

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042724.D
 Acq On : 30 Jul 2024 04:12
 Operator : JC/MD
 Sample : P3388-12MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 05:33:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 02:11:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159691	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140725	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59290	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24060	24.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.600%#
7) Chloroethane-d5	1.648	69	13626	34.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.160%#
11) 1,1-Dichloroethene-d2	2.300	65	13519	28.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.560%#
21) 2-Butanone-d5	4.465	46	72463	100.775	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	5.056	84	87440	41.176	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.360%
26) 1,2-Dichloroethane-d4	5.958	65	58616	42.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.580%
32) Benzene-d6	5.971	84	150246	38.469	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.940%
36) 1,2-Dichloropropane-d6	7.306	67	50044	43.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.580%
41) Toluene-d8	8.647	98	128980	36.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.660%#
43) trans-1,3-Dichloroprop...	8.952	79	19975	36.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.860%
47) 2-Hexanone-d5	9.385	63	51745	100.125	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.130%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	78924	47.422	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	12.317	152	43812	39.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51236	36.316	ug/L	100
3) Chloromethane	1.301	50	49809	42.693	ug/L	99
5) Vinyl chloride	1.374	62	45942	41.425	ug/L	97
6) Bromomethane	1.599	94	14758	42.531	ug/L	100
8) Chloroethane	1.666	64	19603	48.277	ug/L	97
9) Trichlorofluoromethane	1.874	101	59932	38.178	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	40126	35.571	ug/L	97
12) 1,1-Dichloroethene	2.313	96	44170	42.785	ug/L	90
13) Acetone	2.392	43	50578	89.985	ug/L	97
14) Carbon disulfide	2.502	76	95431	37.859	ug/L	100
15) Methyl Acetate	2.709	43	56331	45.213	ug/L	100
16) Methylene chloride	2.788	84	54253	45.505	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	48304	45.593	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	172825	47.063	ug/L	100
19) 1,1-Dichloroethane	3.605	63	91135	45.054	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	108107	89.337	ug/L	96
22) 2-Butanone	4.568	43	76711	89.611	ug/L	94
23) Bromochloromethane	4.910	128	27522	48.029	ug/L	90
25) Chloroform	5.093	83	100502	46.597	ug/L	100

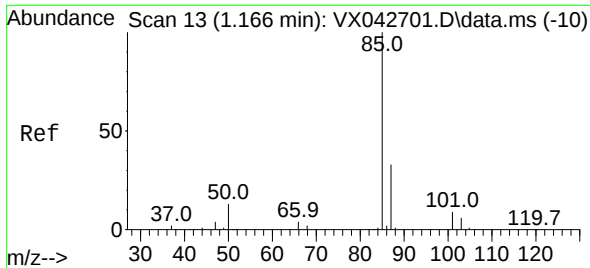
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	84118	49.106	ug/L	100
29) Cyclohexane	5.464	56	60164	36.164	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	81755	45.482	ug/L	99
31) Carbon tetrachloride	5.672	117	66846	44.027	ug/L	99
33) Benzene	6.038	78	205853	47.799	ug/L	100
34) Trichloroethene	7.123	95	606538	527.157	ug/L	97
35) Methylcyclohexane	7.379	83	58663	33.686	ug/L	97
37) 1,2-Dichloropropane	7.428	63	52250	46.683	ug/L	98
38) Bromodichloromethane	7.824	83	68999	47.697	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	71633	41.695	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	146605	95.203	ug/L	97
42) Toluene	8.720	91	207976	46.887	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	67472	43.325	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	55503	49.098	ug/L	97
46) Tetrachloroethene	9.275	164	32855	41.871	ug/L	96
48) 2-Hexanone	9.433	43	113928	95.127	ug/L	99
49) Dibromochloromethane	9.519	129	50986	48.300	ug/L	95
50) 1,2-Dibromoethane	9.610	107	57775	49.140	ug/L #	99
51) Chlorobenzene	10.080	112	128551	44.816	ug/L	99
52) Ethylbenzene	10.195	91	214235	44.035	ug/L	100
53) m,p-Xylene	10.299	106	83112	45.347	ug/L	94
54) o-Xylene	10.640	106	82552	45.279	ug/L	99
55) Styrene	10.653	104	137212	45.147	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	85490	47.290	ug/L	98
59) Bromoform	10.799	173	31945	48.011	ug/L	95
60) Isopropylbenzene	10.964	105	205560	45.884	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	67708	49.362	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	164964	44.275	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	164534	44.723	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	80915	41.996	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	82434	42.478	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	87533	45.116	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	17154	46.943	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	43680	36.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	38884	37.103	ug/L	98
71) Naphthalene	13.774	128	177215	43.836	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	43013	39.622	ug/L	99

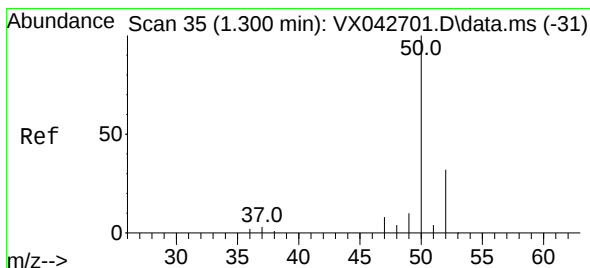
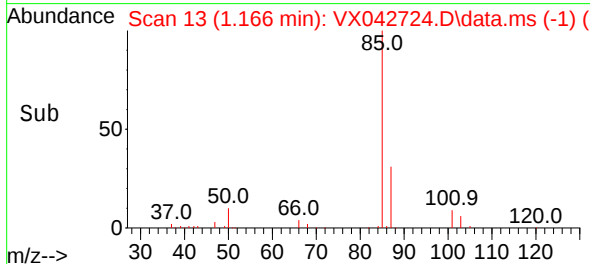
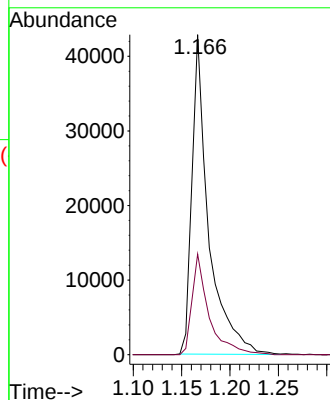
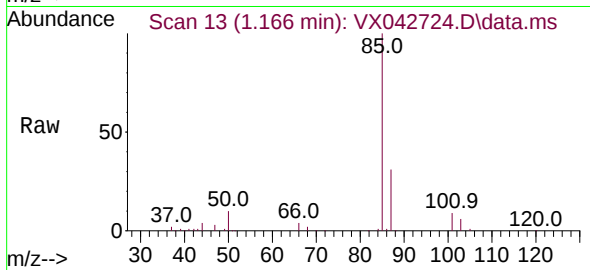
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#2
Dichlorodifluoromethane
Concen: 36.316 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

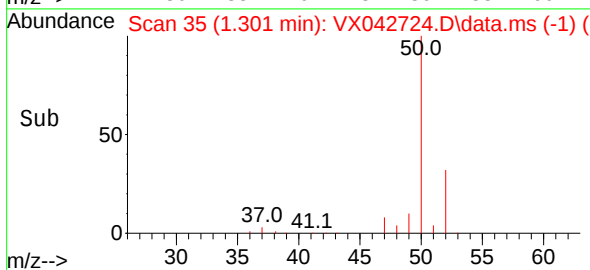
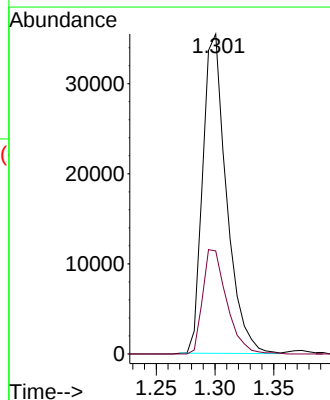
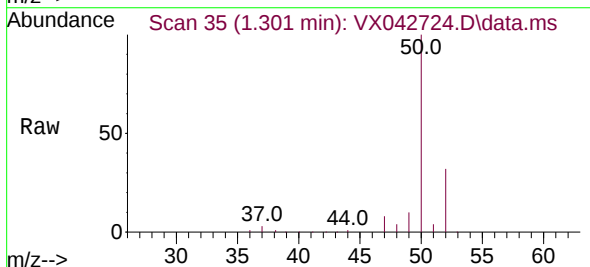
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MSVOA_X
ClientSampleId :

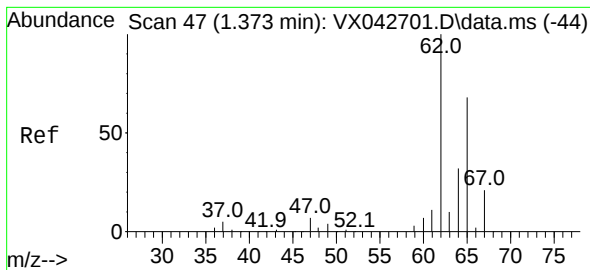
Tgt Ion: 85 Resp: 51236
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 42.693 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion: 50 Resp: 49809
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.6





#5

Vinyl chloride

Concen: 41.425 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

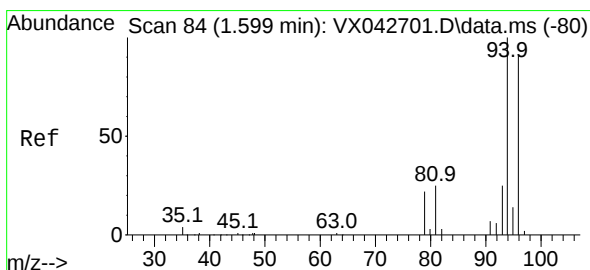
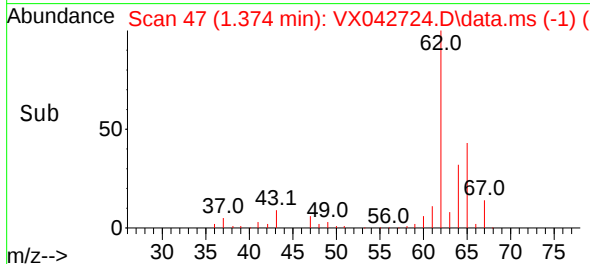
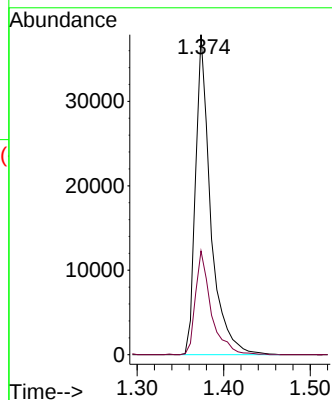
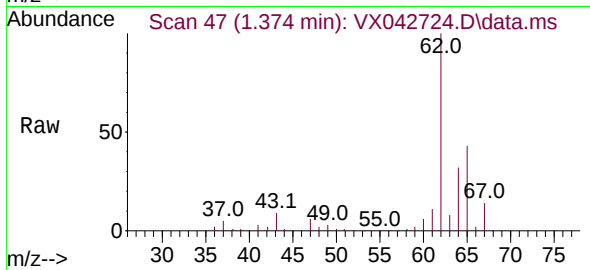
ClientSampleId :

Tgt Ion: 62 Resp: 45942

Ion Ratio Lower Upper

62 100

64 32.4 21.6 40.0



#6

Bromomethane

Concen: 42.531 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042724.D

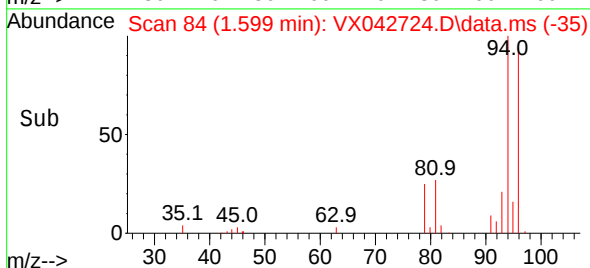
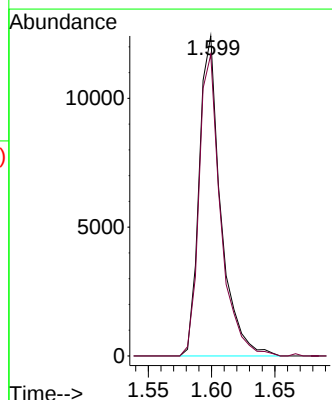
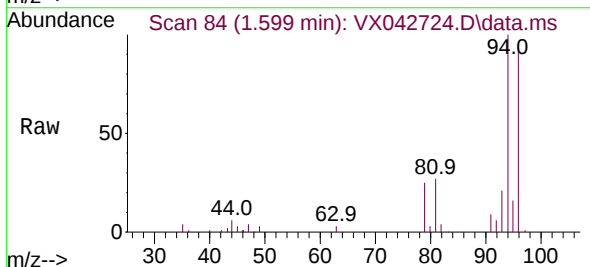
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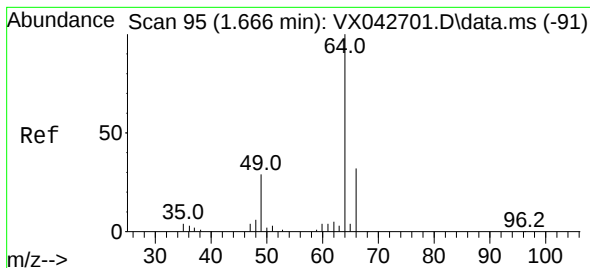
Tgt Ion: 94 Resp: 14758

Ion Ratio Lower Upper

94 100

96 94.2 66.1 122.7





#8

Chloroethane

Concen: 48.277 ug/L

RT: 1.666 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

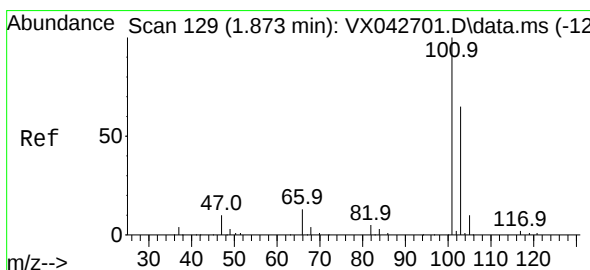
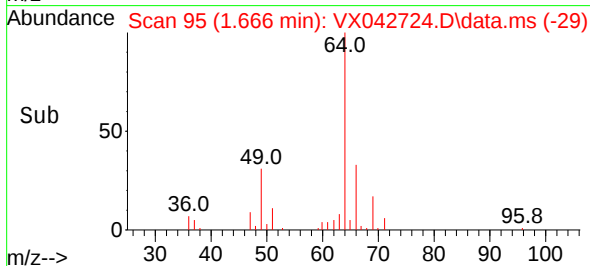
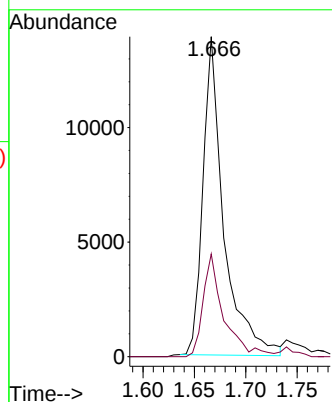
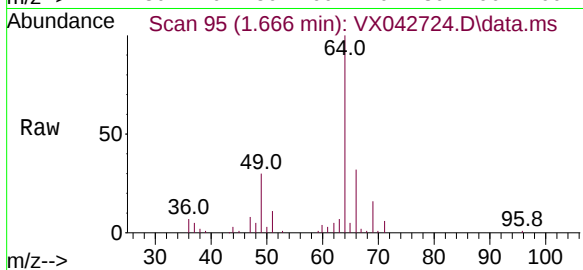
ClientSampleId :

Tgt Ion: 64 Resp: 19603

Ion Ratio Lower Upper

64 100

66 32.1 21.4 39.8



#9

Trichlorofluoromethane

Concen: 38.178 ug/L

RT: 1.874 min Scan# 129

Delta R.T. 0.000 min

Lab File: VX042724.D

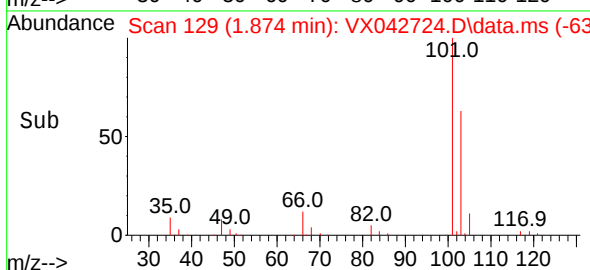
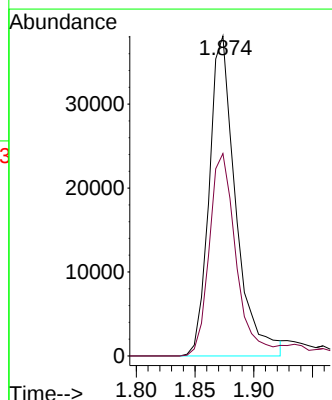
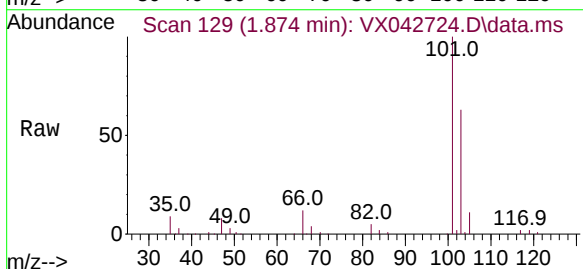
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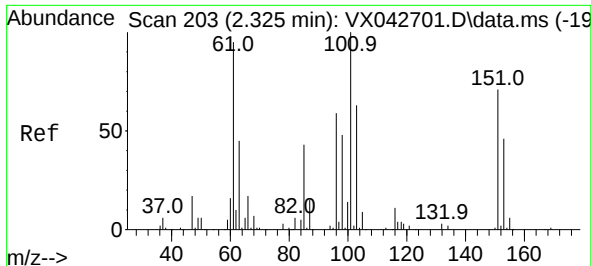
Tgt Ion:101 Resp: 59932

Ion Ratio Lower Upper

101 100

103 63.5 45.2 67.8

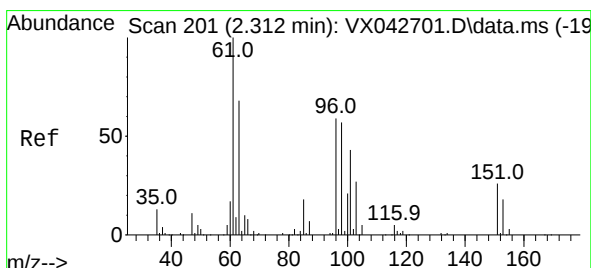
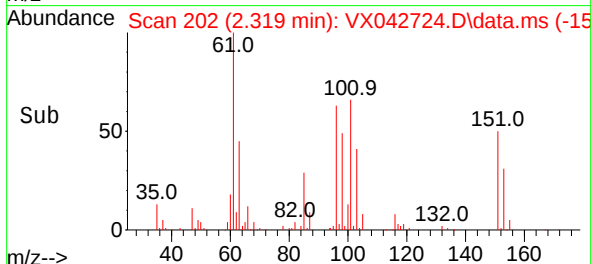
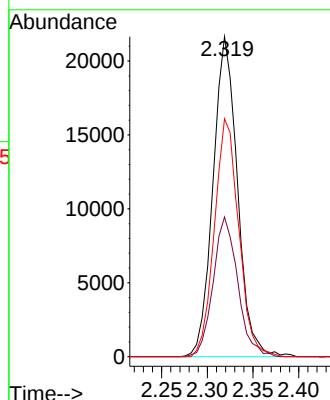
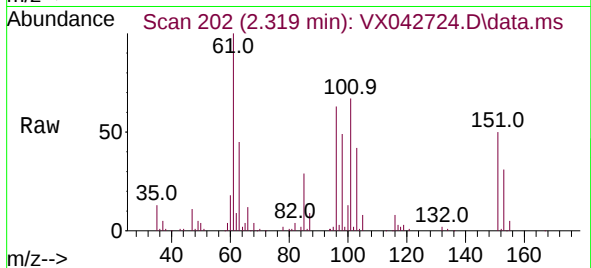




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 35.571 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

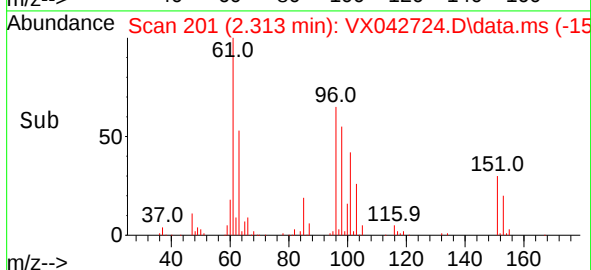
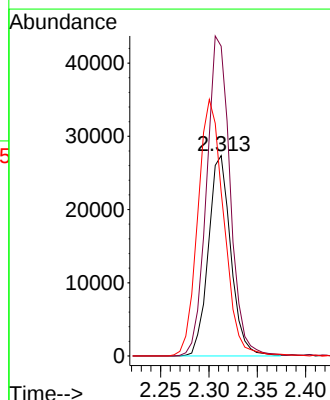
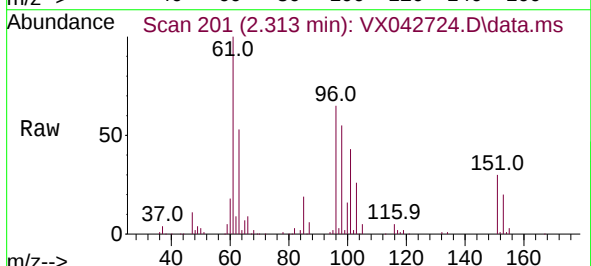
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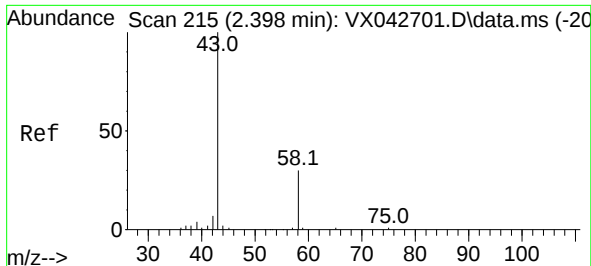
Tgt Ion:101 Resp: 40126
Ion Ratio Lower Upper
101 100
85 44.0 34.4 51.6
151 74.3 56.6 85.0



#12
1,1-Dichloroethene
Concen: 42.785 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion: 96 Resp: 44170
Ion Ratio Lower Upper
96 100
61 154.6 113.0 209.9
63 82.0 70.5 130.9





#13

Acetone

Concen: 89.985 ug/L

RT: 2.392 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

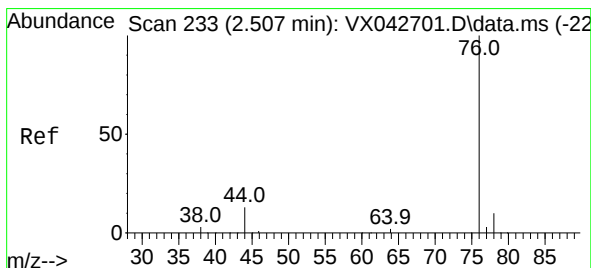
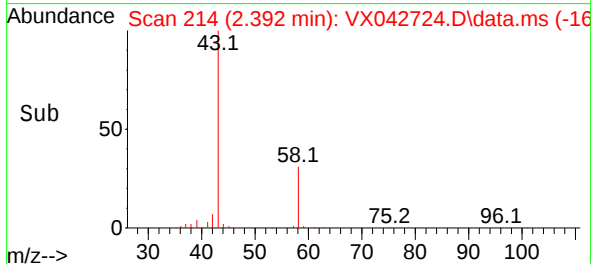
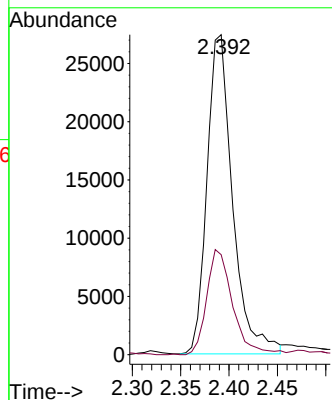
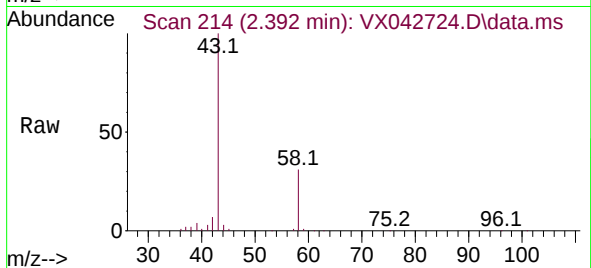
ClientSampleId :

Tgt Ion: 43 Resp: 50578

Ion Ratio Lower Upper

43 100

58 32.9 0.0 62.4



#14

Carbon disulfide

Concen: 37.859 ug/L

RT: 2.502 min Scan# 232

Delta R.T. -0.006 min

Lab File: VX042724.D

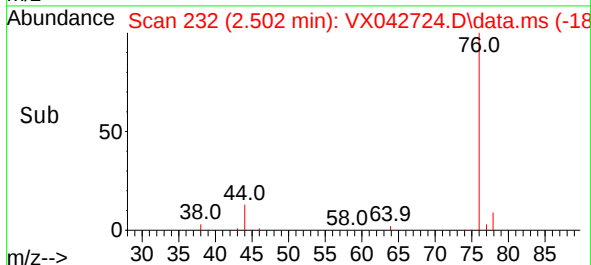
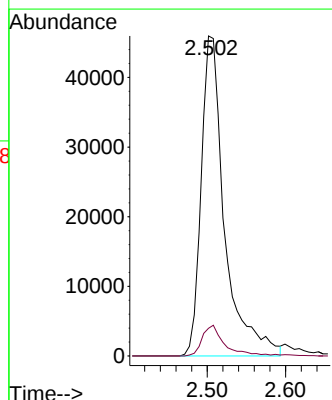
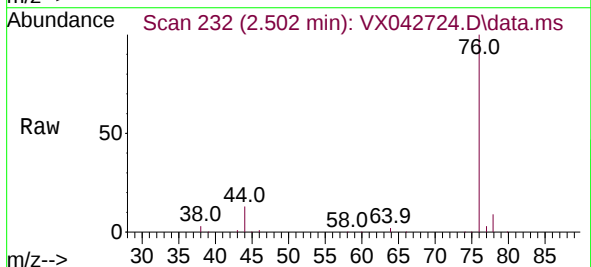
Acq: 30 Jul 2024 04:12

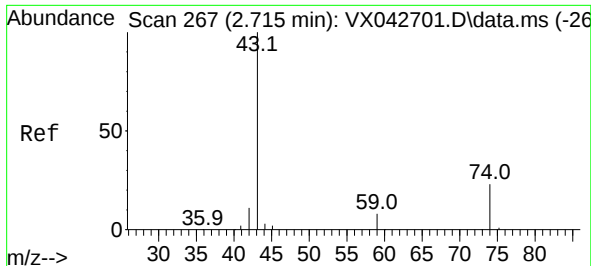
Tgt Ion: 76 Resp: 95431

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6





#15

Methyl Acetate

Concen: 45.213 ug/L

RT: 2.709 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

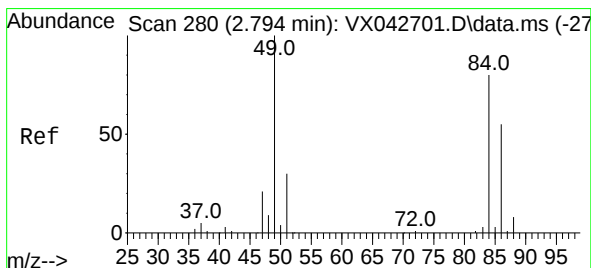
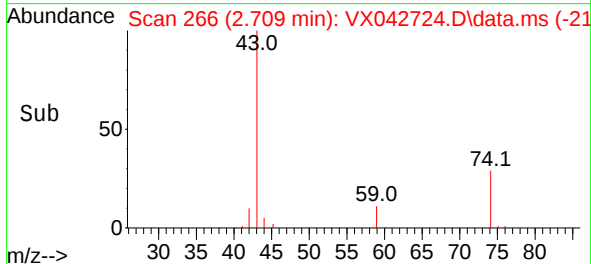
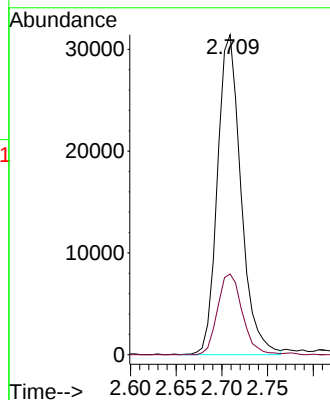
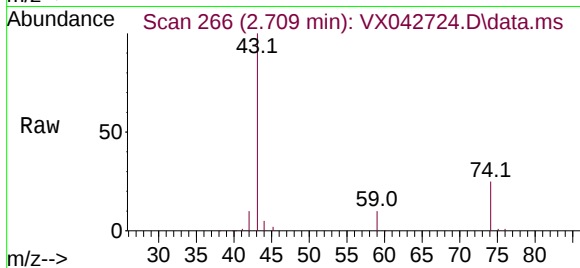
ClientSampleId :

Tgt Ion: 43 Resp: 56331

Ion Ratio Lower Upper

43 100

74 26.4 21.0 31.4



#16

Methylene chloride

Concen: 45.505 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

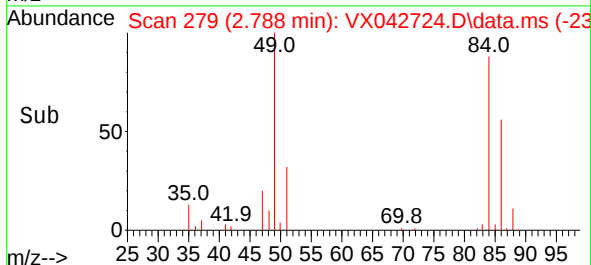
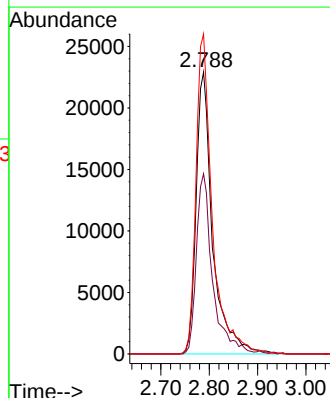
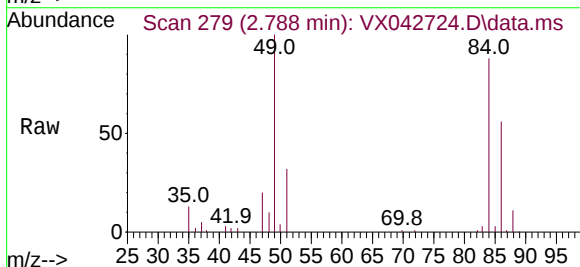
Tgt Ion: 84 Resp: 54253

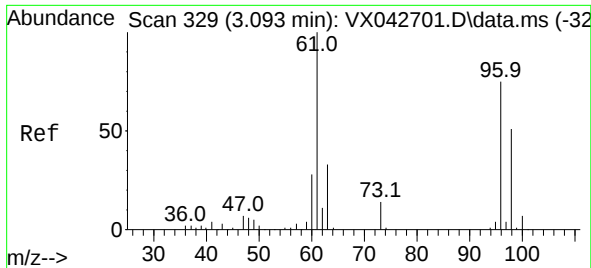
Ion Ratio Lower Upper

84 100

86 63.9 43.5 80.7

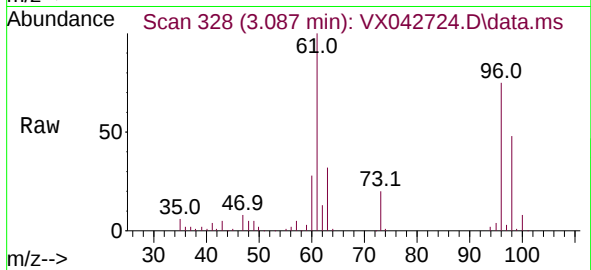
49 113.5 81.1 150.7



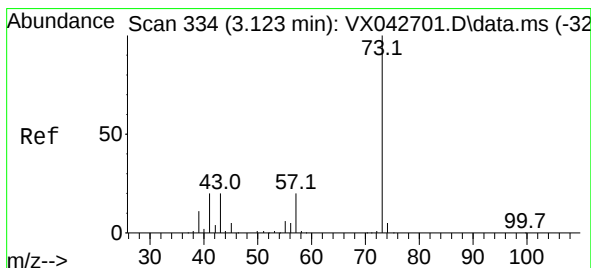
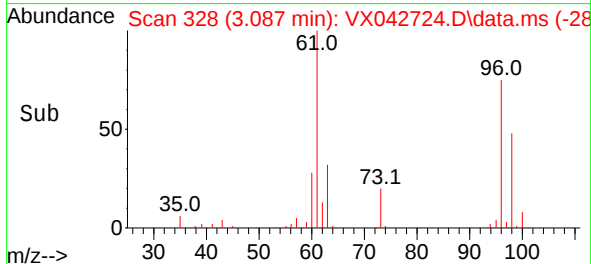
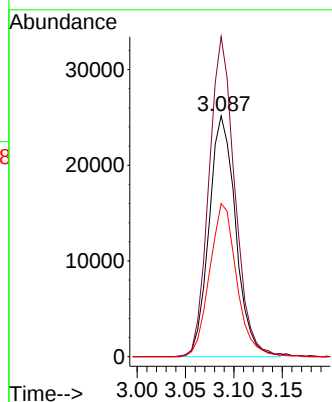


#17
trans-1,2-Dichloroethene
Concen: 45.593 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Instrument :
MSVOA_X
ClientSampleId :

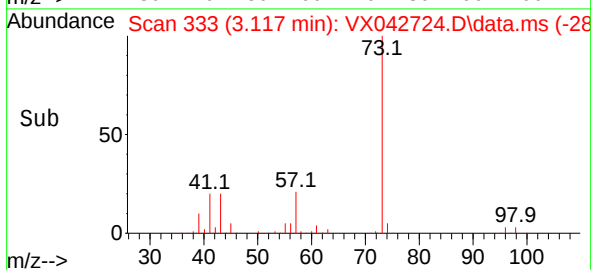
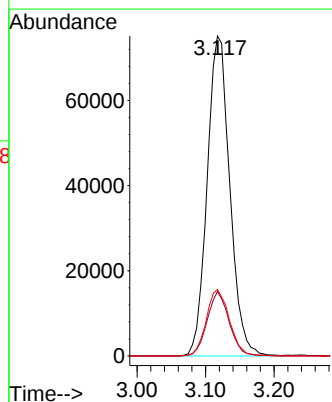
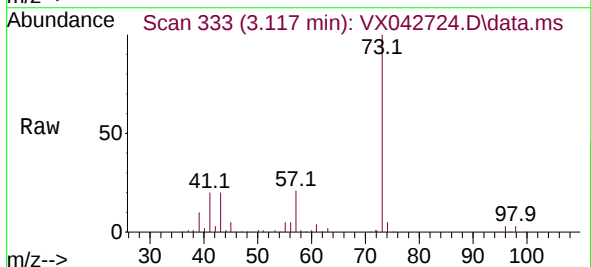


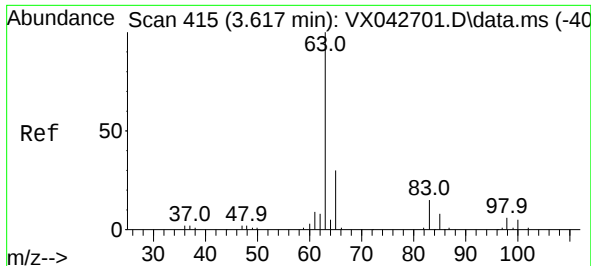
Tgt Ion: 96 Resp: 48304
Ion Ratio Lower Upper
96 100
61 132.9 99.3 184.3
98 63.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 47.063 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion: 73 Resp: 172825
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 21.2 16.9 25.3





#19

1,1-Dichloroethane

Concen: 45.054 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.012 min

Lab File: VX042724.D

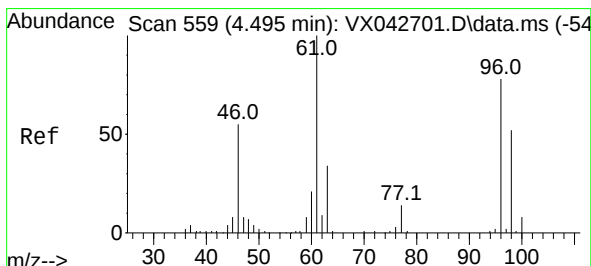
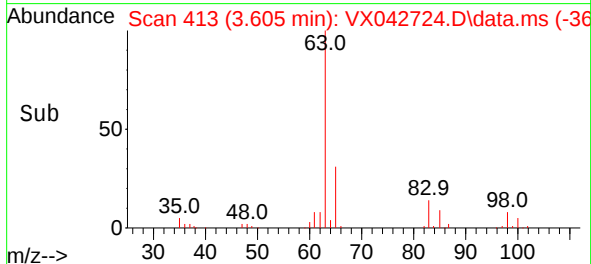
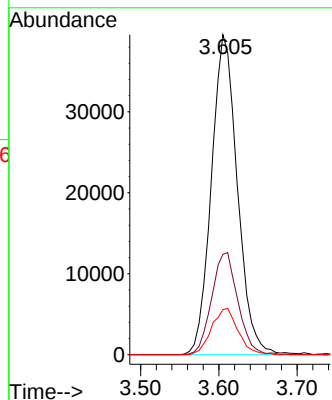
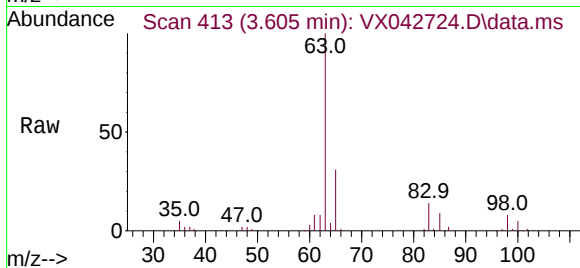
Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 91135
Ion Ratio	Lower Upper
63	100
65	31.3 23.6 43.8
83	14.1 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 89.337 ug/L

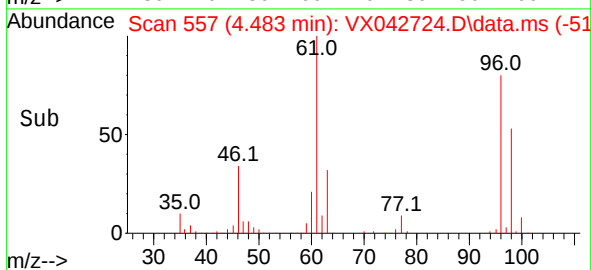
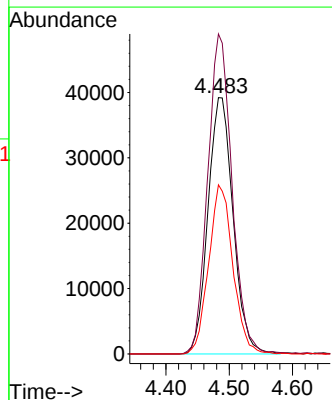
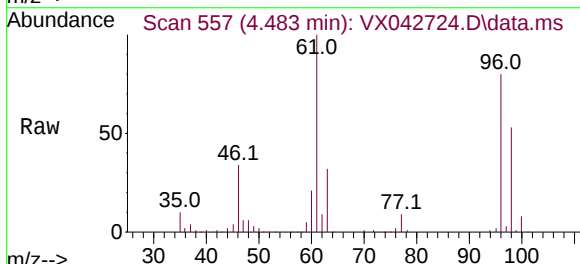
RT: 4.483 min Scan# 557

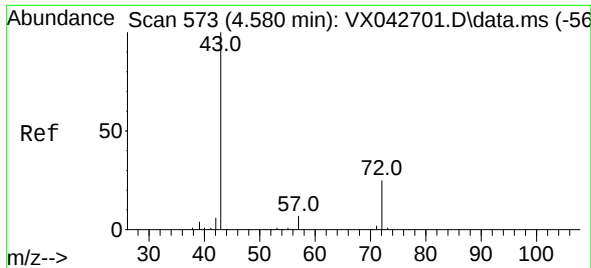
Delta R.T. -0.012 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Tgt Ion: 96	Resp: 108107
Ion Ratio	Lower Upper
96	100
61	124.9 85.3 158.3
98	66.0 42.7 79.3





#22

2-Butanone

Concen: 89.611 ug/L

RT: 4.568 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

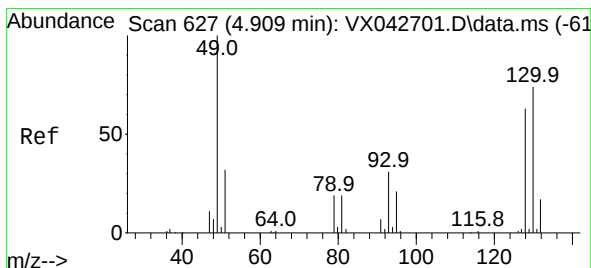
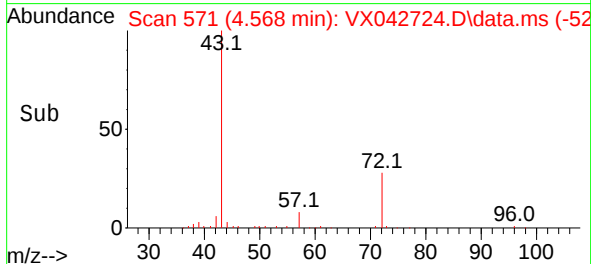
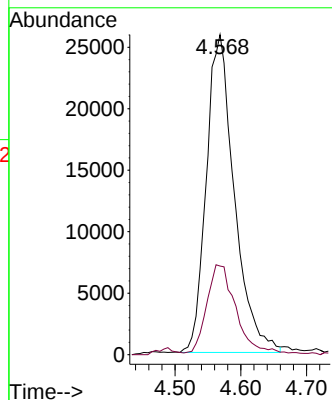
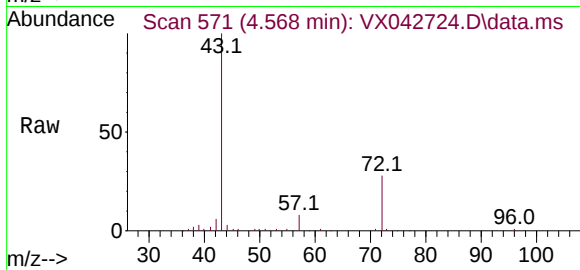
ClientSampleId :

Tgt Ion: 43 Resp: 76711

Ion Ratio Lower Upper

43 100

72 29.8 13.4 40.2



#23

Bromochloromethane

Concen: 48.029 ug/L

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Tgt Ion:128 Resp: 27522

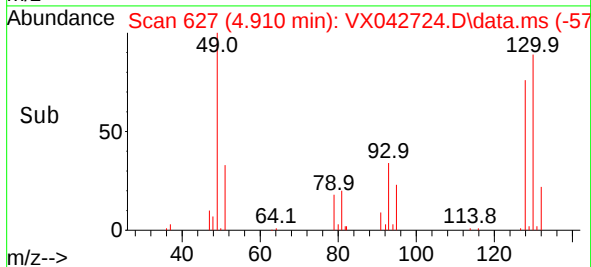
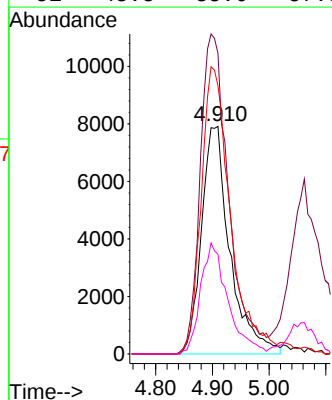
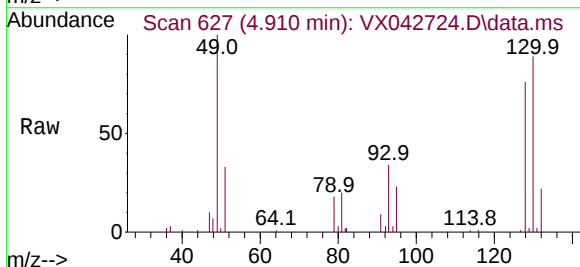
Ion Ratio Lower Upper

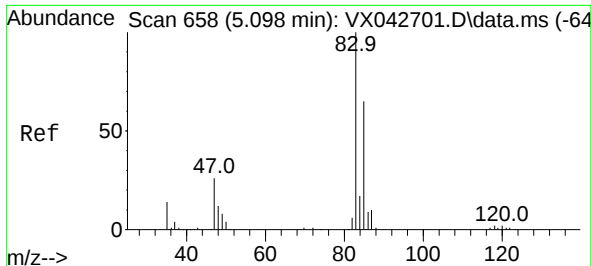
128 100

49 132.1 107.0 198.6

130 117.9 85.5 158.9

51 43.8 38.6 57.8





#25

Chloroform

Concen: 46.597 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

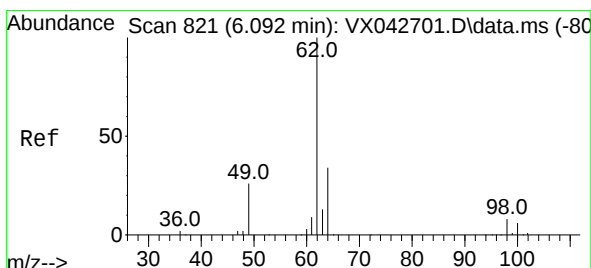
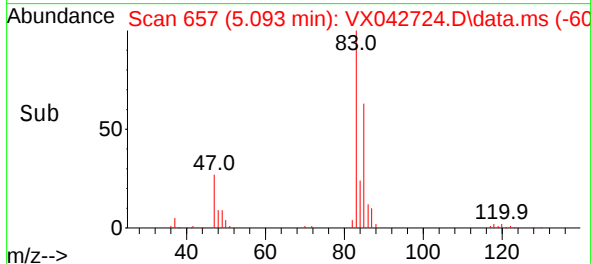
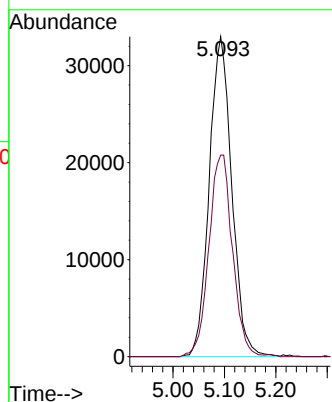
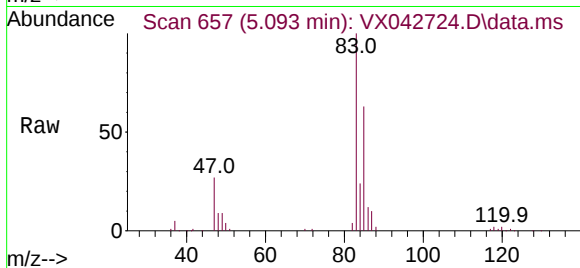
ClientSampleId :

Tgt Ion: 83 Resp: 100502

Ion Ratio Lower Upper

83 100

85 63.0 44.3 82.3



#27

1,2-Dichloroethane

Concen: 49.106 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX042724.D

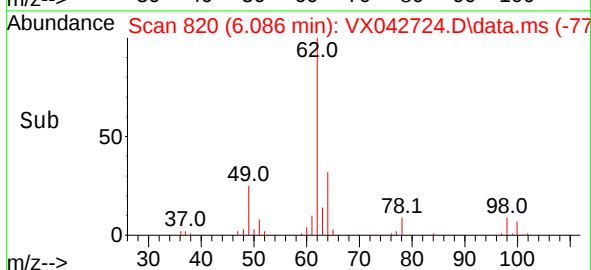
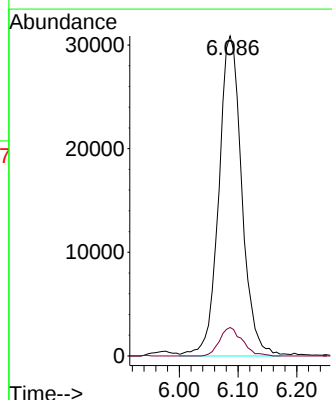
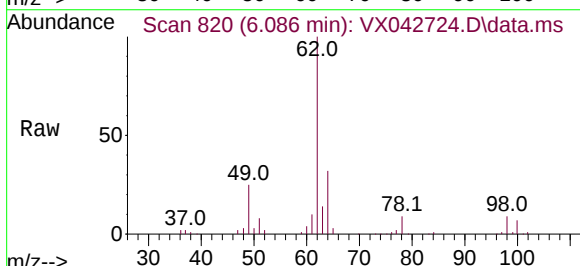
Acq: 30 Jul 2024 04:12

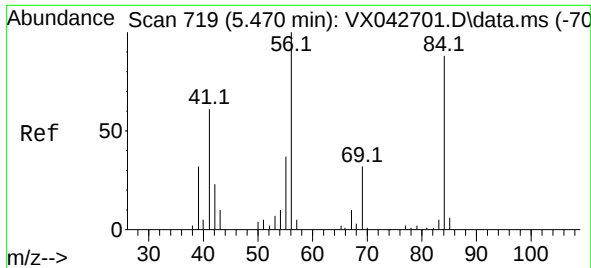
Tgt Ion: 62 Resp: 84118

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7

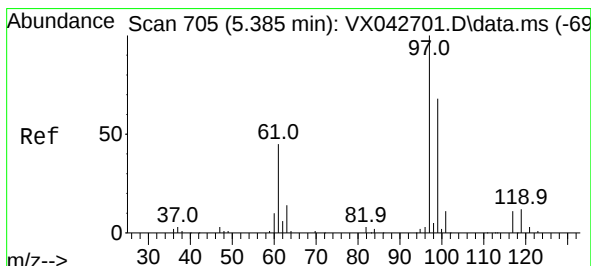
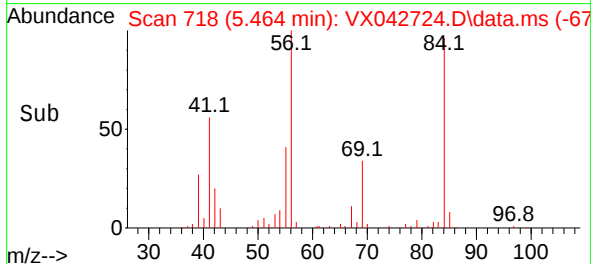
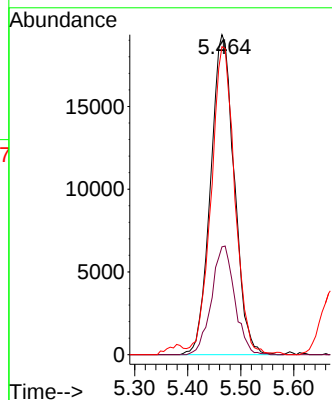
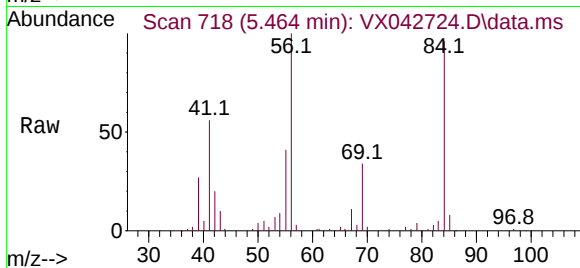




#29
Cyclohexane
Concen: 36.164 ug/L
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

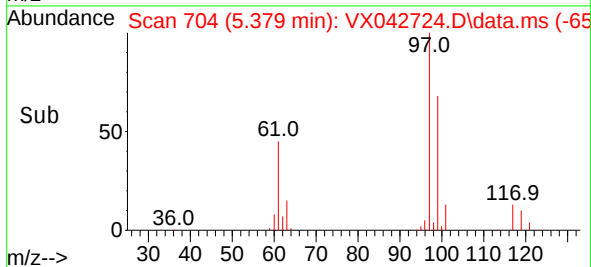
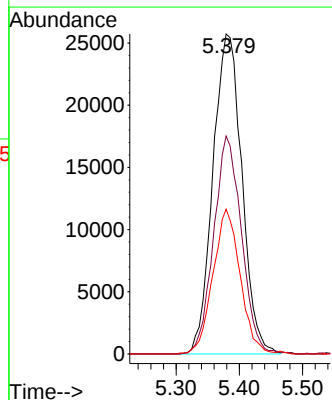
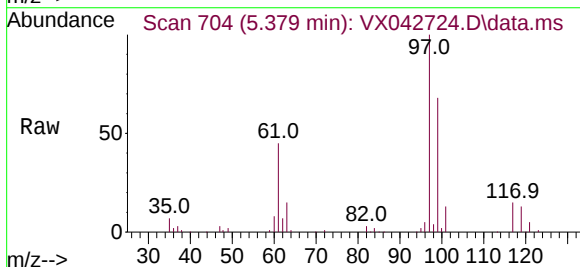
Instrument :
MSVOA_X
ClientSampleId :

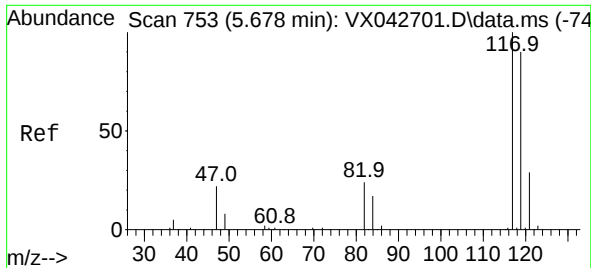
Tgt Ion: 56 Resp: 60164
Ion Ratio Lower Upper
56 100
69 33.0 26.1 39.1
84 95.0 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 45.482 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion: 97 Resp: 81755
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 42.0 34.4 51.6

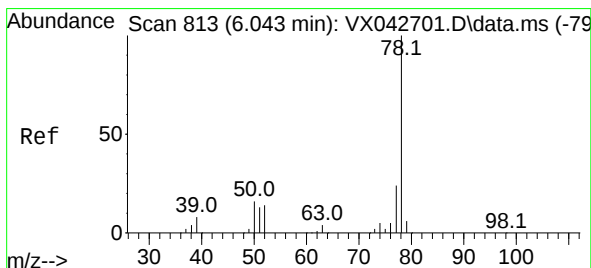
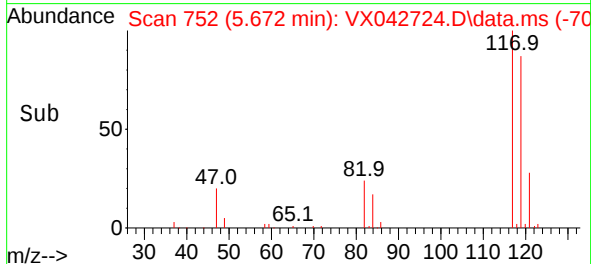
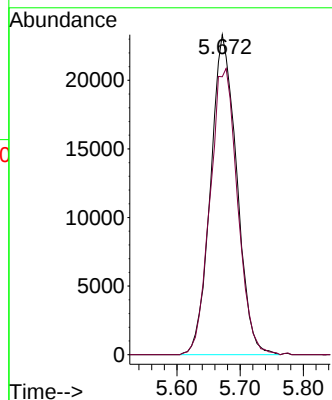
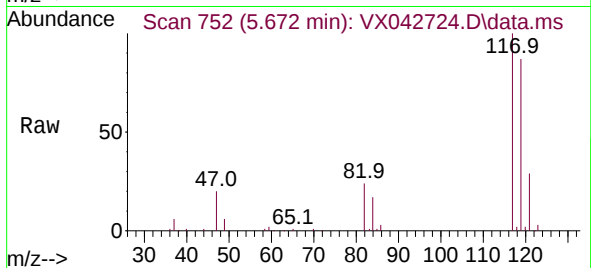




#31
Carbon tetrachloride
Concen: 44.027 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

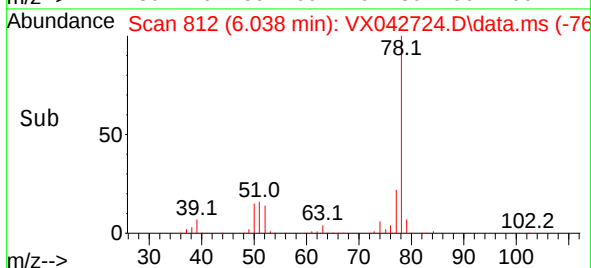
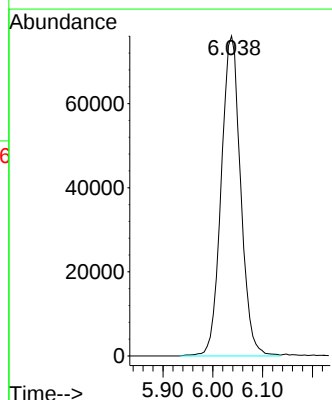
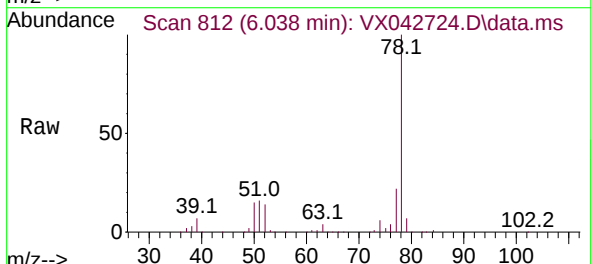
Instrument :
MSVOA_X
ClientSampleId :

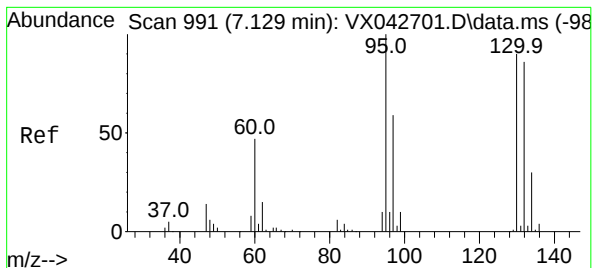
Tgt Ion:117 Resp: 66846
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.2



#33
Benzene
Concen: 47.799 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion: 78 Resp: 205853





#34

Trichloroethene

Concen: 527.157 ug/L

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 606538

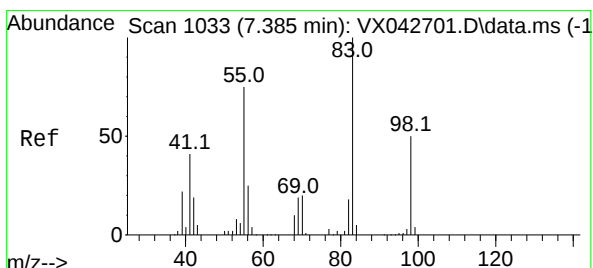
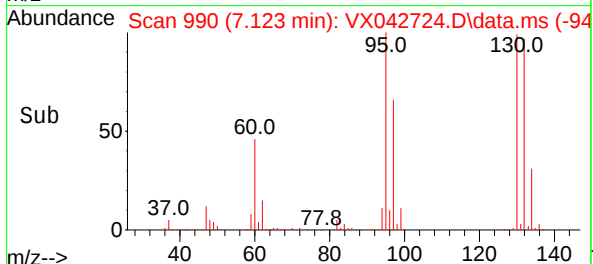
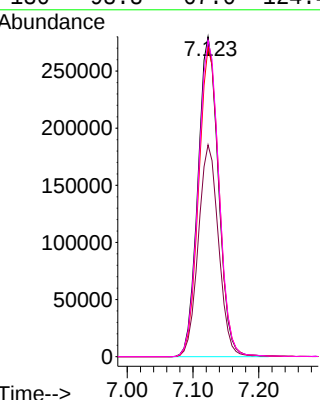
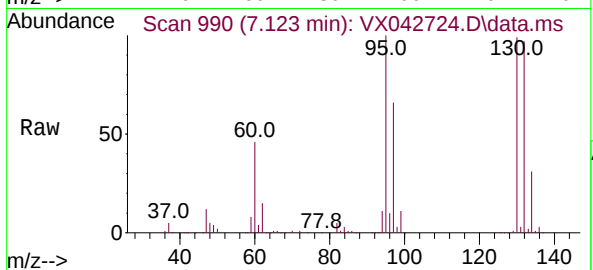
Ion Ratio Lower Upper

95 100

97 66.2 46.3 86.1

132 96.7 64.3 119.5

130 98.8 67.0 124.4



#35

Methylcyclohexane

Concen: 33.686 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

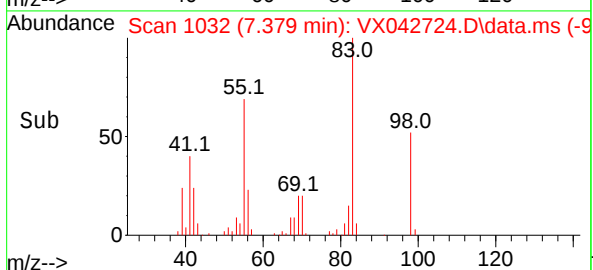
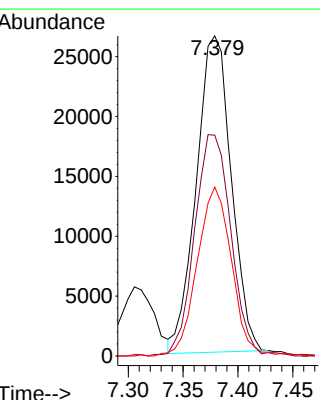
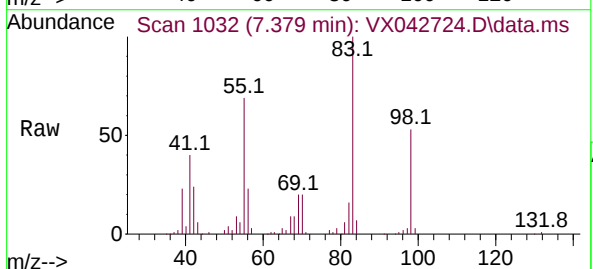
Tgt Ion: 83 Resp: 58663

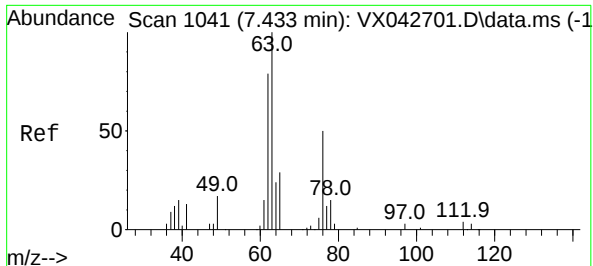
Ion Ratio Lower Upper

83 100

55 71.4 58.2 87.2

98 52.1 38.5 57.7

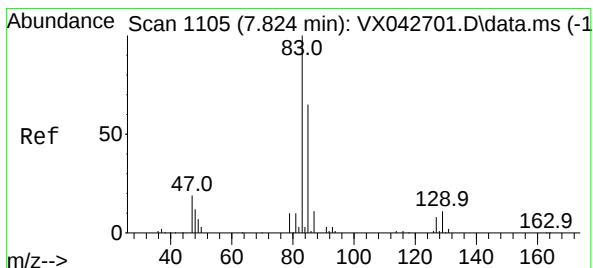
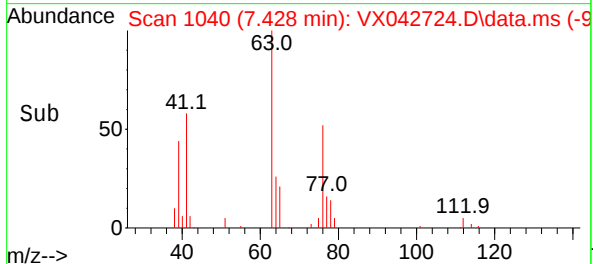
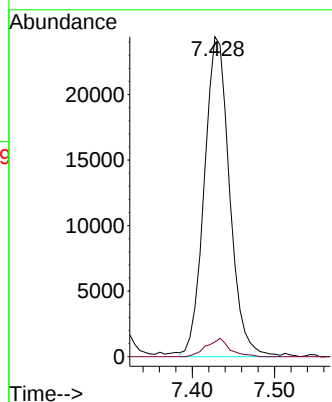
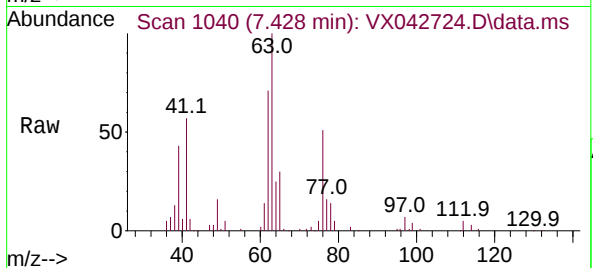




#37
1,2-Dichloropropane
Concen: 46.683 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

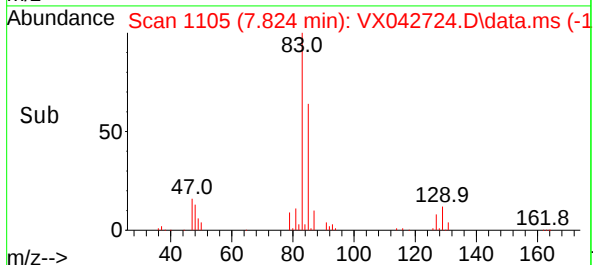
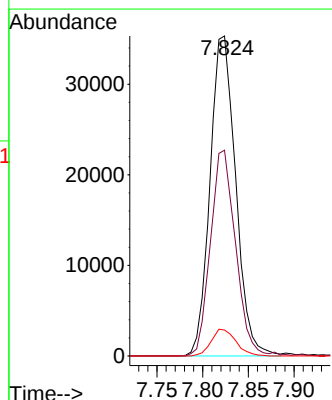
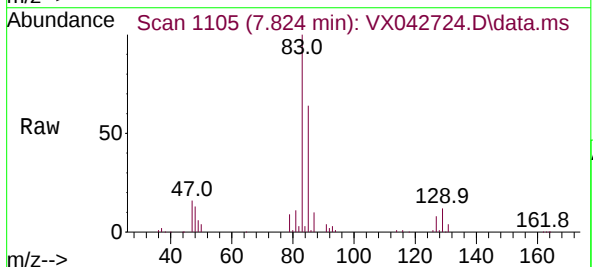
Instrument :
MSVOA_X
ClientSampleId :

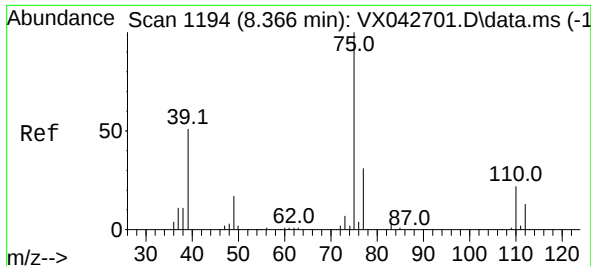
Tgt Ion: 63 Resp: 52250
Ion Ratio Lower Upper
63 100
112 5.2 3.7 5.5



#38
Bromodichloromethane
Concen: 47.697 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion: 83 Resp: 68999
Ion Ratio Lower Upper
83 100
85 64.3 43.7 81.1
127 8.1 6.5 9.7

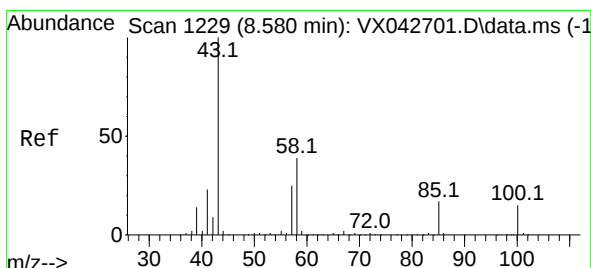
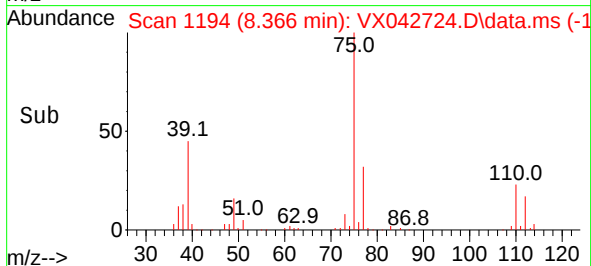
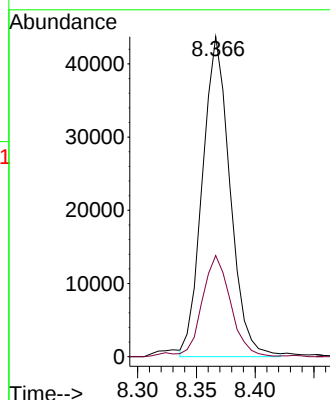
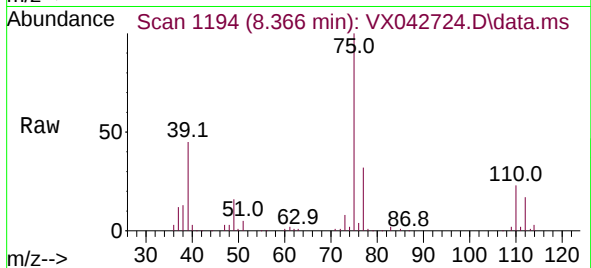




#39
 cis-1,3-Dichloropropene
 Concen: 41.695 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX042724.D
 Acq: 30 Jul 2024 04:12

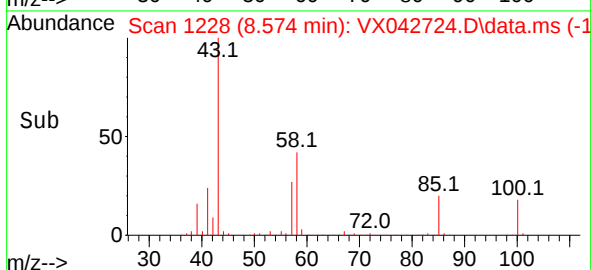
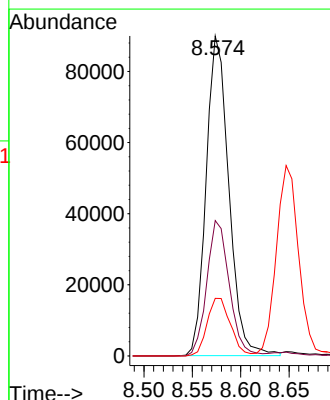
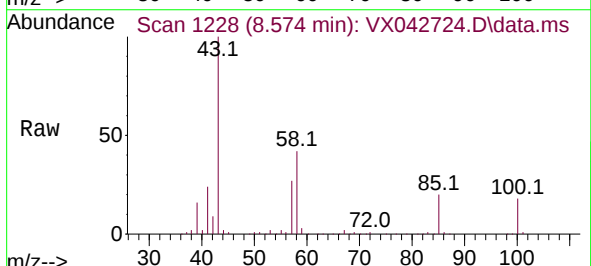
Instrument :
 MSVOA_X
 ClientSampleId :

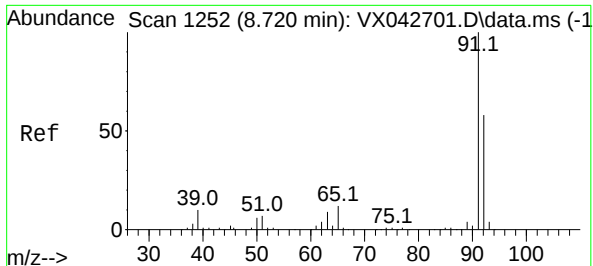
Tgt Ion: 75 Resp: 71633
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 95.203 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: VX042724.D
 Acq: 30 Jul 2024 04:12

Tgt Ion: 43 Resp: 146605
 Ion Ratio Lower Upper
 43 100
 58 42.0 32.4 48.6
 100 18.5 13.4 20.0





#42

Toluene

Concen: 46.887 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

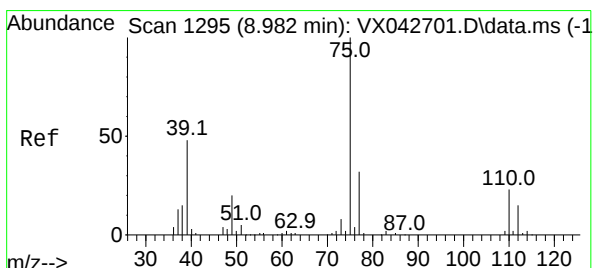
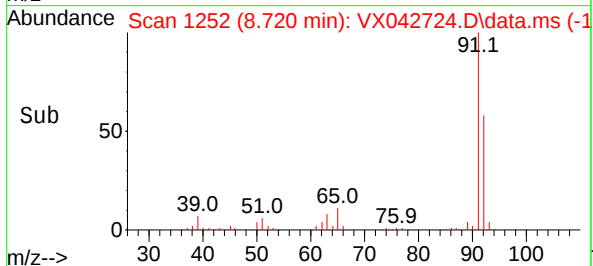
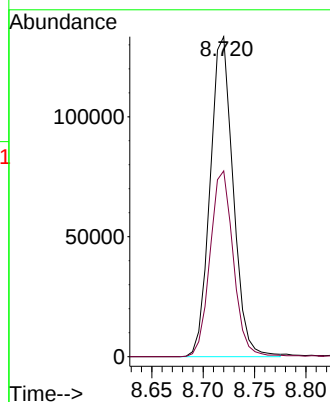
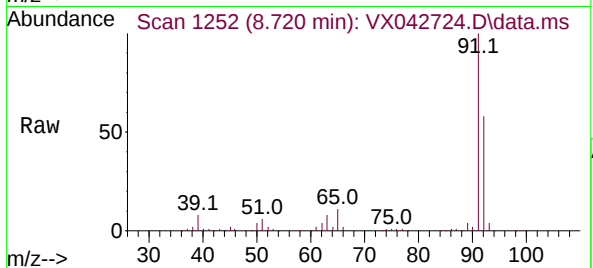
ClientSampleId :

Tgt Ion: 91 Resp: 207976

Ion Ratio Lower Upper

91 100

92 58.1 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 43.325 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX042724.D

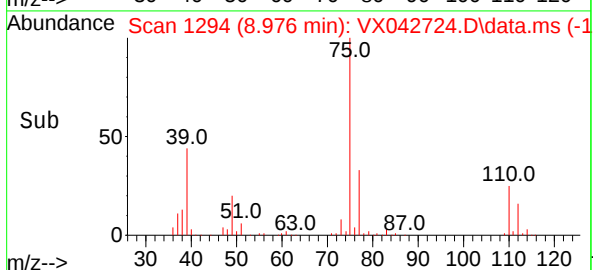
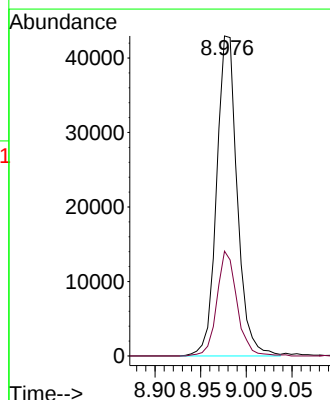
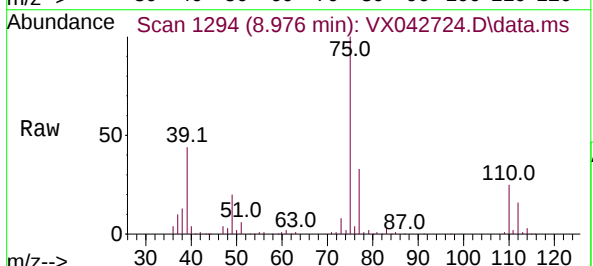
Acq: 30 Jul 2024 04:12

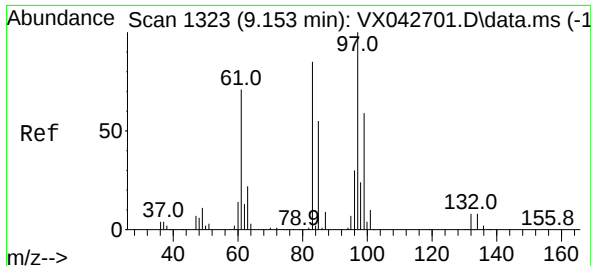
Tgt Ion: 75 Resp: 67472

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8

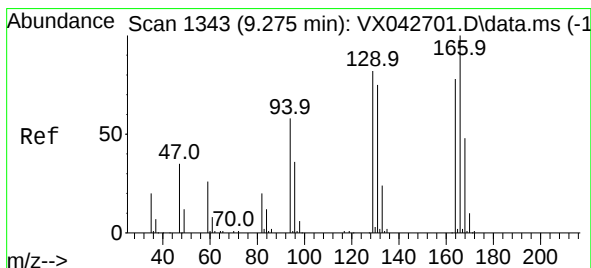
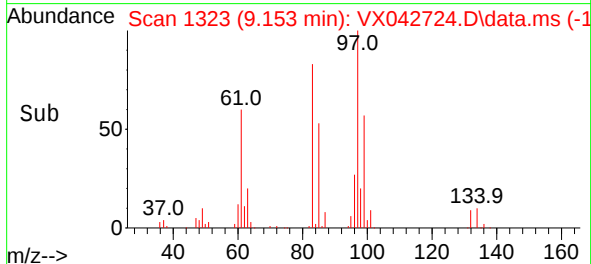
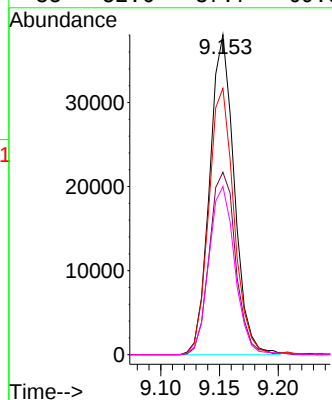
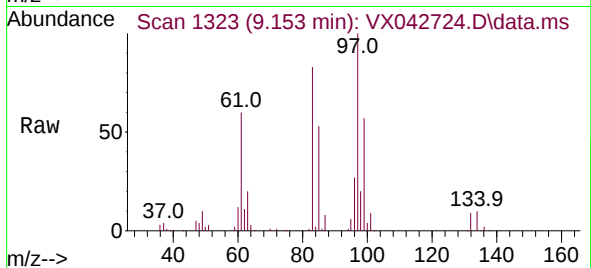




#45
1,1,2-Trichloroethane
Concen: 49.098 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

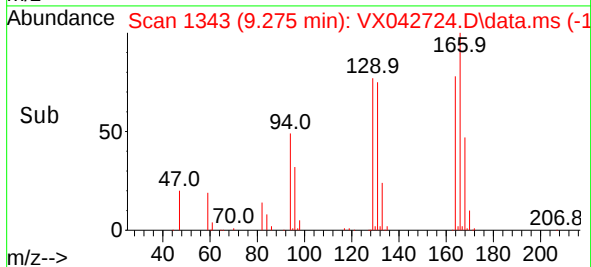
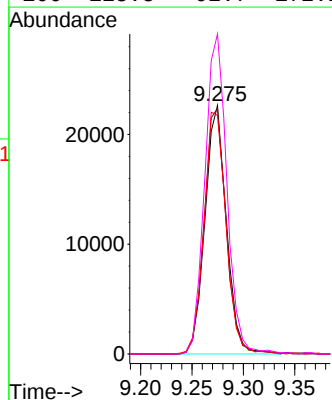
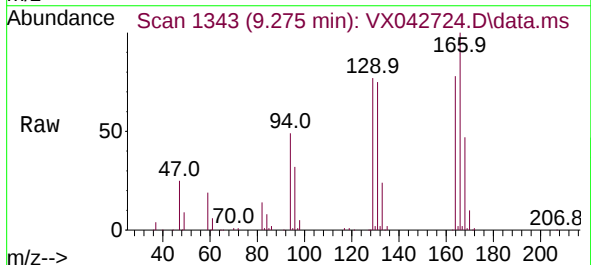
Instrument :
MSVOA_X
ClientSampleId :

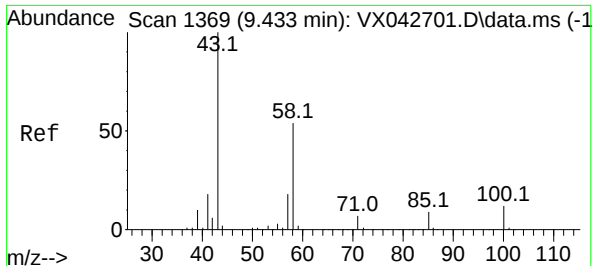
Tgt Ion: 97	Resp: 55503
Ion Ratio	Lower Upper
97 100	
99 57.0	42.6 79.2
83 83.2	59.3 110.1
85 52.6	37.7 69.9



#46
Tetrachloroethene
Concen: 41.871 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt	Ion:164	Resp:	32855
Ion	Ratio	Lower	Upper
164	100		
129	98.9	74.2	137.8
131	96.0	66.9	124.3
166	128.8	92.7	172.1





#48

2-Hexanone

Concen: 95.127 ug/L

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

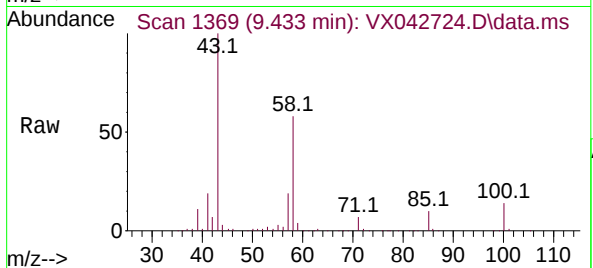
Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 113928

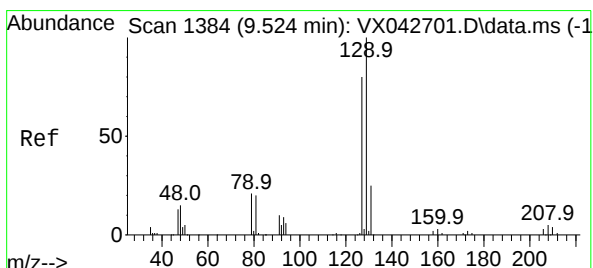
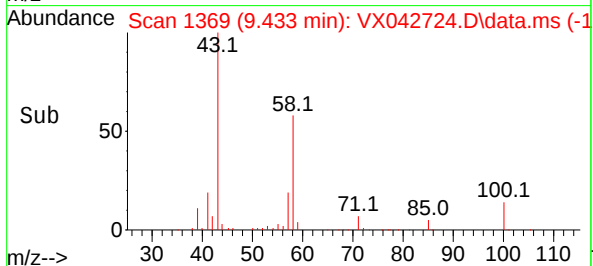
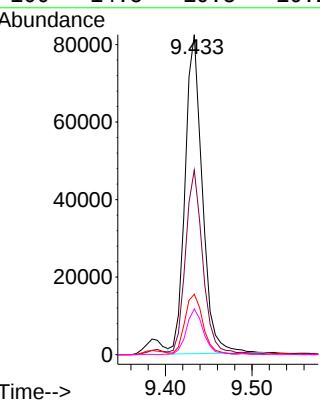
Ion Ratio Lower Upper

43 100

58 56.8 44.9 67.3

57 20.3 15.8 23.6

100 14.5 10.8 16.2



#49

Dibromochloromethane

Concen: 48.300 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX042724.D

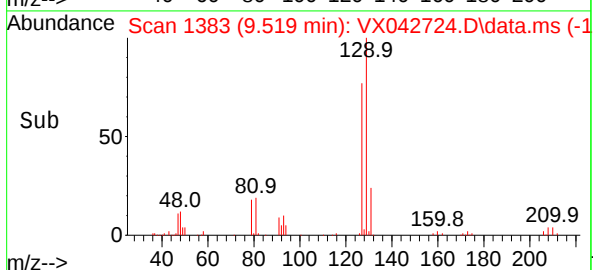
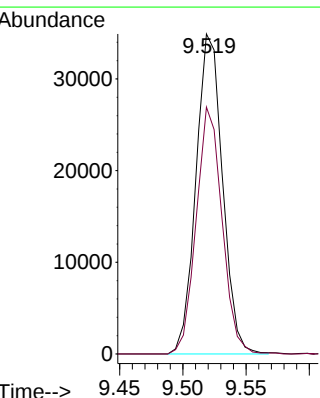
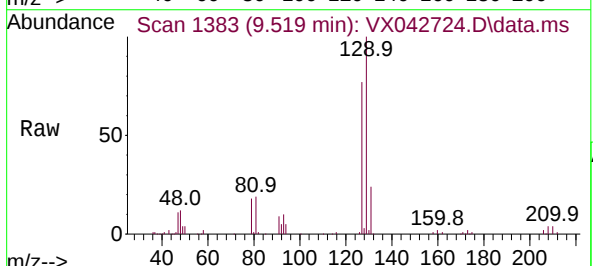
Acq: 30 Jul 2024 04:12

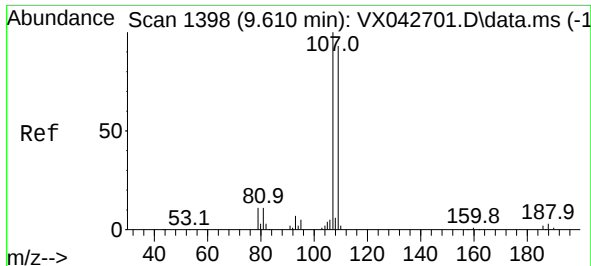
Tgt Ion:129 Resp: 50986

Ion Ratio Lower Upper

129 100

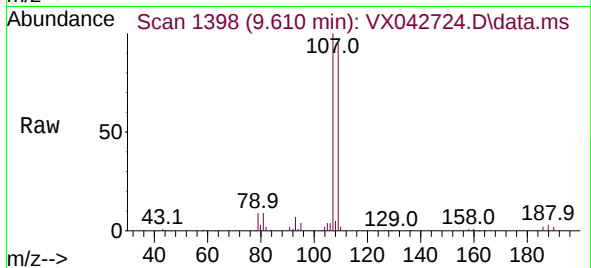
127 77.2 57.4 106.6



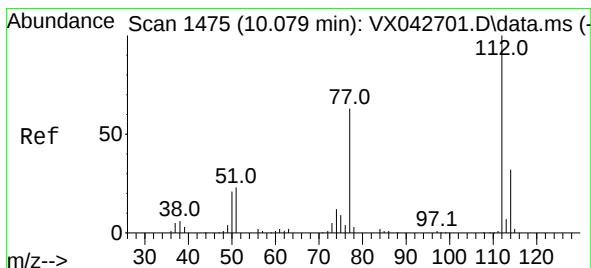
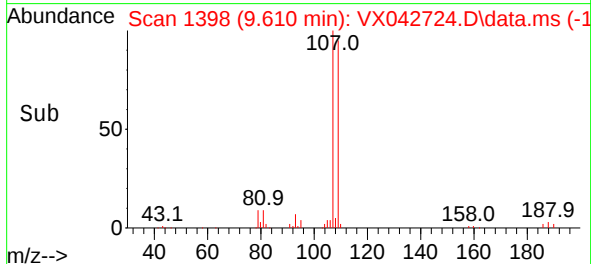
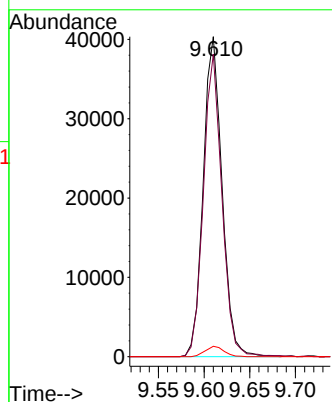


#50
1,2-Dibromoethane
Concen: 49.140 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Instrument :
MSVOA_X
ClientSampleId :

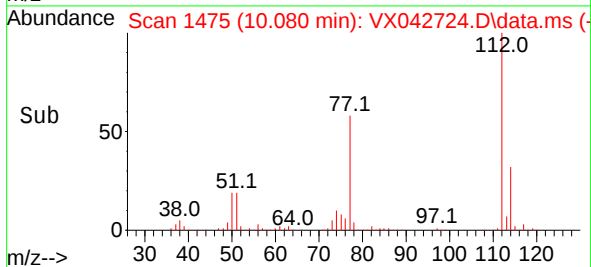
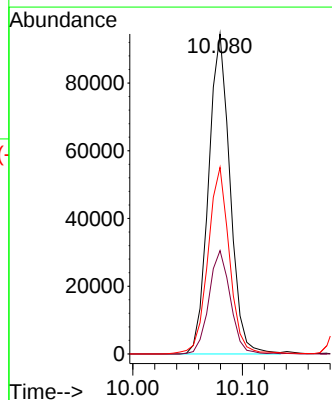
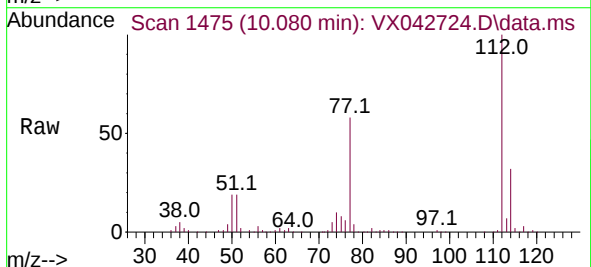


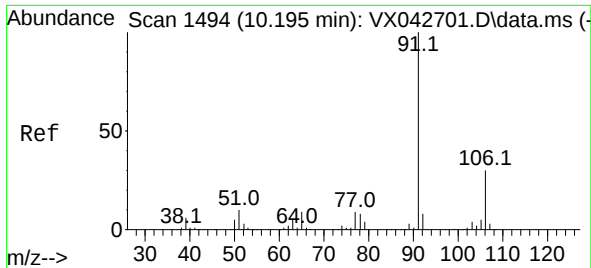
Tgt Ion:107 Resp: 57775
Ion Ratio Lower Upper
107 100
109 94.6 65.4 121.4
188 3.3 2.2 3.2#



#51
Chlorobenzene
Concen: 44.816 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion:112 Resp: 128551
Ion Ratio Lower Upper
112 100
114 32.3 23.2 43.2
77 58.3 46.3 69.5





#52

Ethylbenzene

Concen: 44.035 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

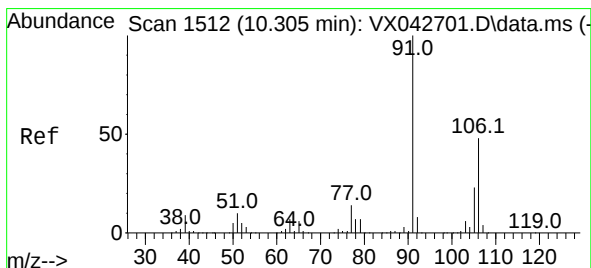
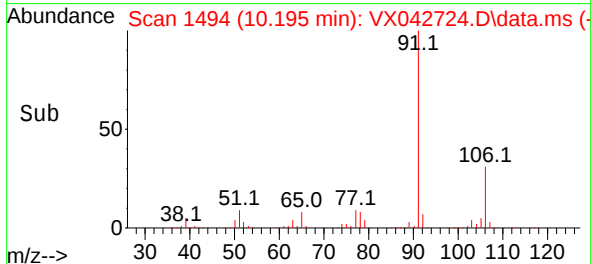
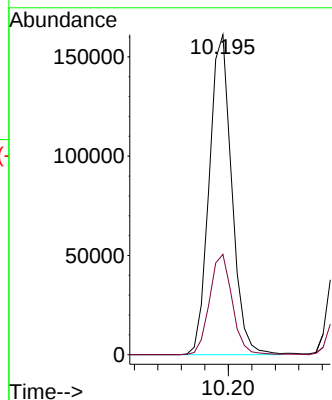
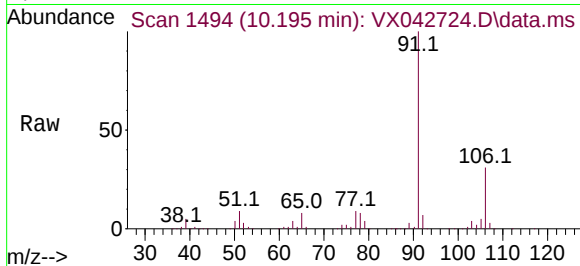
ClientSampleId :

Tgt Ion: 91 Resp: 214235

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.4



#53

m,p-Xylene

Concen: 45.347 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX042724.D

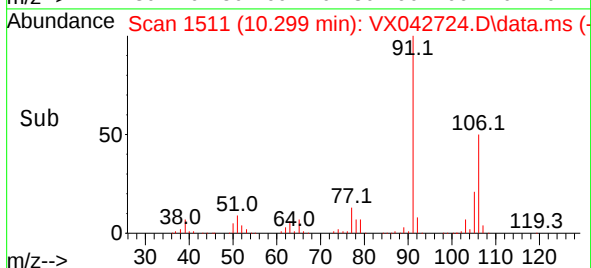
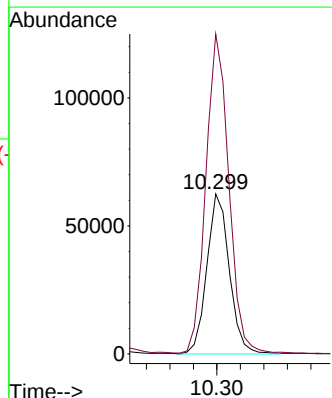
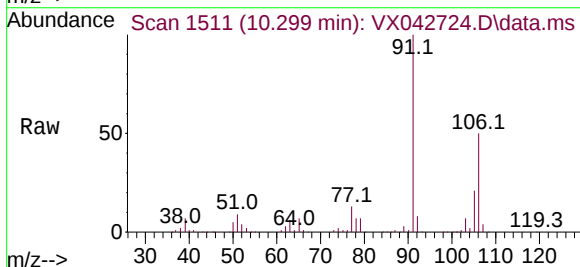
Acq: 30 Jul 2024 04:12

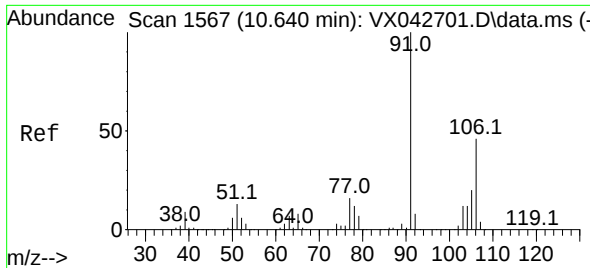
Tgt Ion:106 Resp: 83112

Ion Ratio Lower Upper

106 100

91 200.0 146.8 272.6

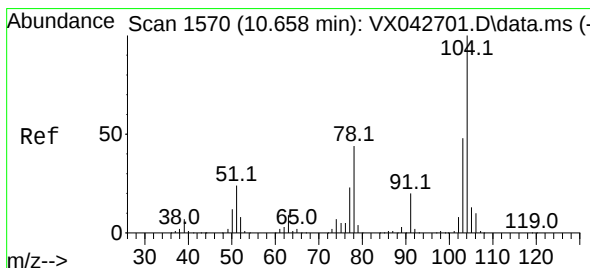
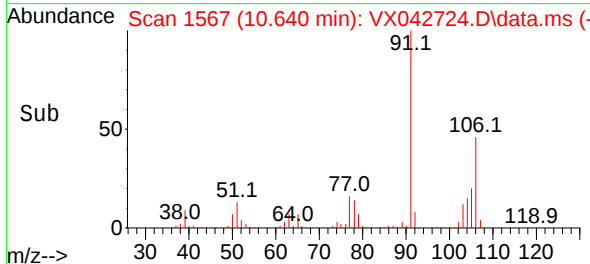
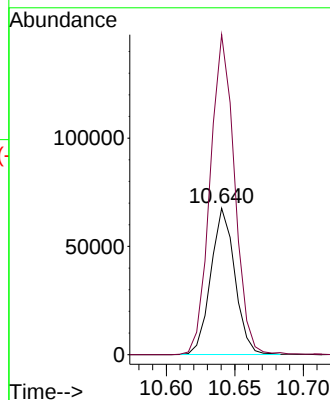
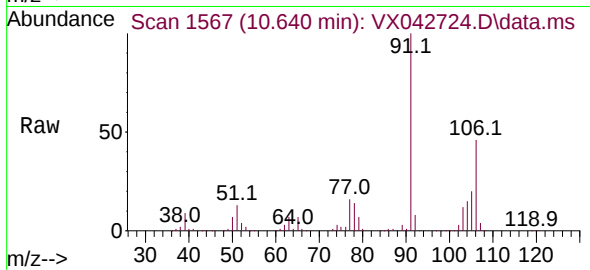




#54
o-Xylene
Concen: 45.279 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

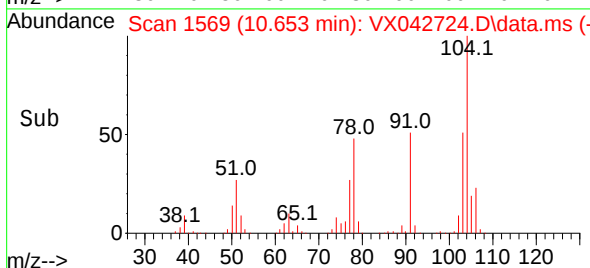
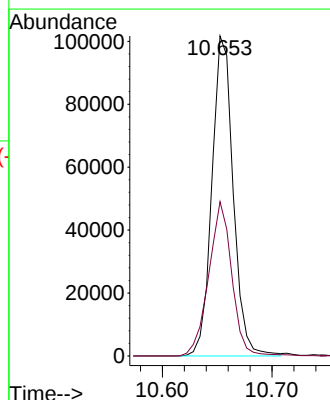
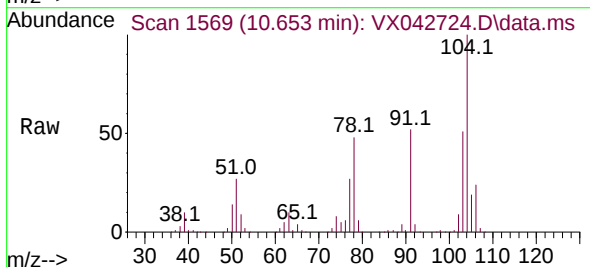
Instrument :
MSVOA_X
ClientSampleId :

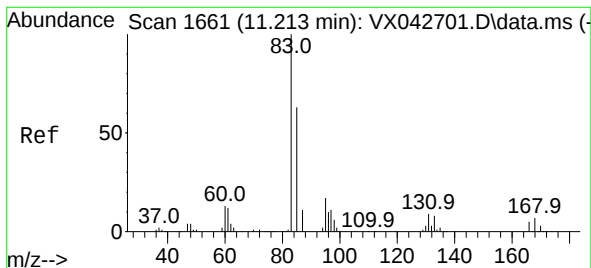
Tgt Ion:106 Resp: 82552
Ion Ratio Lower Upper
106 100
91 218.7 154.6 287.2



#55
Styrene
Concen: 45.147 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042724.D
Acq: 30 Jul 2024 04:12

Tgt Ion:104 Resp: 137212
Ion Ratio Lower Upper
104 100
78 48.2 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 47.290 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :

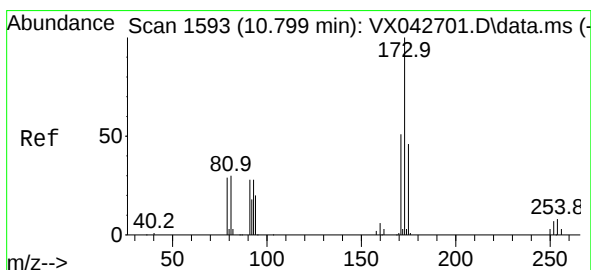
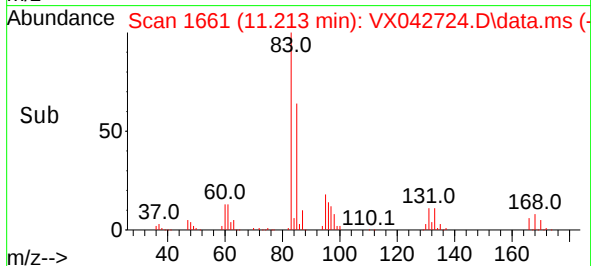
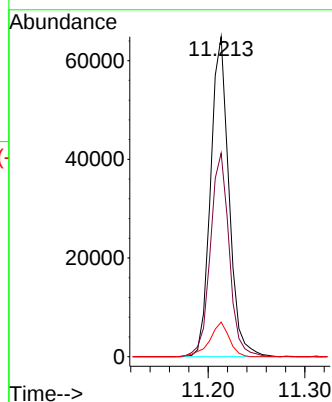
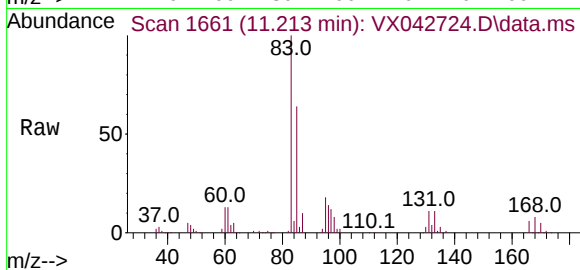
Tgt Ion: 83 Resp: 85490

Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.5

131 10.8 8.6 13.0



#59

Bromoform

Concen: 48.011 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

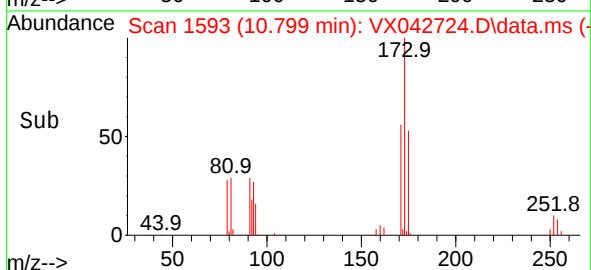
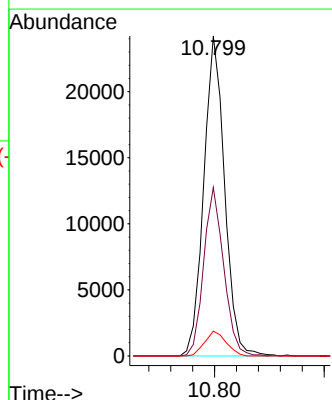
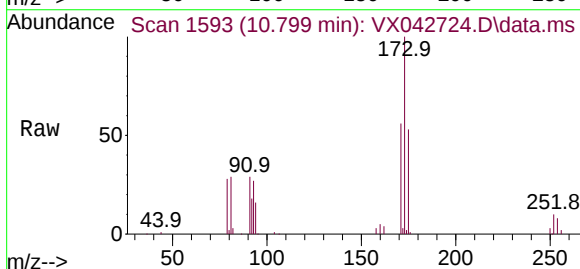
Tgt Ion:173 Resp: 31945

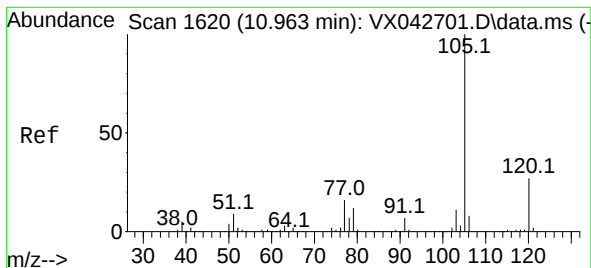
Ion Ratio Lower Upper

173 100

175 50.6 37.4 56.2

254 8.0 6.8 10.2





#60

Isopropylbenzene

Concen: 45.884 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :

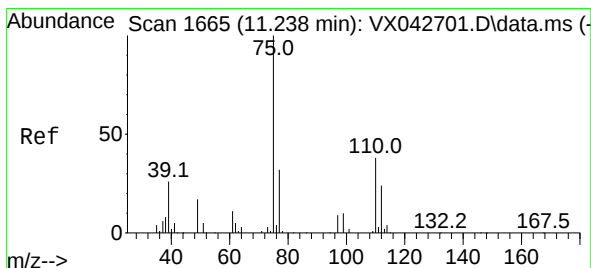
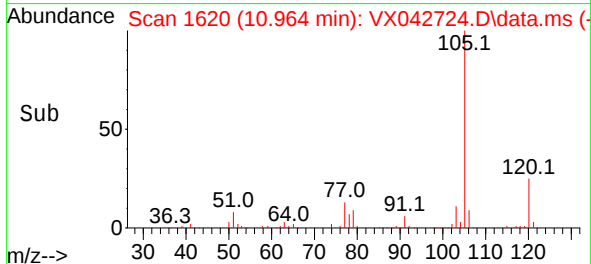
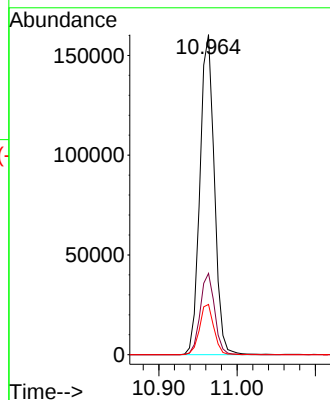
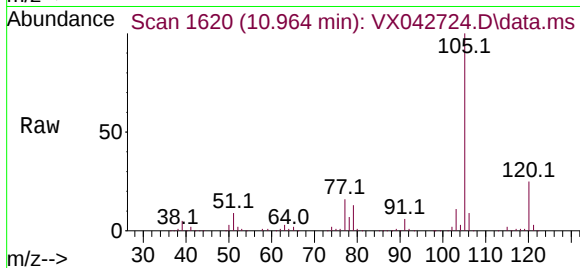
Tgt Ion:105 Resp: 205560

Ion Ratio Lower Upper

105 100

120 25.3 21.0 31.6

77 15.6 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 49.362 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

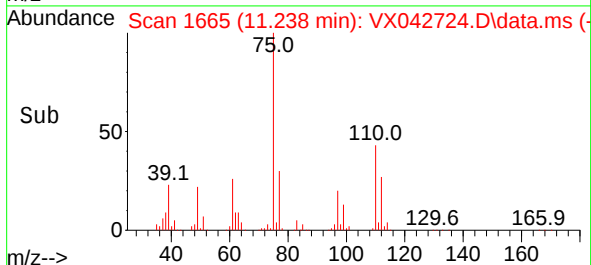
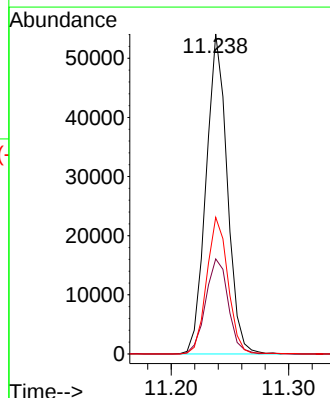
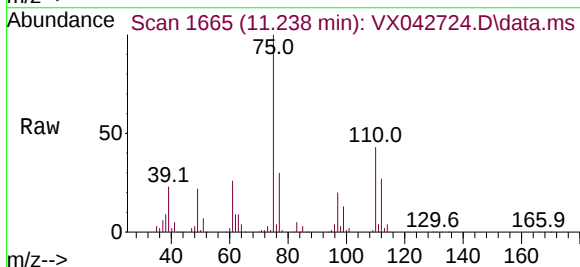
Tgt Ion: 75 Resp: 67708

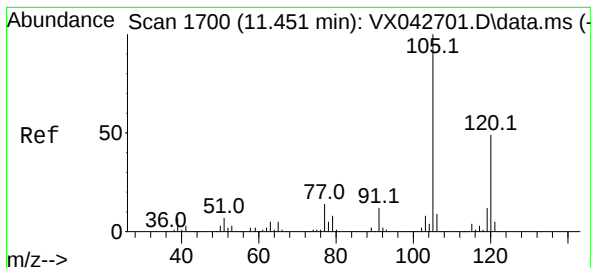
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.4

110 42.9 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 44.275 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

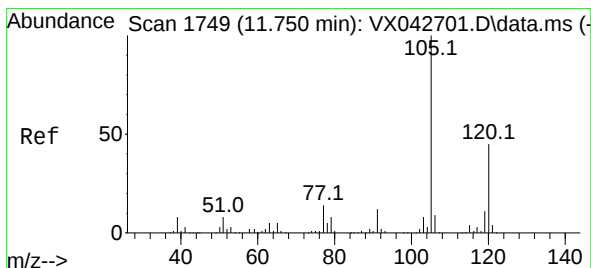
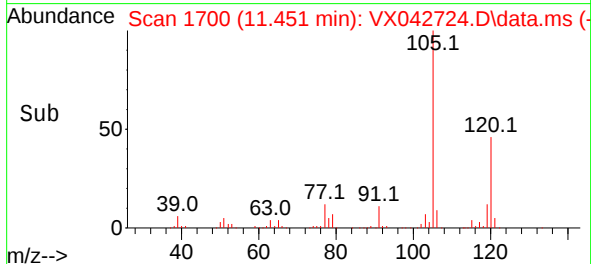
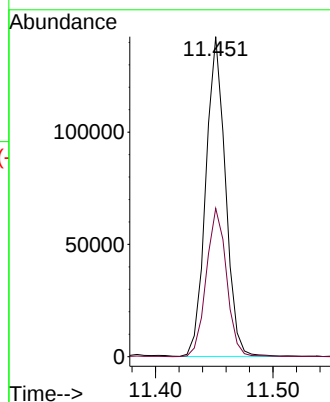
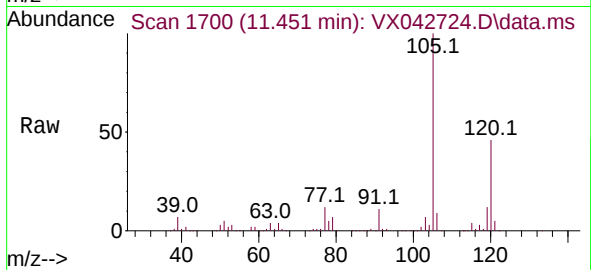
ClientSampleId :

Tgt Ion:105 Resp: 164964

Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 44.723 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042724.D

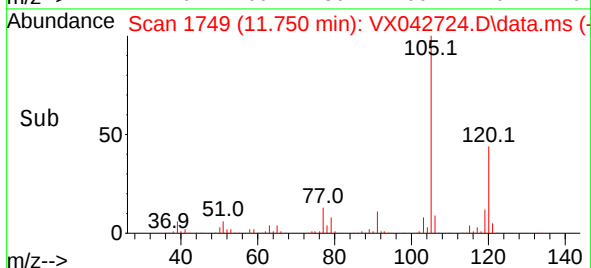
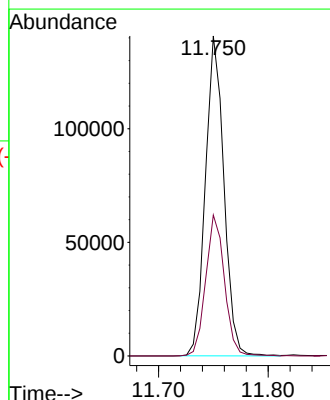
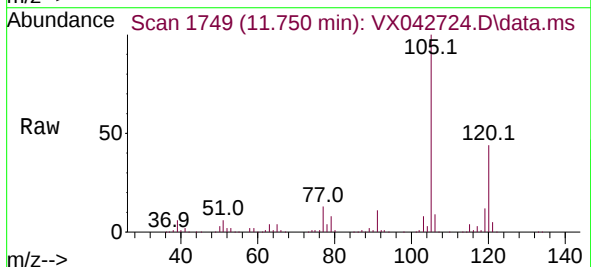
Acq: 30 Jul 2024 04:12

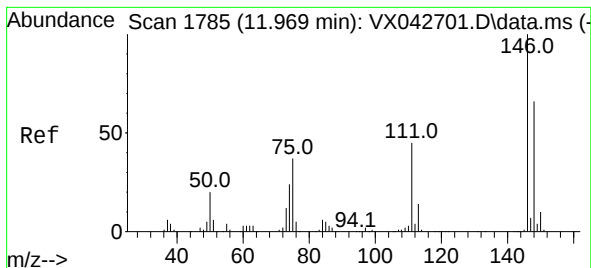
Tgt Ion:105 Resp: 164534

Ion Ratio Lower Upper

105 100

120 44.7 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 41.996 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :

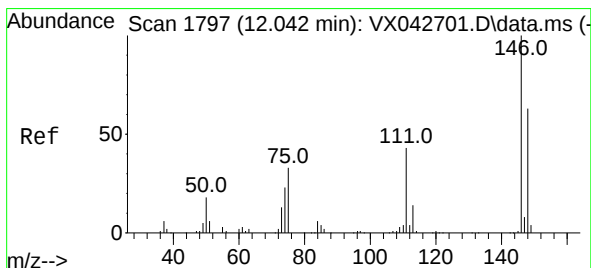
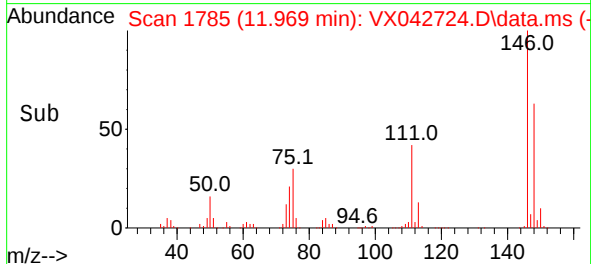
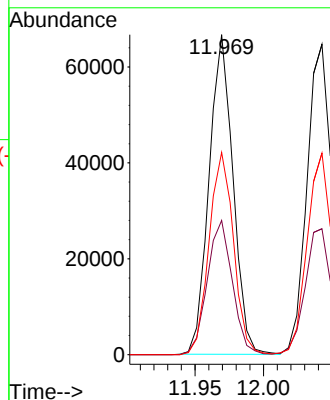
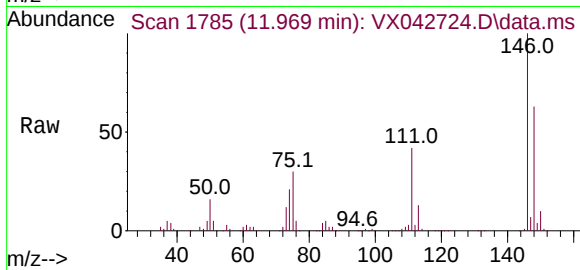
Tgt Ion:146 Resp: 80915

Ion Ratio Lower Upper

146 100

111 42.0 30.4 56.5

148 63.2 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 42.478 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

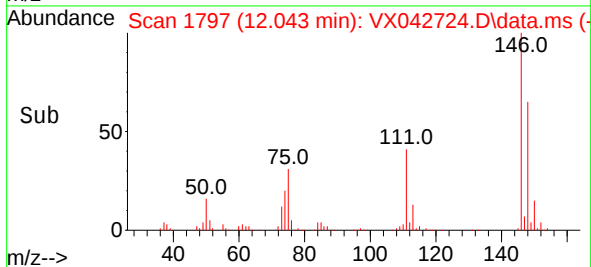
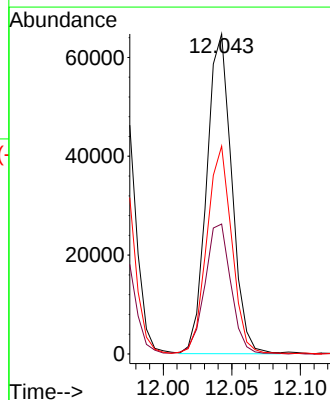
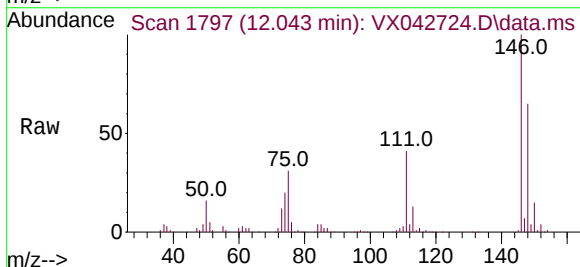
Tgt Ion:146 Resp: 82434

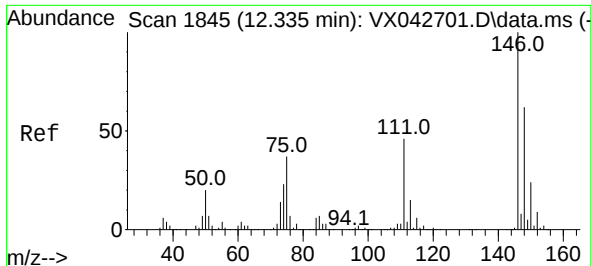
Ion Ratio Lower Upper

146 100

111 40.6 27.9 51.7

148 65.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 45.116 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :

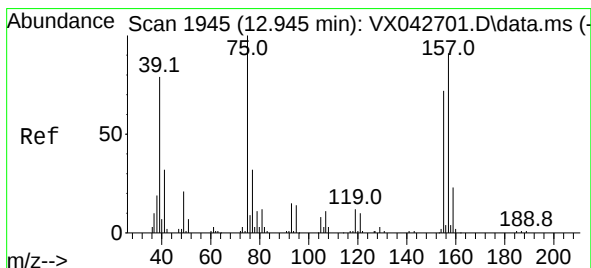
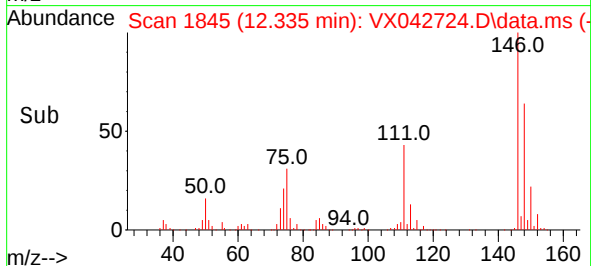
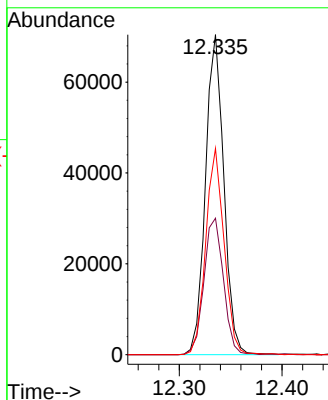
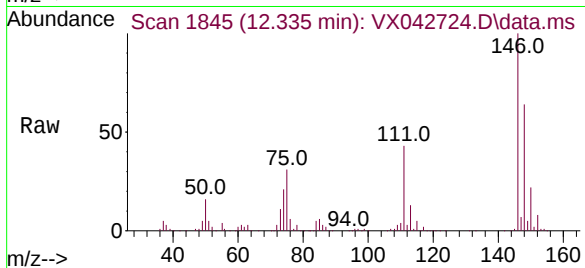
Tgt Ion:146 Resp: 87533

Ion Ratio Lower Upper

146 100

111 42.6 35.3 52.9

148 64.5 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 46.943 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

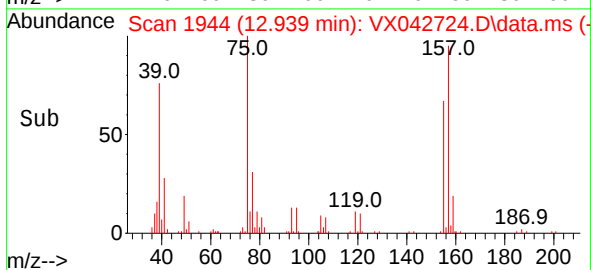
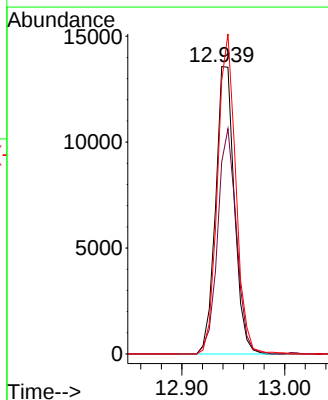
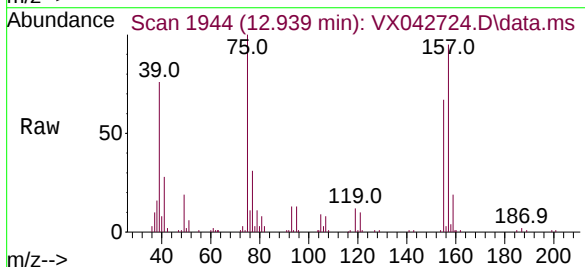
Tgt Ion: 75 Resp: 17154

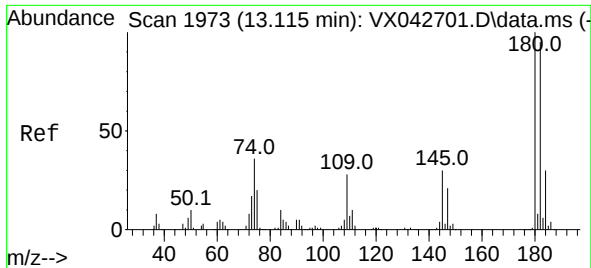
Ion Ratio Lower Upper

75 100

155 66.8 65.1 97.7

157 95.1 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 36.550 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

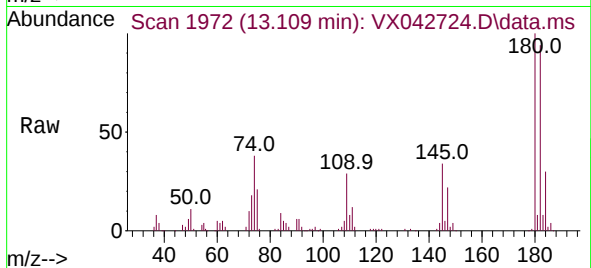
Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 43680

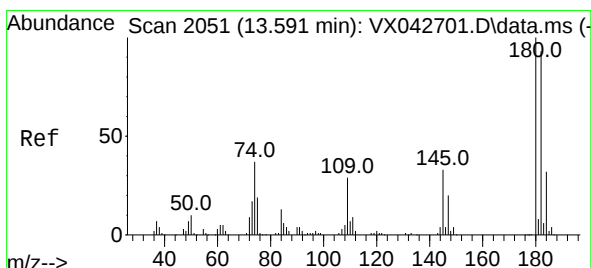
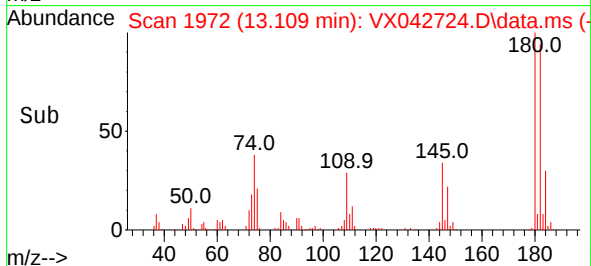
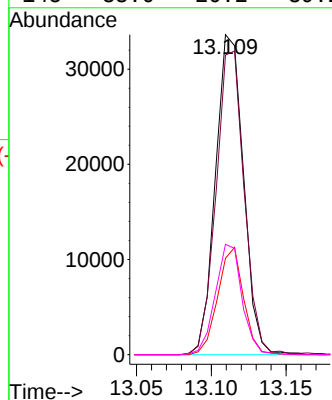
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

184 31.0 23.4 35.0

145 33.0 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 37.103 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

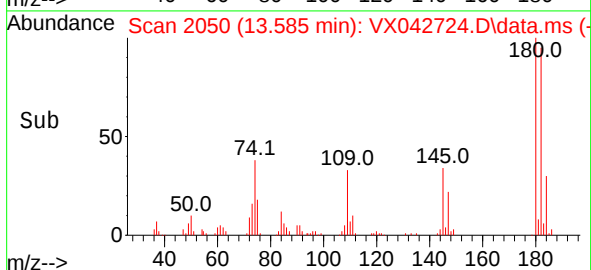
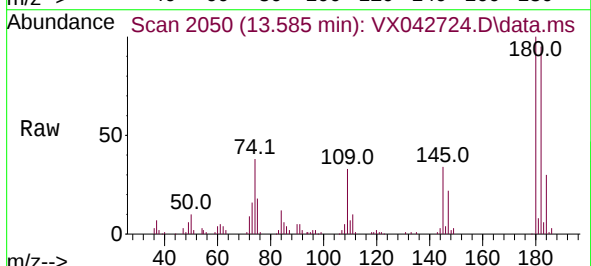
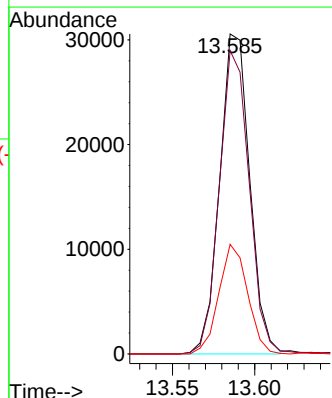
Tgt Ion:180 Resp: 38884

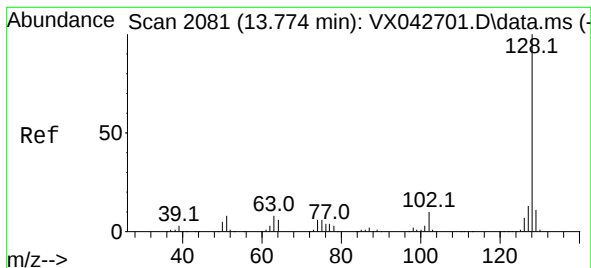
Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.4

145 32.8 27.0 40.6





#71

Naphthalene

Concen: 43.836 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Instrument :

MSVOA_X

ClientSampleId :

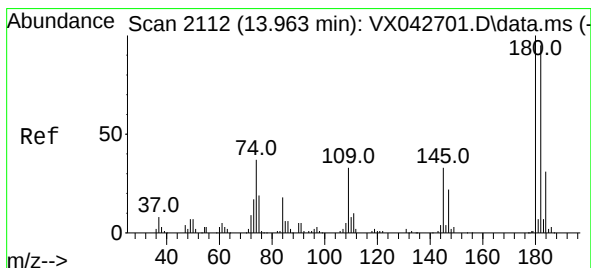
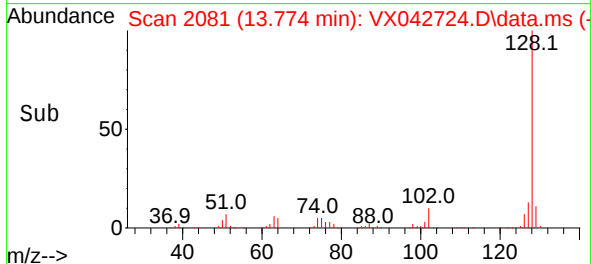
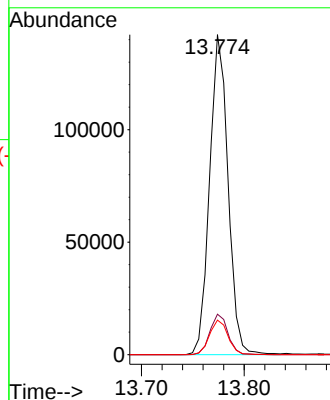
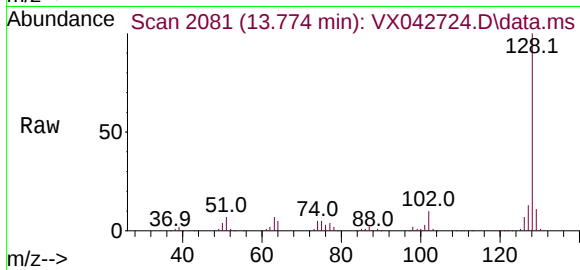
Tgt Ion:128 Resp: 177215

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 39.622 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042724.D

Acq: 30 Jul 2024 04:12

Tgt Ion:180 Resp: 43013

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 36.3 27.6 41.4

