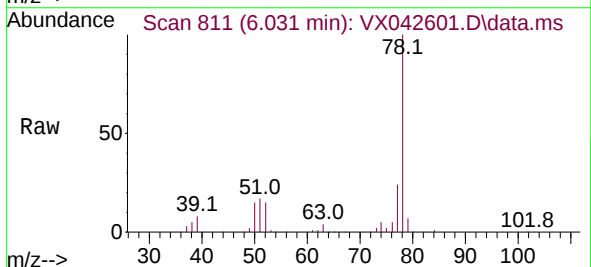
Instrument :
MSVOA_X
ClientSampleId :

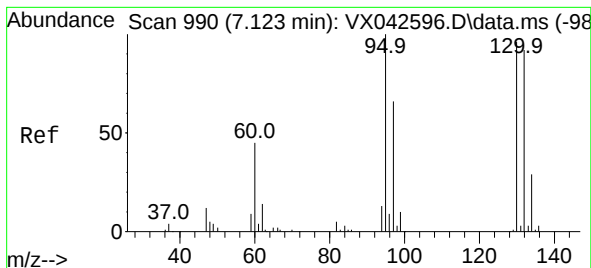
Tgt Ion:117 Resp: 84953
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2



#33
Benzene
Concen: 48.795 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion: 78 Resp: 241735





#34

Trichloroethene

Concen: 47.729 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 63173

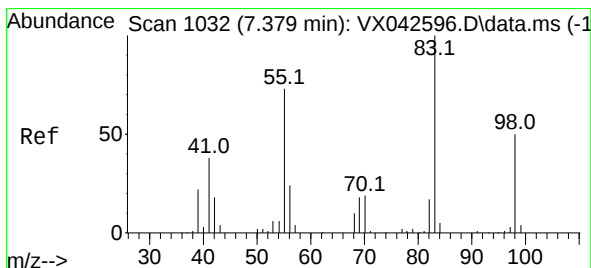
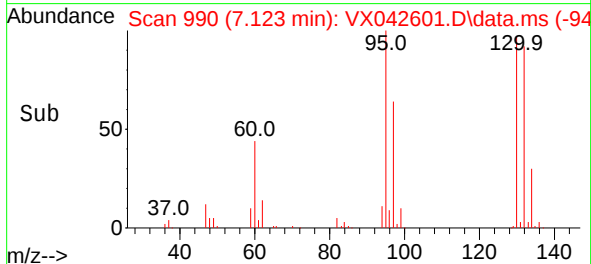
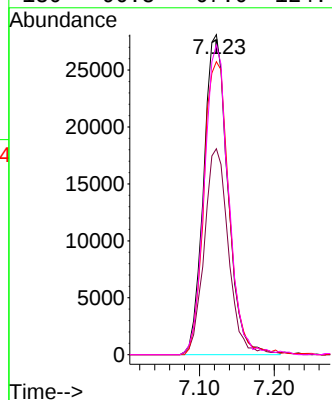
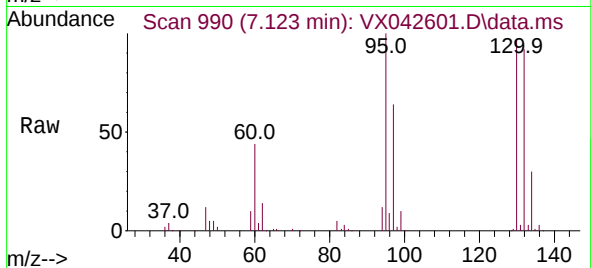
Ion Ratio Lower Upper

95 100

97 64.4 46.3 86.1

132 91.5 64.3 119.5

130 96.8 67.0 124.4



#35

Methylcyclohexane

Concen: 50.138 ug/L

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

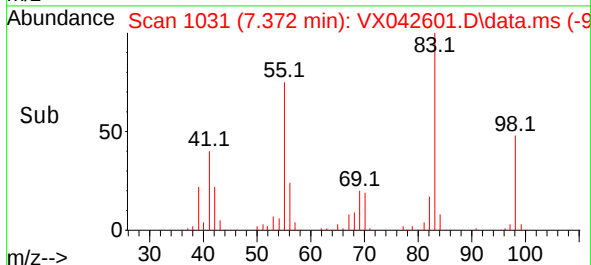
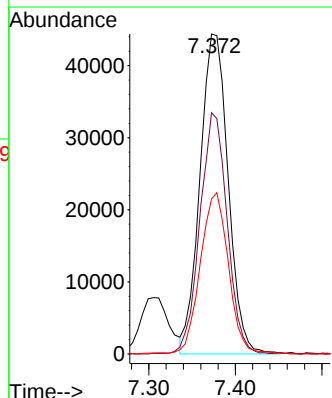
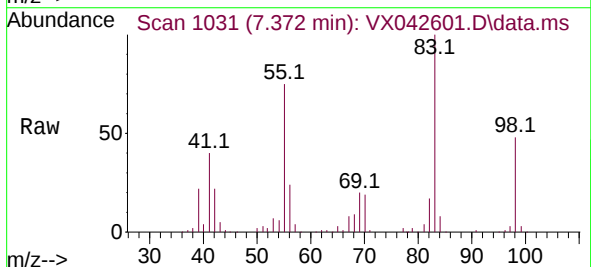
Tgt Ion: 83 Resp: 100439

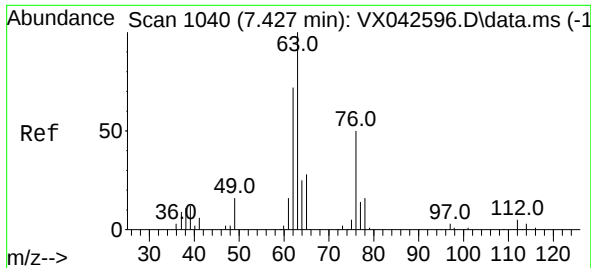
Ion Ratio Lower Upper

83 100

55 72.9 58.2 87.2

98 50.3 38.5 57.7

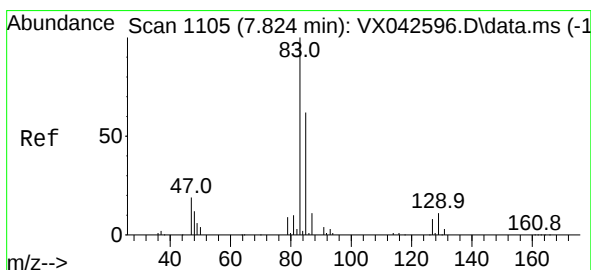
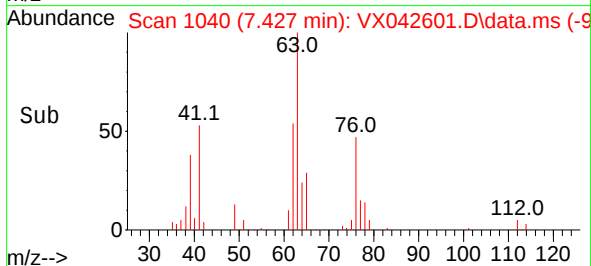
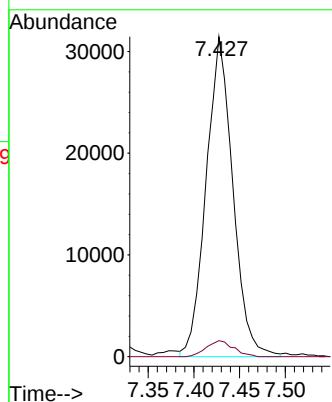
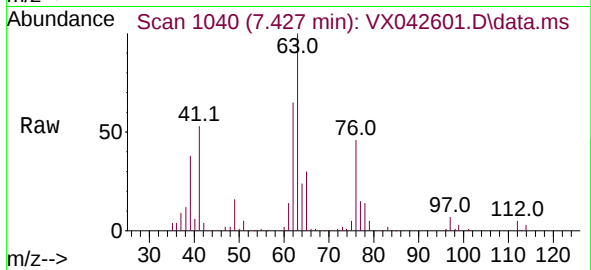




#37
1,2-Dichloropropane
Concen: 49.578 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

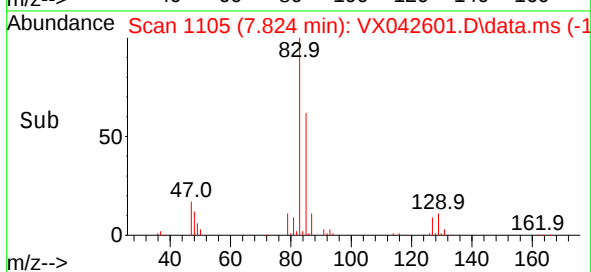
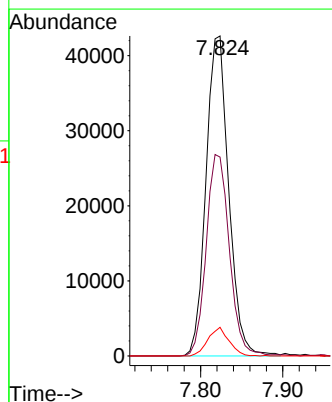
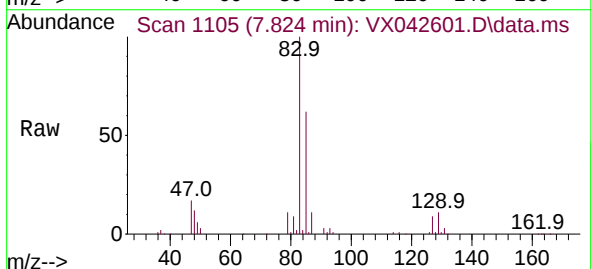
Instrument :
MSVOA_X
ClientSampleId :

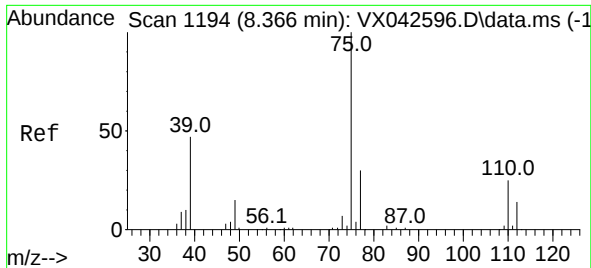
Tgt Ion: 63 Resp: 63833
Ion Ratio Lower Upper
63 100
112 5.1 3.7 5.5



#38
Bromodichloromethane
Concen: 49.129 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion: 83 Resp: 81757
Ion Ratio Lower Upper
83 100
85 62.1 43.7 81.1
127 8.9 6.5 9.7

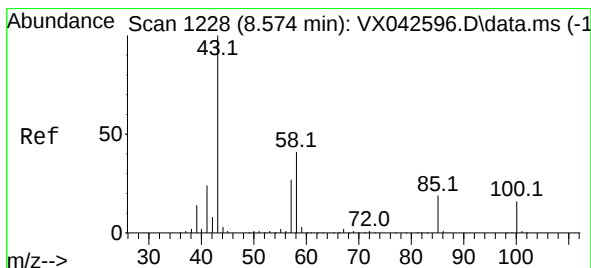
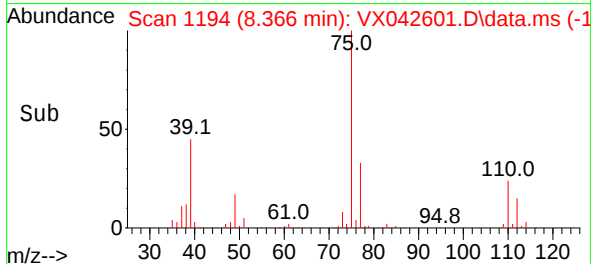
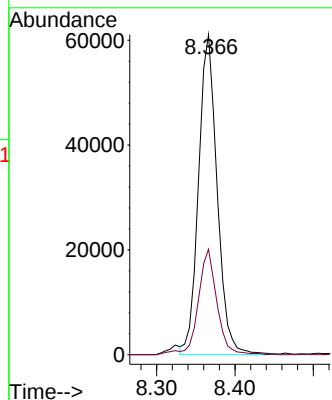
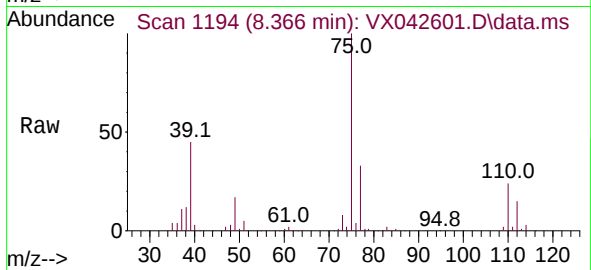




#39
 cis-1,3-Dichloropropene
 Concen: 51.162 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX042601.D
 Acq: 26 Jul 2024 15:49

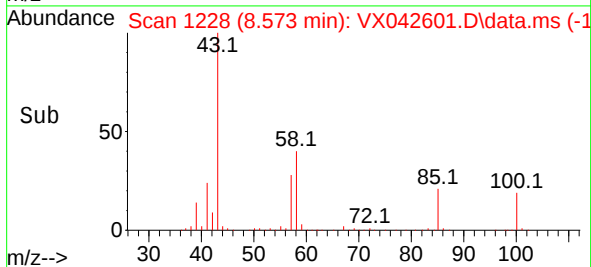
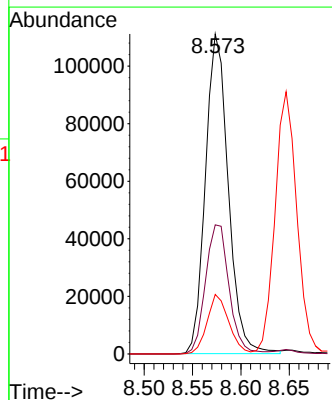
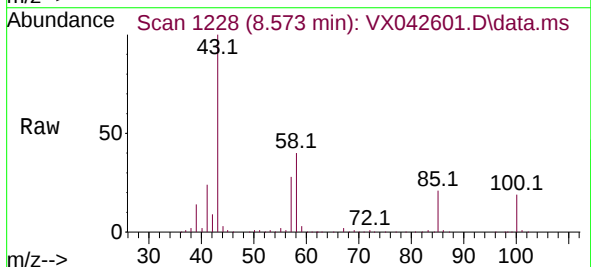
Instrument :
 MSVOA_X
 ClientSampleId :

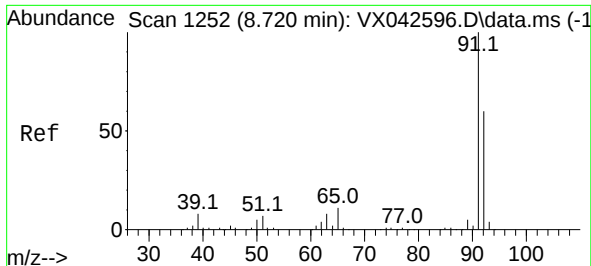
Tgt Ion: 75 Resp: 101113
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 103.160 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX042601.D
 Acq: 26 Jul 2024 15:49

Tgt Ion: 43 Resp: 182742
 Ion Ratio Lower Upper
 43 100
 58 41.8 32.4 48.6
 100 17.7 13.4 20.0





#42

Toluene

Concen: 49.936 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

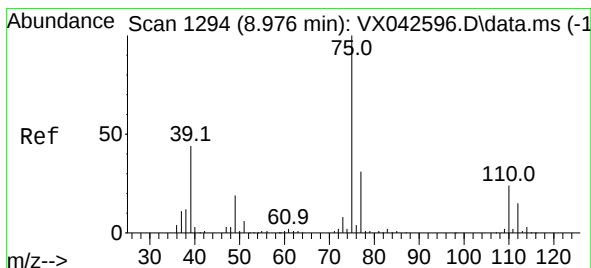
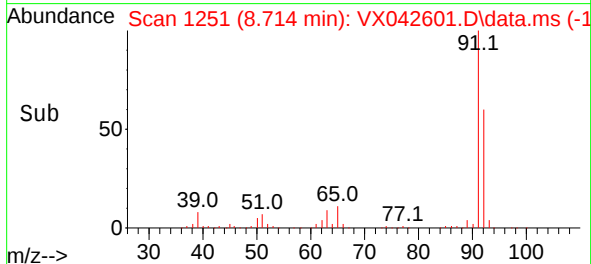
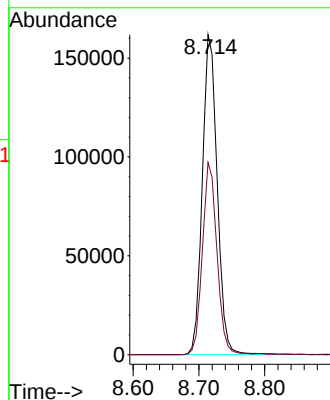
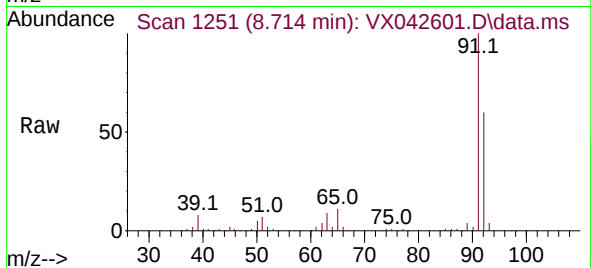
ClientSampleId :

Tgt Ion: 91 Resp: 254802

Ion Ratio Lower Upper

91 100

92 60.0 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 51.824 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042601.D

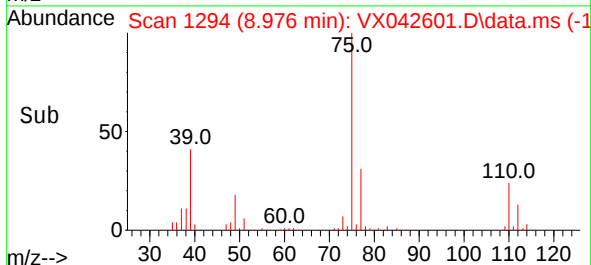
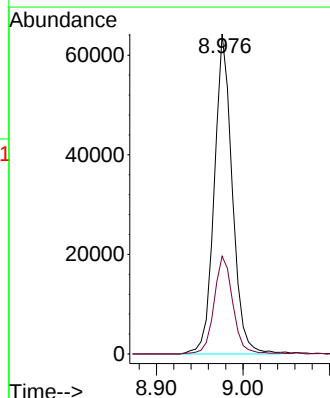
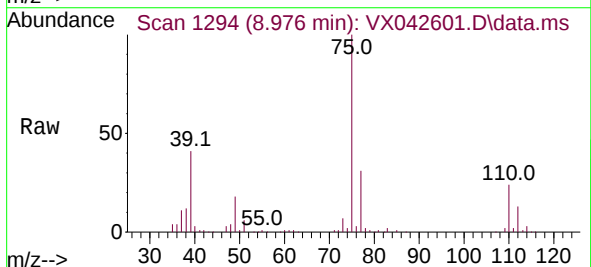
Acq: 26 Jul 2024 15:49

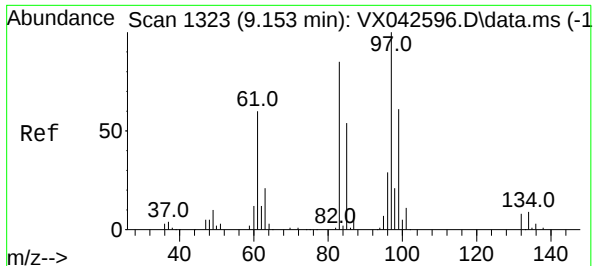
Tgt Ion: 75 Resp: 92843

Ion Ratio Lower Upper

75 100

77 30.6 22.0 40.8

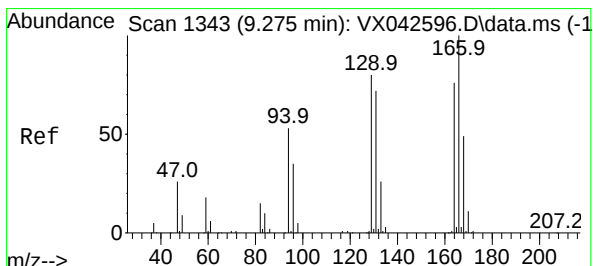
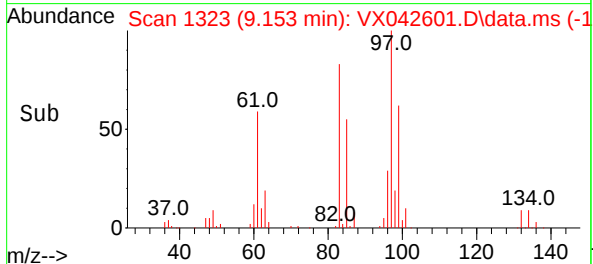
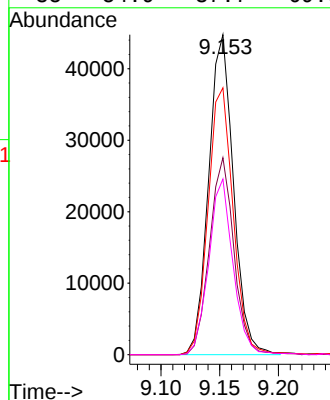
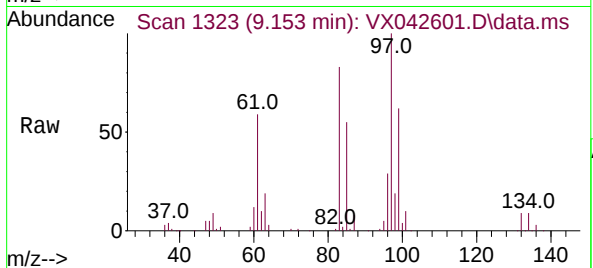




#45
1,1,2-Trichloroethane
Concen: 50.621 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

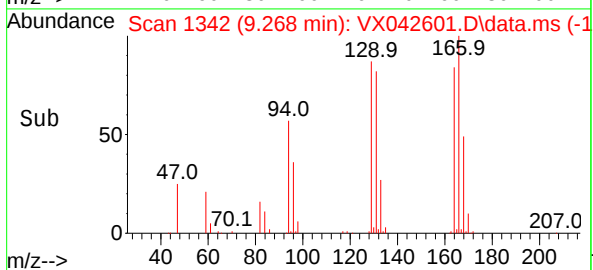
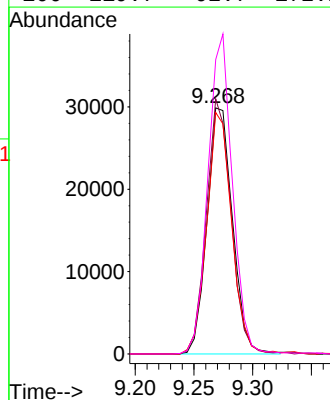
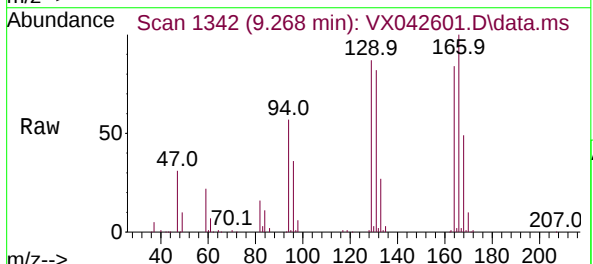
Instrument :
MSVOA_X
ClientSampleId :

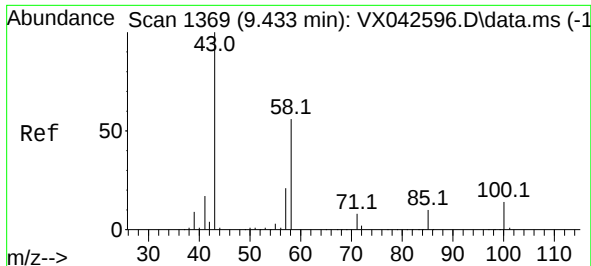
Tgt Ion:	97	Resp:	65829
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.6	79.2
83	83.4	59.3	110.1
85	54.9	37.7	69.9



#46
Tetrachloroethene
Concen: 49.824 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion:	164	Resp:	44974
Ion	Ratio	Lower	Upper
164	100		
129	103.7	74.2	137.8
131	98.1	66.9	124.3
166	119.7	92.7	172.1





#48

2-Hexanone

Concen: 103.389 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

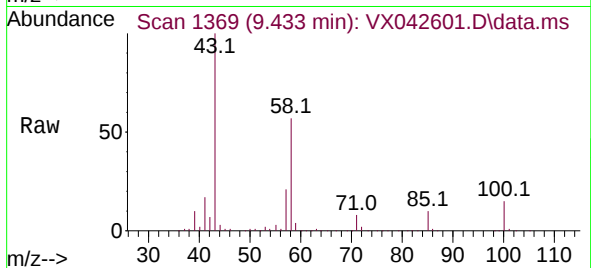
Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 142439

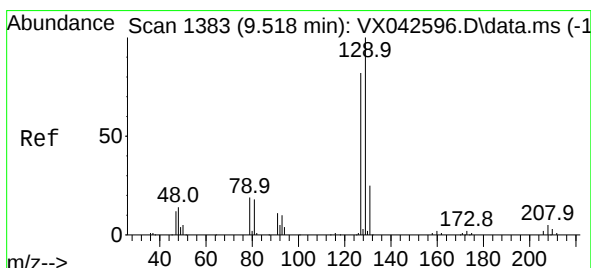
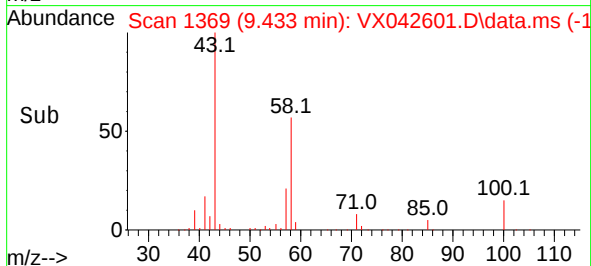
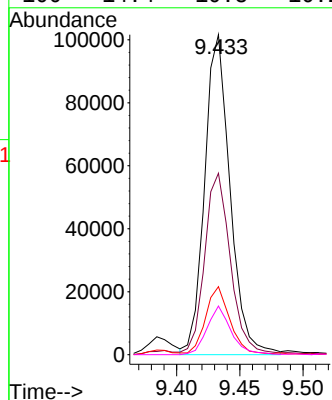
Ion Ratio Lower Upper

43 100

58 57.3 44.9 67.3

57 20.5 15.8 23.6

100 14.4 10.8 16.2



#49

Dibromochloromethane

Concen: 50.826 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042601.D

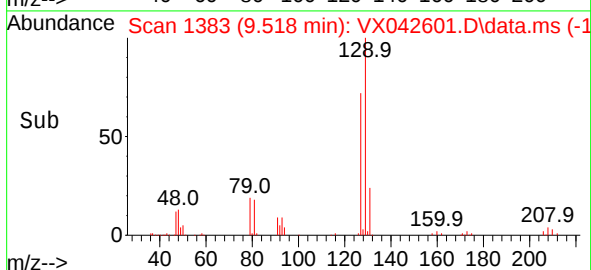
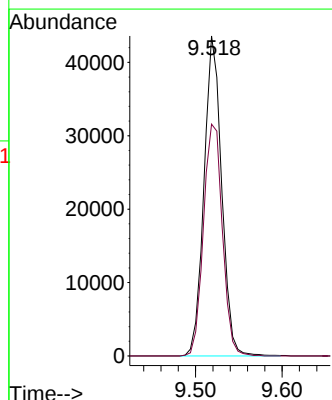
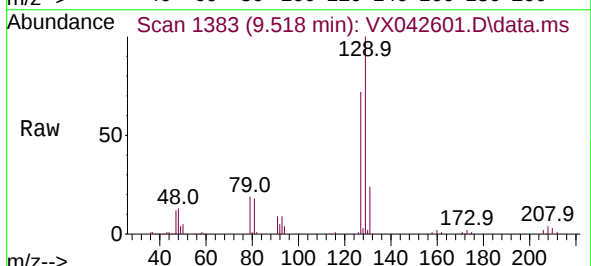
Acq: 26 Jul 2024 15:49

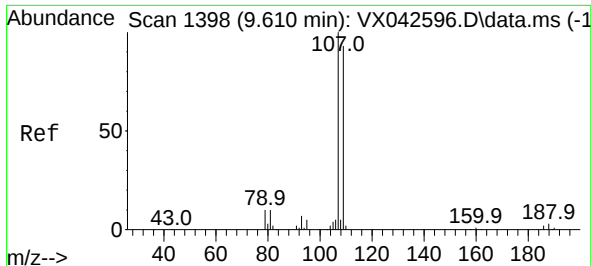
Tgt Ion:129 Resp: 61719

Ion Ratio Lower Upper

129 100

127 72.4 57.4 106.6





#50

1,2-Dibromoethane

Concen: 49.455 ug/L

RT: 9.610 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX042601.D

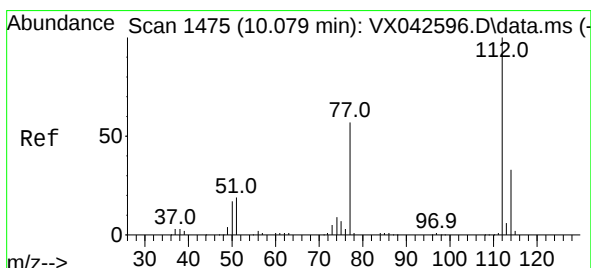
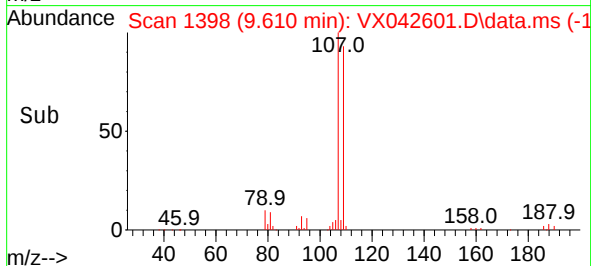
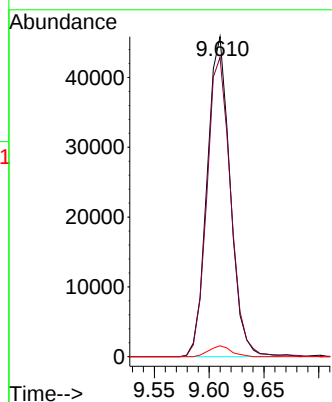
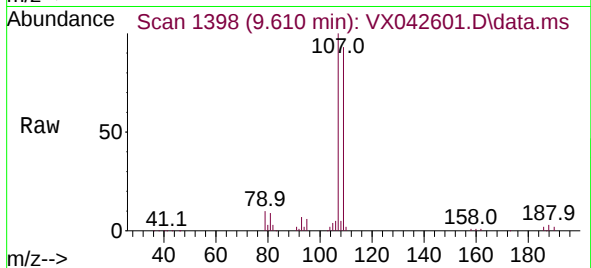
Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	66888
Ion	Ratio	Lower Upper
107	100	
109	93.5	65.4 121.4
188	3.4	2.2 3.2#



#51

Chlorobenzene

Concen: 48.756 ug/L

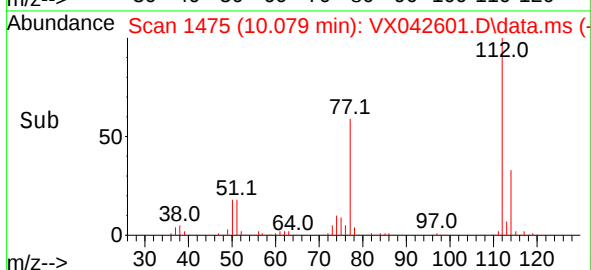
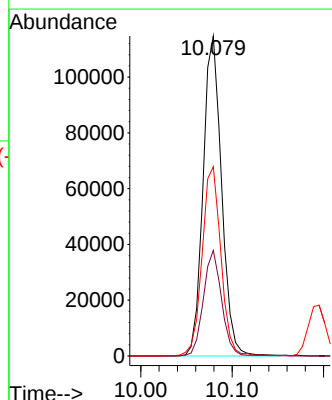
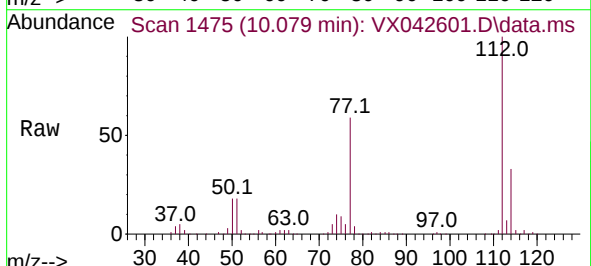
RT: 10.079 min Scan# 1475

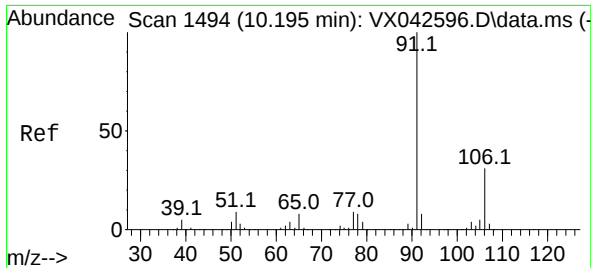
Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Tgt Ion:112	Resp:	160878
Ion	Ratio	Lower Upper
112	100	
114	33.0	23.2 43.2
77	59.1	46.3 69.5





#52

Ethylbenzene

Concen: 49.726 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

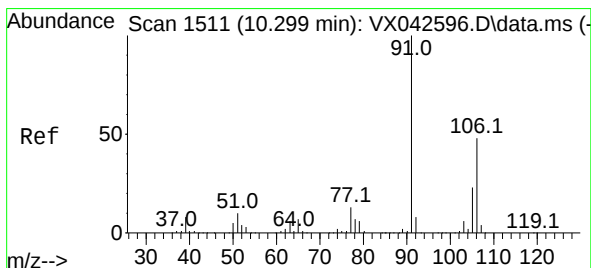
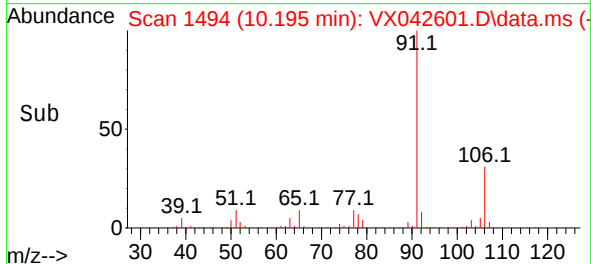
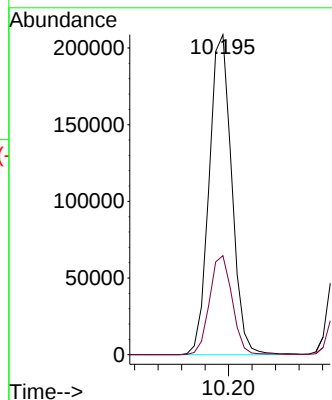
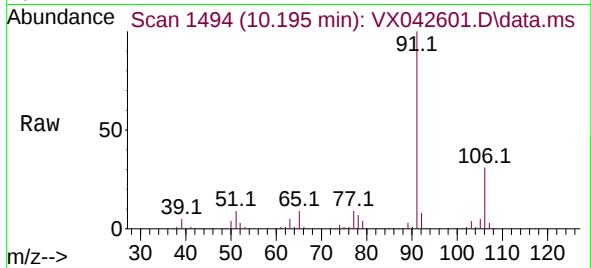
ClientSampleId :

Tgt Ion: 91 Resp: 278295

Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.4



#53

m,p-Xylene

Concen: 51.343 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042601.D

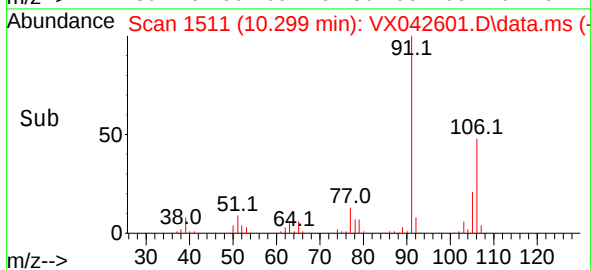
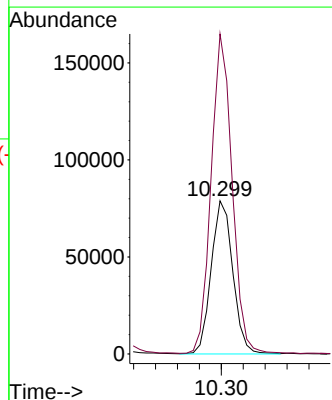
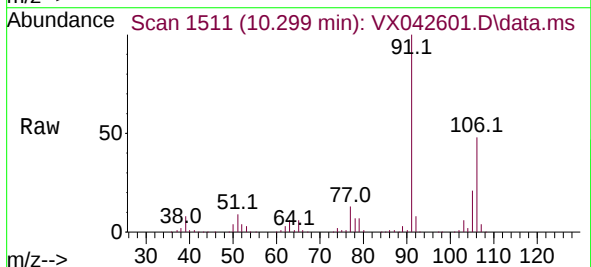
Acq: 26 Jul 2024 15:49

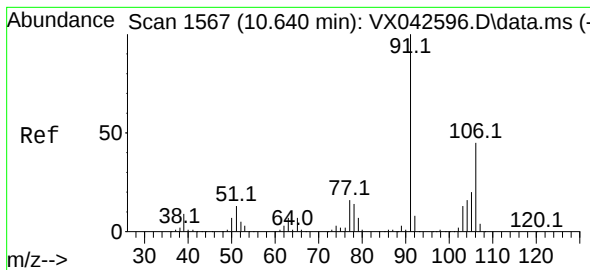
Tgt Ion:106 Resp: 108248

Ion Ratio Lower Upper

106 100

91 208.9 146.8 272.6

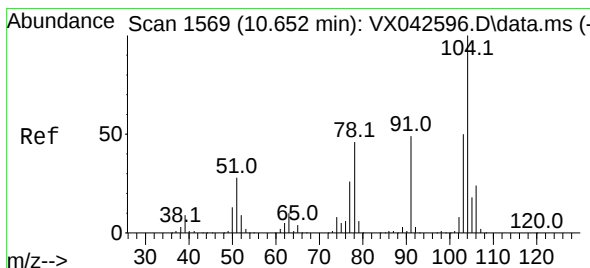
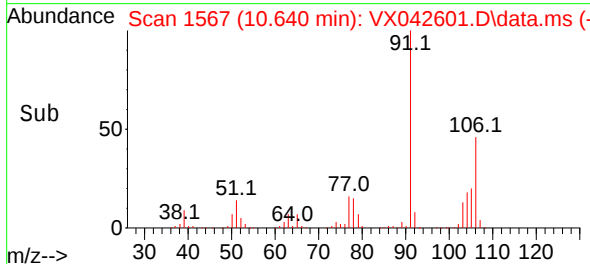
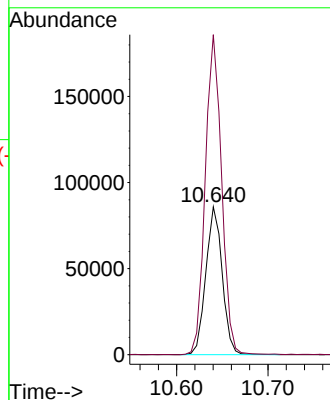
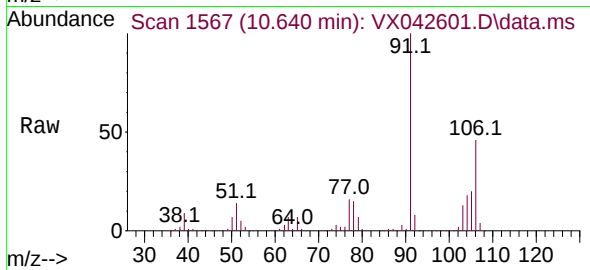




#54
o-Xylene
Concen: 50.896 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

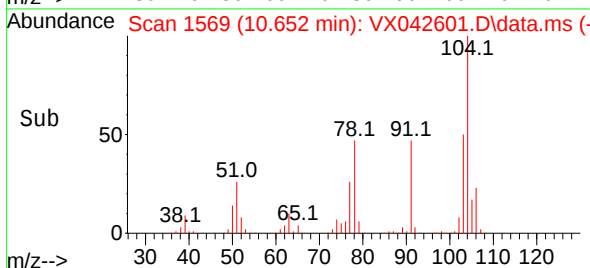
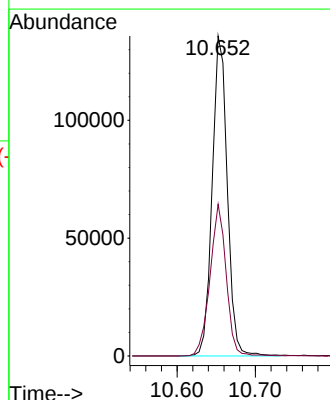
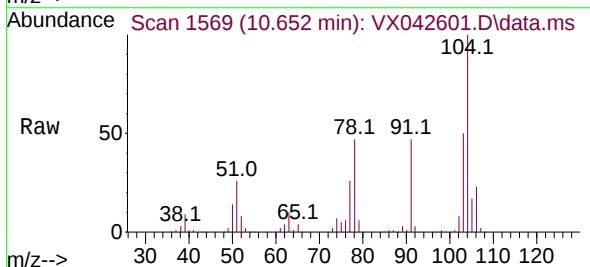
Instrument :
MSVOA_X
ClientSampleId :

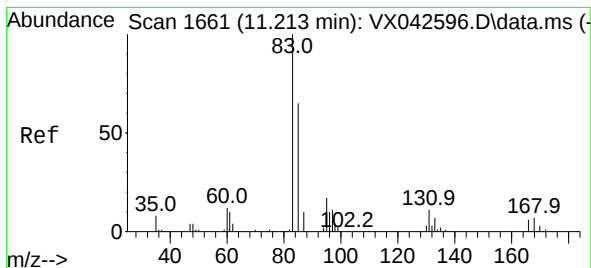
Tgt Ion:106 Resp: 106745
Ion Ratio Lower Upper
106 100
91 216.3 154.6 287.2



#55
Styrene
Concen: 51.909 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion:104 Resp: 181481
Ion Ratio Lower Upper
104 100
78 47.4 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 50.518 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

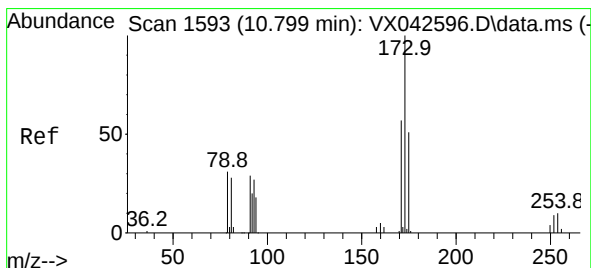
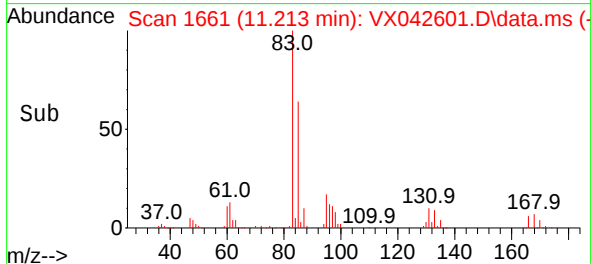
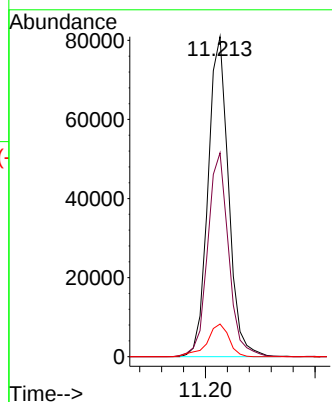
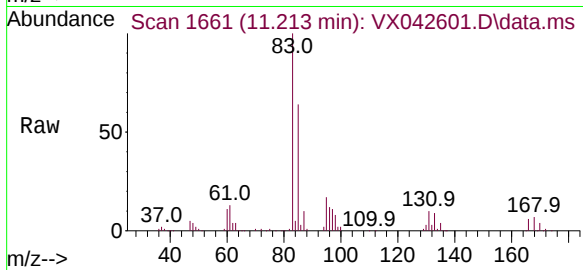
Tgt Ion: 83 Resp: 105055

Ion Ratio Lower Upper

83 100

85 63.7 46.1 85.5

131 10.2 8.6 13.0



#59

Bromoform

Concen: 48.597 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

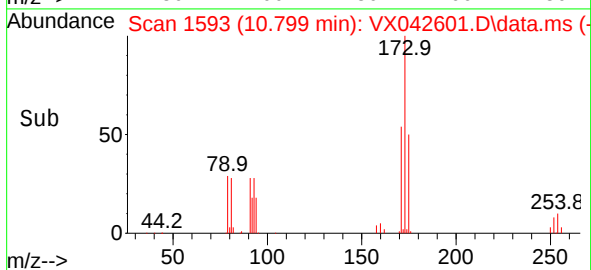
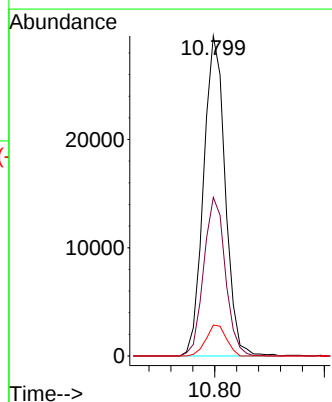
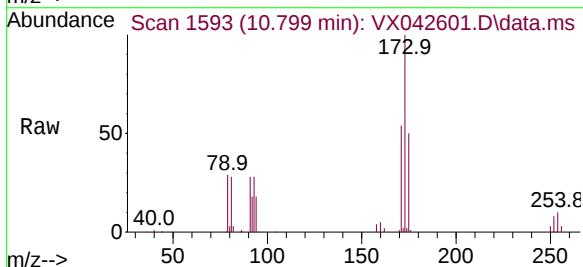
Tgt Ion:173 Resp: 40435

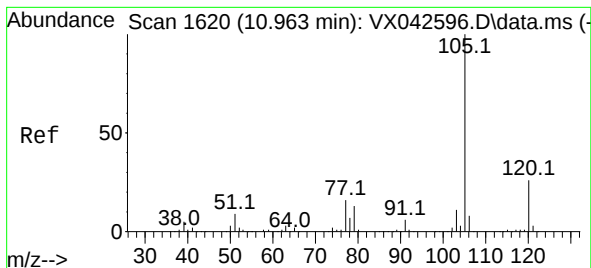
Ion Ratio Lower Upper

173 100

175 49.6 37.4 56.2

254 9.2 6.8 10.2





#60

Isopropylbenzene

Concen: 49.639 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

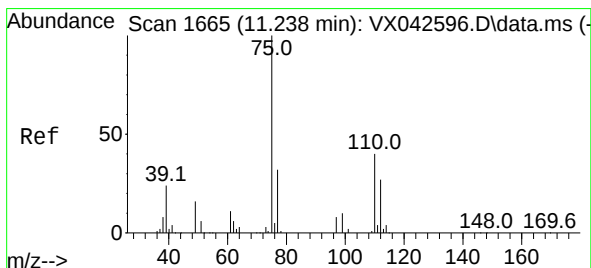
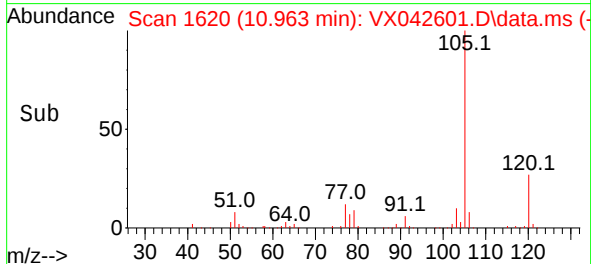
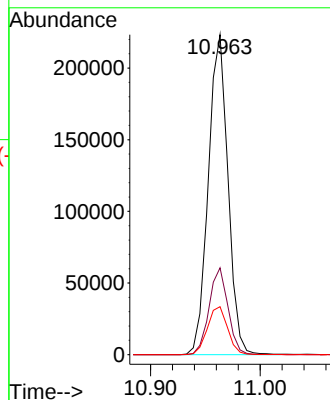
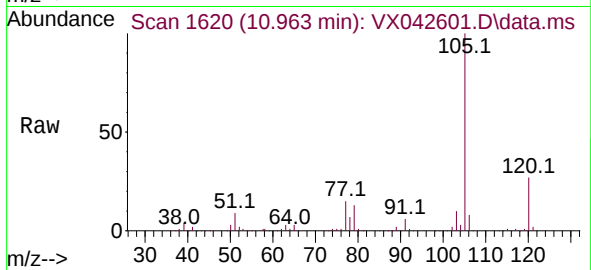
Tgt Ion:105 Resp: 278088

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

77 15.4 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 47.564 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

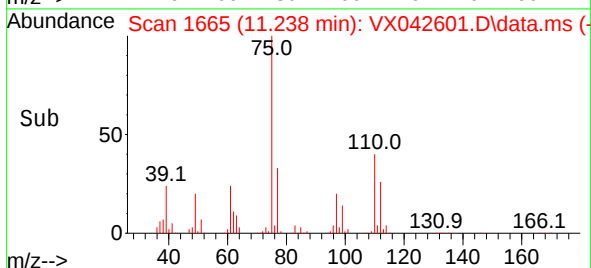
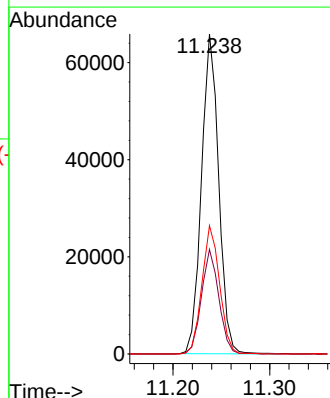
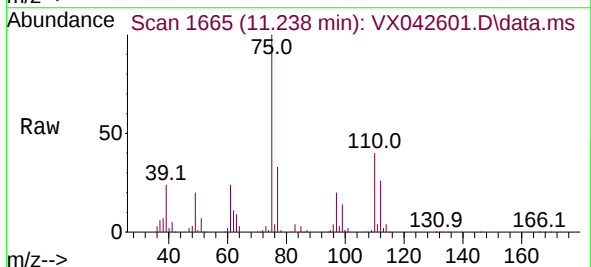
Tgt Ion: 75 Resp: 81585

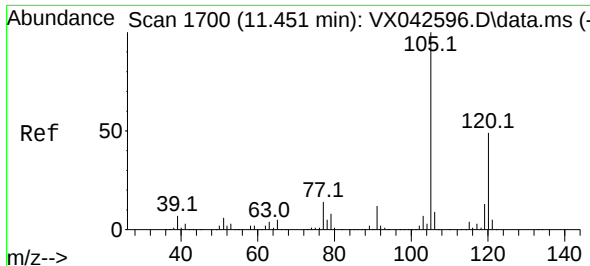
Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.4

110 41.0 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 49.511 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

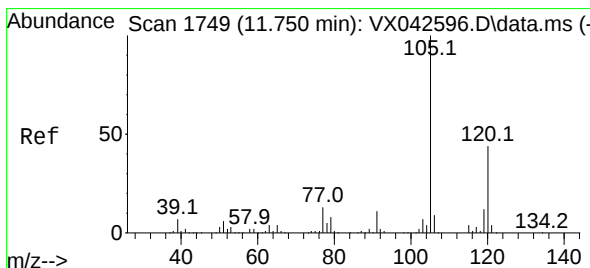
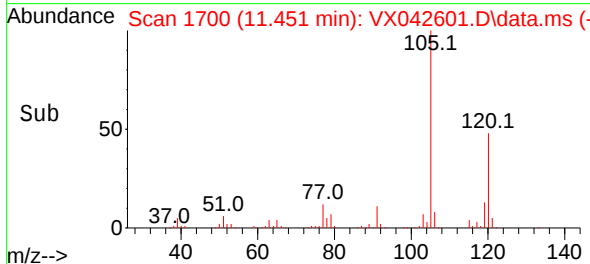
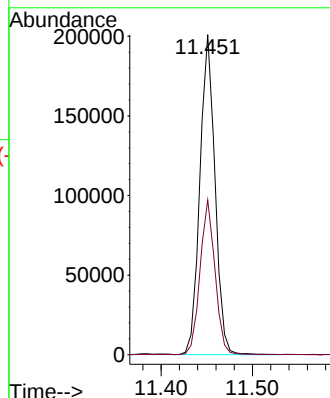
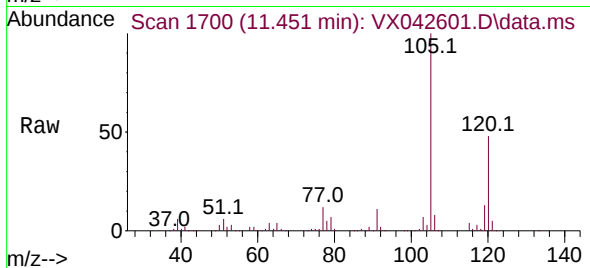
ClientSampleId :

Tgt Ion:105 Resp: 230685

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 49.710 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042601.D

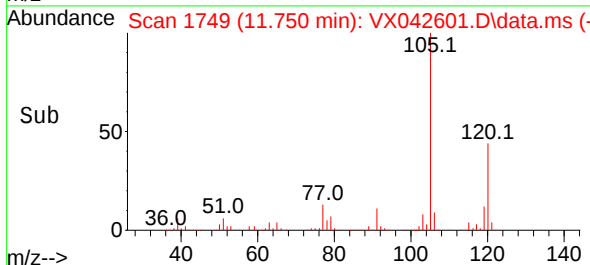
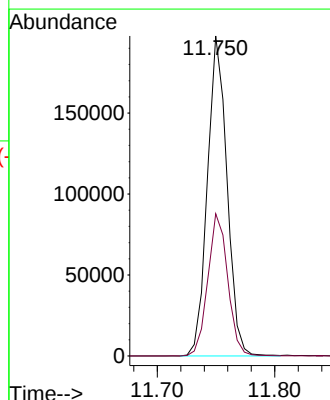
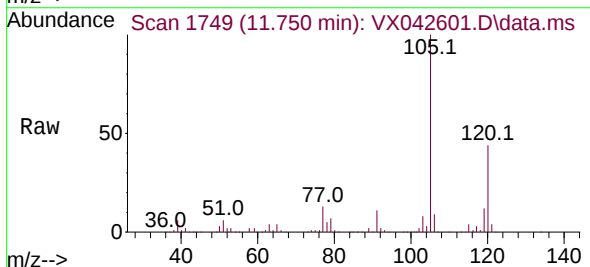
Acq: 26 Jul 2024 15:49

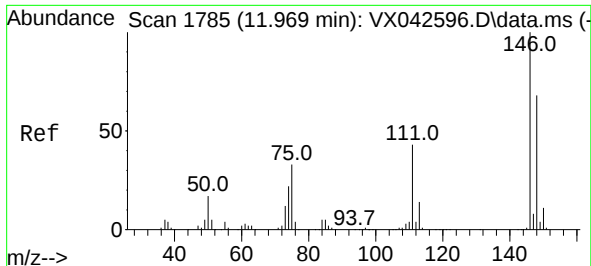
Tgt Ion:105 Resp: 228695

Ion Ratio Lower Upper

105 100

120 45.2 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 47.834 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

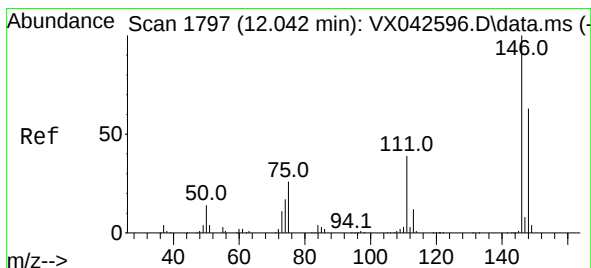
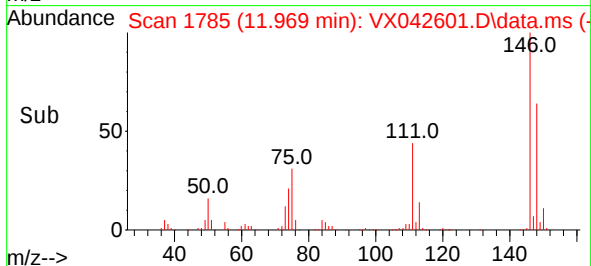
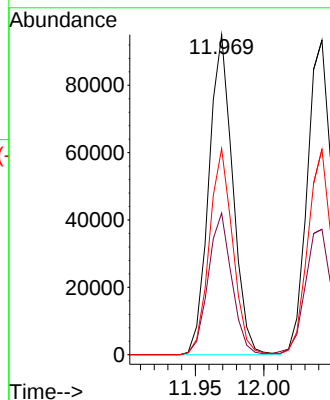
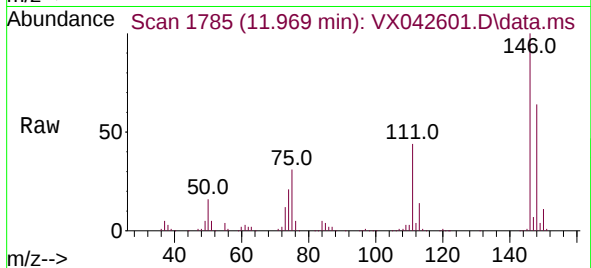
Tgt Ion:146 Resp: 115251

Ion Ratio Lower Upper

146 100

111 44.3 30.4 56.5

148 64.4 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 48.124 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

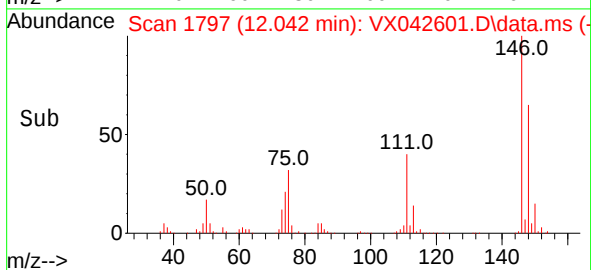
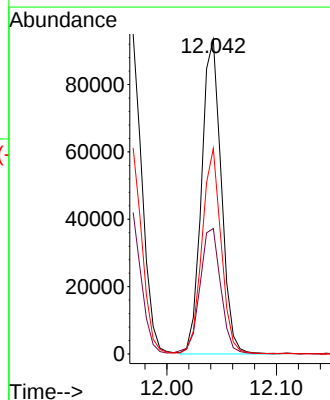
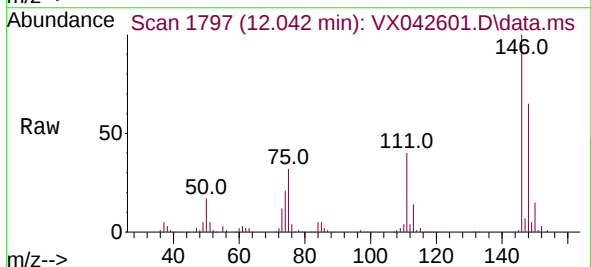
Tgt Ion:146 Resp: 116786

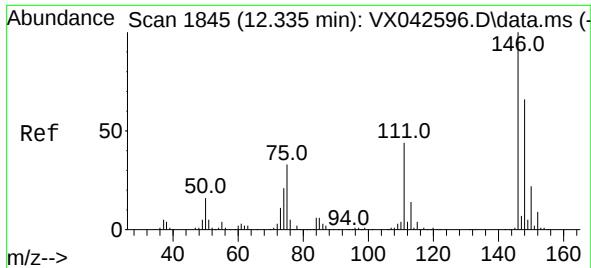
Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.7

148 65.3 44.1 81.9

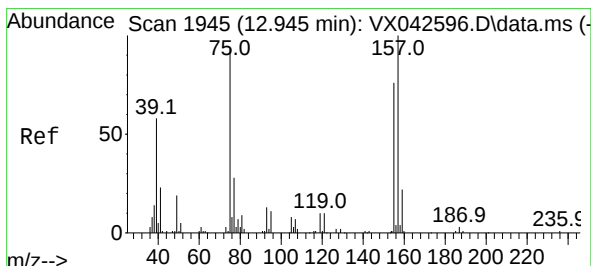
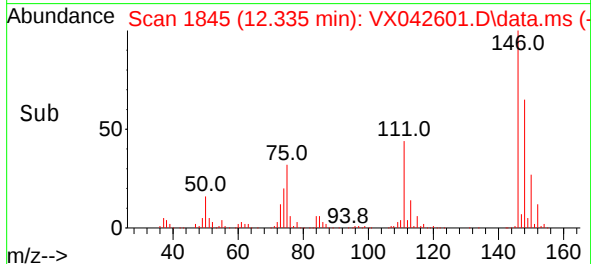
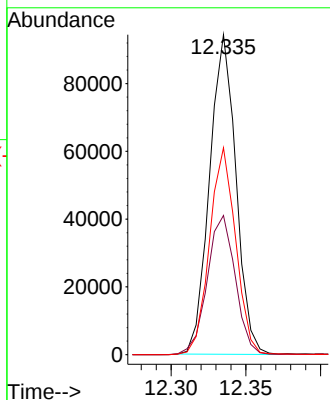
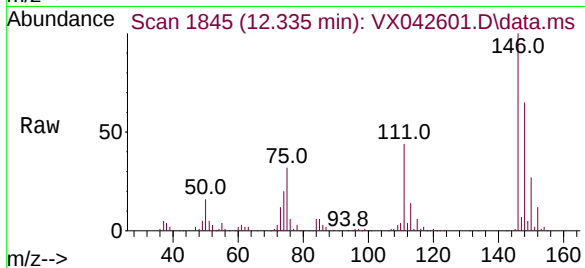




#67
1,2-Dichlorobenzene
Concen: 47.668 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

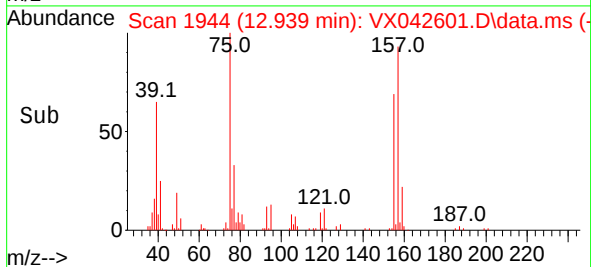
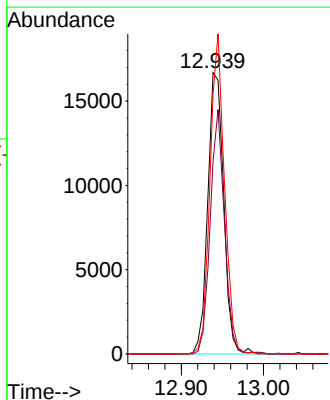
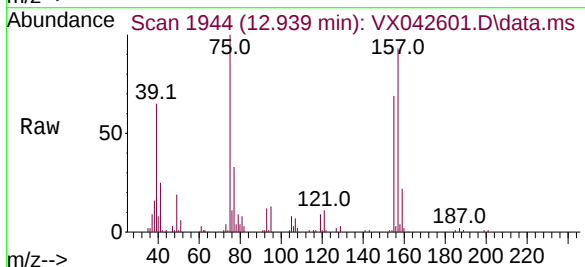
Instrument :
MSVOA_X
ClientSampleId :

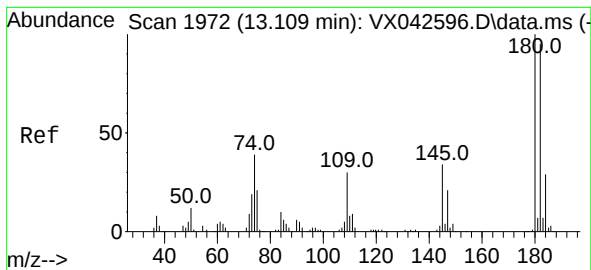
Tgt Ion:146 Resp: 115650
Ion Ratio Lower Upper
146 100
111 43.5 35.3 52.9
148 64.6 52.7 79.1



#68
1,2-Dibromo-3-chloropropane
Concen: 49.282 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion: 75 Resp: 22520
Ion Ratio Lower Upper
75 100
155 68.7 65.1 97.7
157 92.6 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 49.458 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

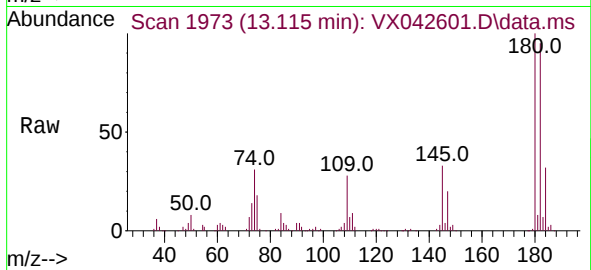
Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 73911

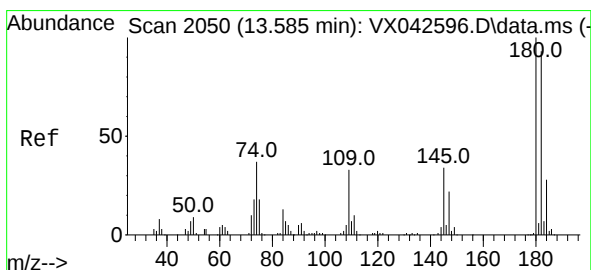
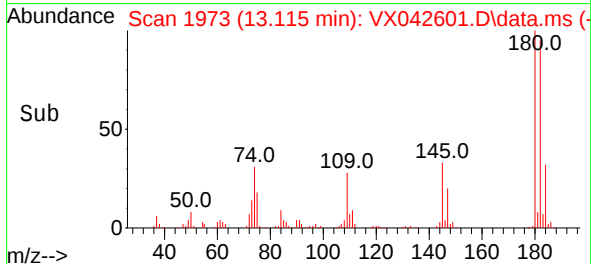
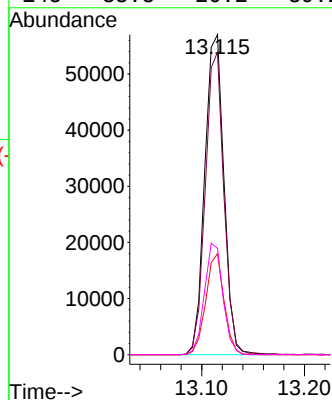
Ion Ratio Lower Upper

180 100

182 91.7 75.4 113.0

184 30.2 23.4 35.0

145 33.8 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 48.606 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042601.D

Acq: 26 Jul 2024 15:49

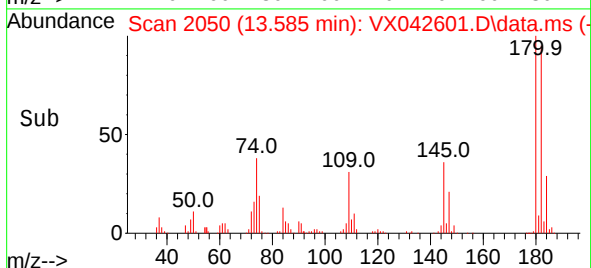
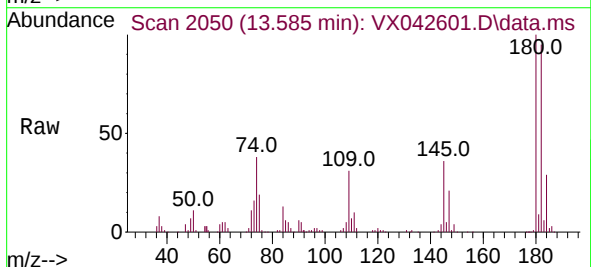
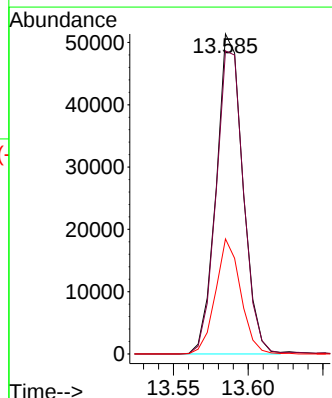
Tgt Ion:180 Resp: 63699

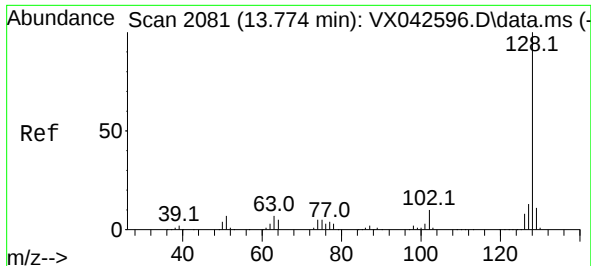
Ion Ratio Lower Upper

180 100

182 97.2 77.0 115.4

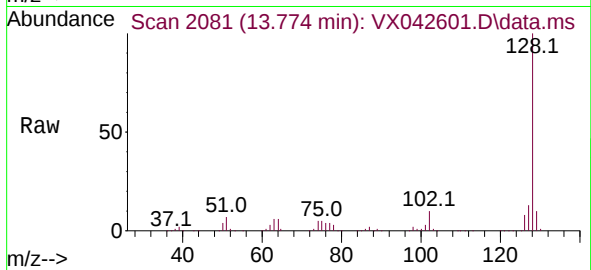
145 34.0 27.0 40.6



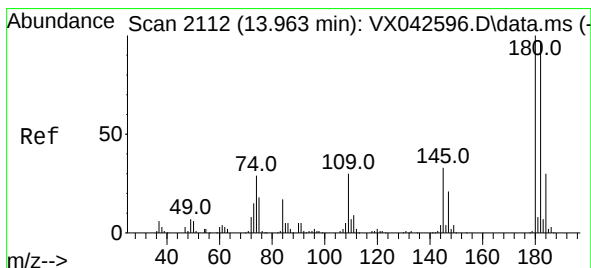
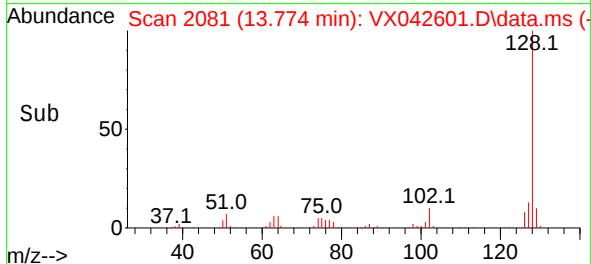
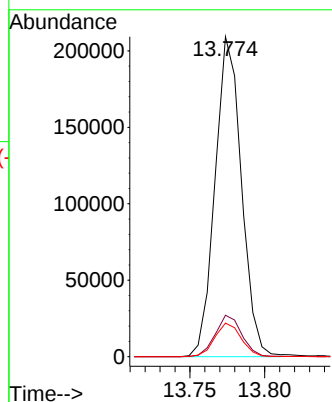


#71
Naphthalene
Concen: 50.811 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 256866
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.892 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042601.D
Acq: 26 Jul 2024 15:49

Tgt Ion:180 Resp: 67729
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.2
145 36.2 27.6 41.4

