

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110524\
 Data File : VX043724.D
 Acq On : 05 Nov 2024 18:18
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 02:05:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 01:38:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	164207	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	155743	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72755	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	37903	43.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.660%
7) Chloroethane-d5	1.648	69	22109	58.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.600%
11) 1,1-Dichloroethene-d2	2.294	65	16919	41.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.800%
21) 2-Butanone-d5	4.465	46	55109	96.215	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.210%
24) Chloroform-d	5.056	84	89361	47.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
26) 1,2-Dichloroethane-d4	5.952	65	51242	42.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.540%
32) Benzene-d6	5.970	84	178644	44.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
36) 1,2-Dichloropropane-d6	7.306	67	53430	43.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	8.647	98	161572	44.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.340%
43) trans-1,3-Dichloroprop...	8.952	79	22466	38.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.700%
47) 2-Hexanone-d5	9.384	63	42766	88.212	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.210%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	72757	46.289	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.580%
66) 1,2-Dichlorobenzene-d4	12.317	152	62128	49.286	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44678	38.632	ug/L	98
3) Chloromethane	1.294	50	53580	47.672	ug/L	97
5) Vinyl chloride	1.374	62	48510	44.063	ug/L	99
6) Bromomethane	1.593	94	22988	53.884	ug/L	100
8) Chloroethane	1.666	64	27459	70.891	ug/L	99
9) Trichlorofluoromethane	1.874	101	63523	45.468	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	40952	42.679	ug/L	98
12) 1,1-Dichloroethene	2.313	96	40835	46.618	ug/L	74
13) Acetone	2.386	43	45326	85.085	ug/L	98
14) Carbon disulfide	2.502	76	73755	38.089	ug/L	100
15) Methyl Acetate	2.703	43	50555	44.880	ug/L	94
16) Methylene chloride	2.788	84	54358	51.365	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	43657	46.327	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	163158	45.545	ug/L	99
19) 1,1-Dichloroethane	3.605	63	89276	48.110	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	58011	49.562	ug/L	95
22) 2-Butanone	4.562	43	67127	87.098	ug/L	96
23) Bromochloromethane	4.897	128	29845	50.725	ug/L	90
25) Chloroform	5.093	83	97557	48.992	ug/L	99

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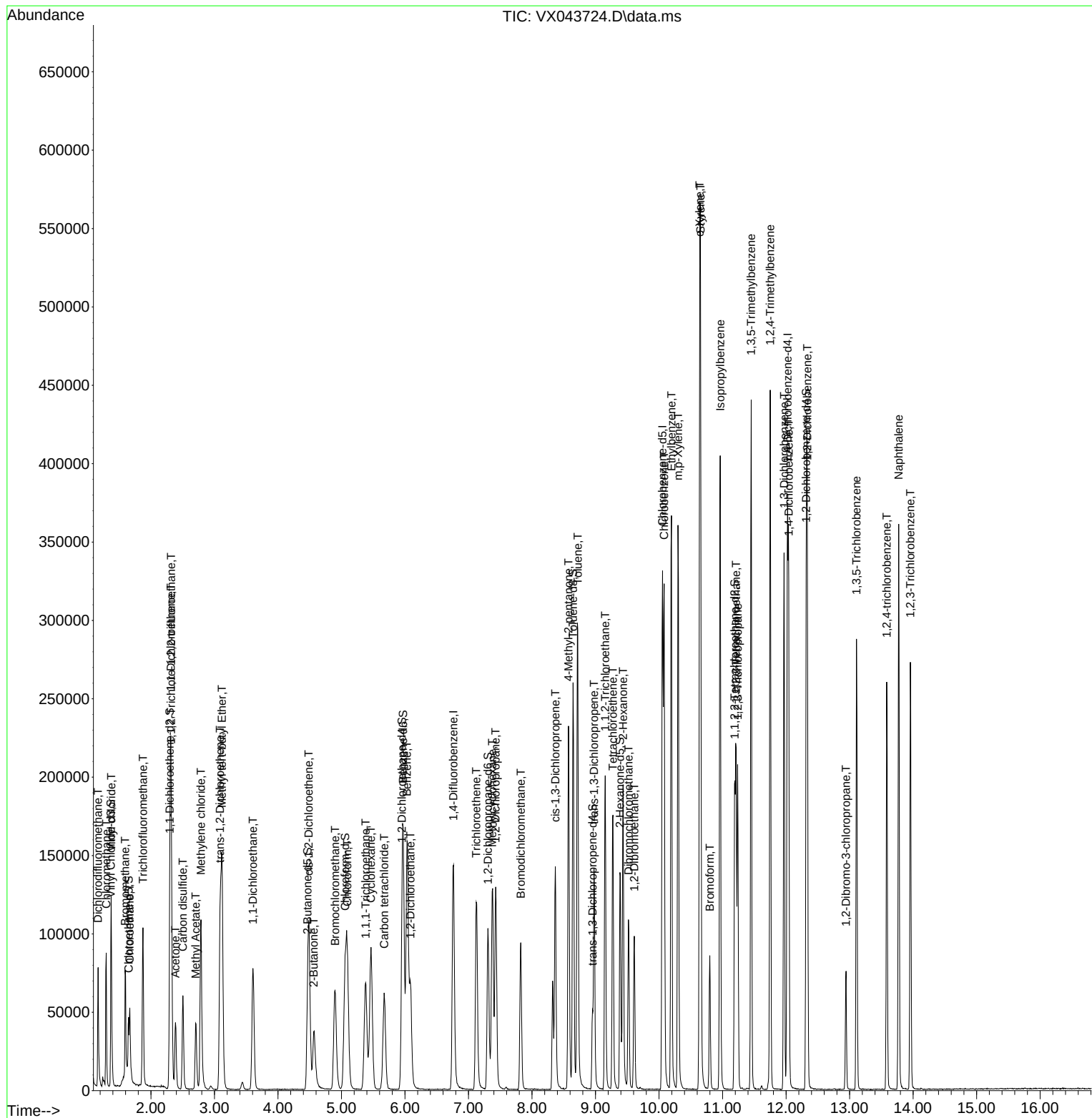
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	69444	45.133	ug/L	98
29) Cyclohexane	5.464	56	62203	34.421	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	70801	37.527	ug/L	99
31) Carbon tetrachloride	5.672	117	56122	36.259	ug/L	99
33) Benzene	6.031	78	202574	45.633	ug/L	100
34) Trichloroethene	7.123	95	49950	41.853	ug/L	95
35) Methylcyclohexane	7.373	83	63422	35.569	ug/L	97
37) 1,2-Dichloropropane	7.427	63	55344	46.802	ug/L	98
38) Bromodichloromethane	7.824	83	63445	42.183	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	80660	41.782	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	136111	84.568	ug/L	96
42) Toluene	8.720	91	212919	45.601	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	70067	39.804	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	56648	46.717	ug/L	99
46) Tetrachloroethene	9.275	164	37157	43.253	ug/L	94
48) 2-Hexanone	9.433	43	105049	87.316	ug/L	97
49) Dibromochloromethane	9.519	129	48849	43.221	ug/L	98
50) 1,2-Dibromoethane	9.610	107	56940	45.479	ug/L	95
51) Chlorobenzene	10.079	112	149010	48.831	ug/L	96
52) Ethylbenzene	10.195	91	229992	45.316	ug/L	97
53) m,p-Xylene	10.299	106	91419	46.662	ug/L	98
54) o-Xylene	10.640	106	95164	48.722	ug/L	94
55) Styrene	10.653	104	164477	50.622	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	84795	46.691	ug/L	98
59) Bromoform	10.799	173	31391	41.249	ug/L	98
60) Isopropylbenzene	10.963	105	223708	44.345	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	64886	45.946	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	191003	45.044	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	198881	47.106	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	110486	49.790	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	110517	49.448	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	112536	49.627	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	13379	37.834	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.109	180	71853	48.549	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	61284	45.161	ug/L	97
71) Naphthalene	13.774	128	224955	44.640	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	64571	46.041	ug/L	99

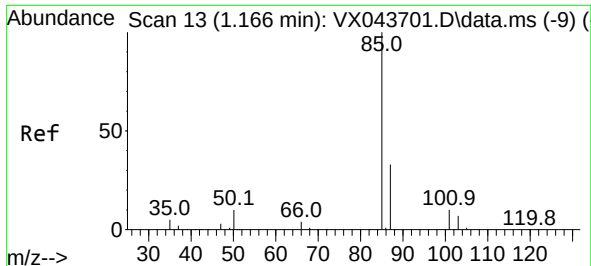
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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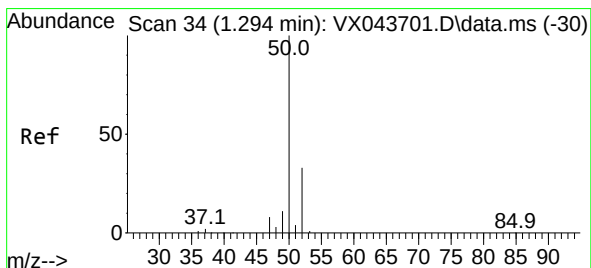
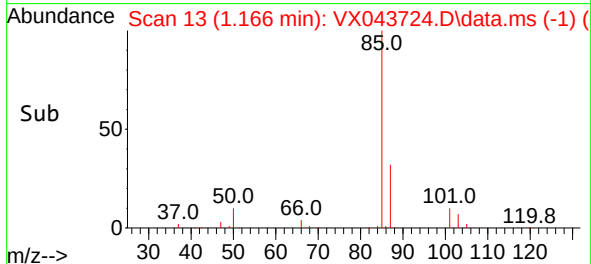
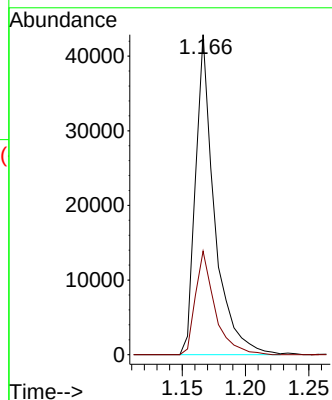
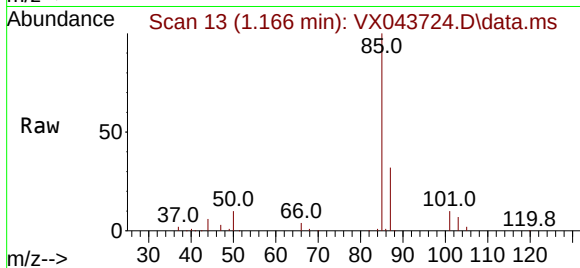




#2
Dichlorodifluoromethane
Concen: 38.632 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

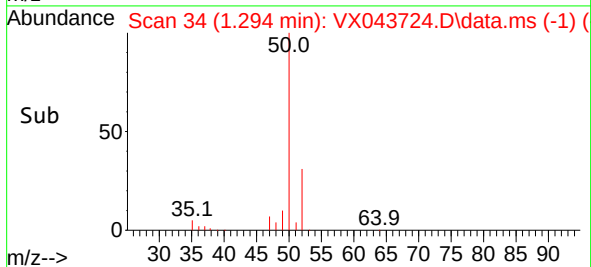
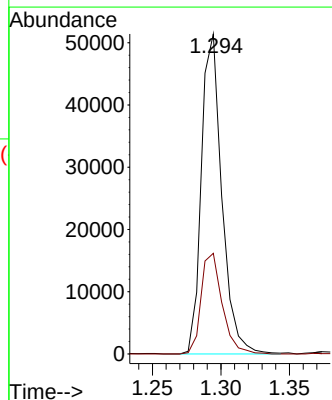
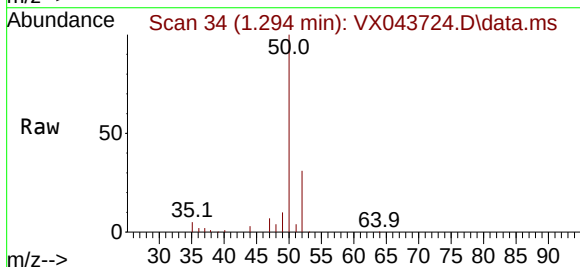
Instrument :
MSVOA_X
ClientSampleId :

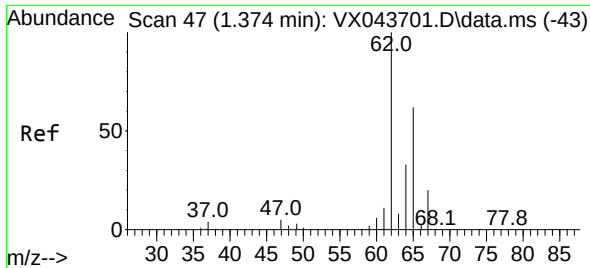
Tgt Ion: 85 Resp: 44678
Ion Ratio Lower Upper
85 100
87 33.3 25.6 38.4



#3
Chloromethane
Concen: 47.672 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 50 Resp: 53580
Ion Ratio Lower Upper
50 100
52 31.4 23.4 43.4

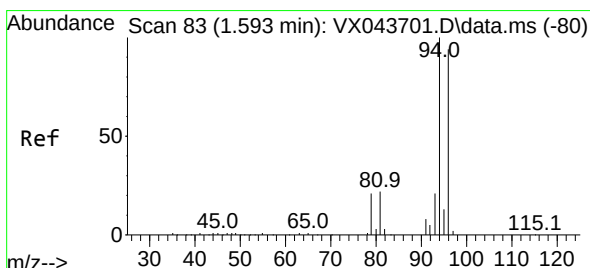
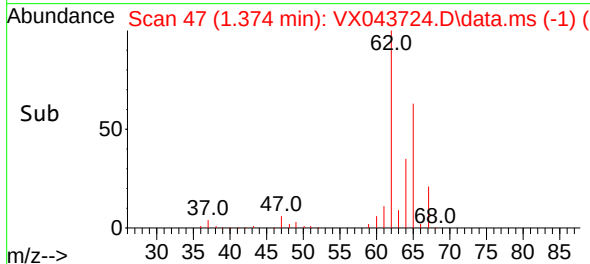
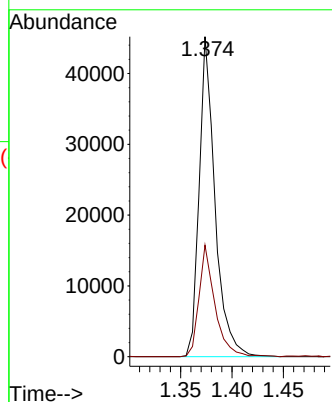
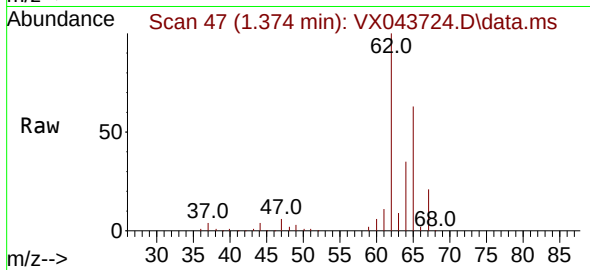




#5
 Vinyl chloride
 Concen: 44.063 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX043724.D
 Acq: 05 Nov 2024 18:18

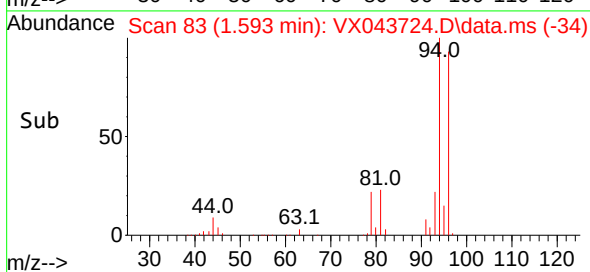
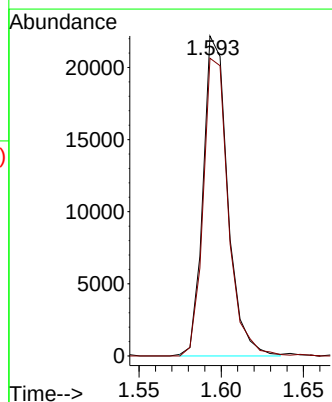
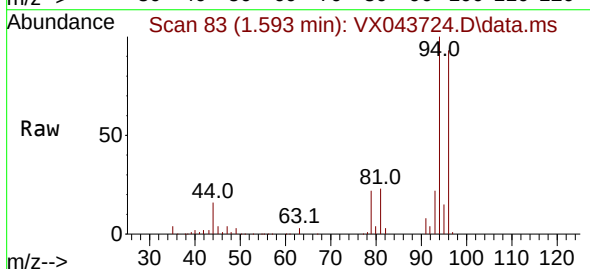
Instrument :
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 ClientSampleId :

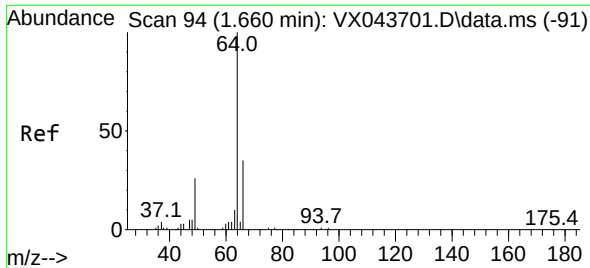
Tgt Ion: 62 Resp: 48510
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.0 44.6



#6
 Bromomethane
 Concen: 53.884 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX043724.D
 Acq: 05 Nov 2024 18:18

Tgt Ion: 94 Resp: 22988
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.0 120.8

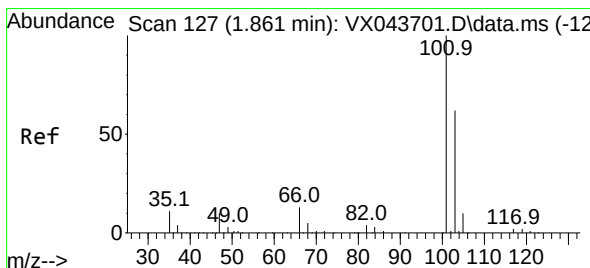
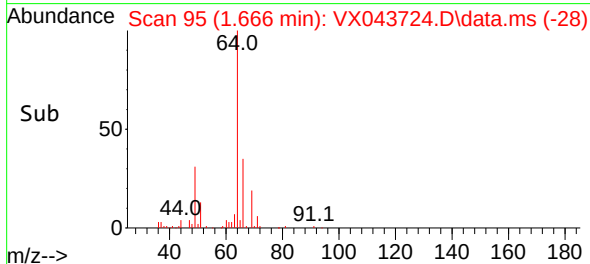
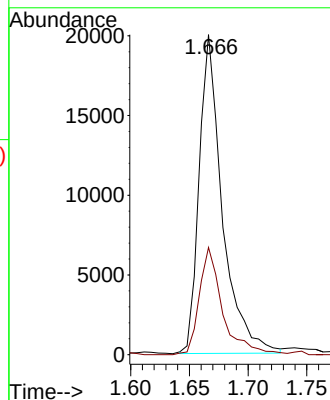
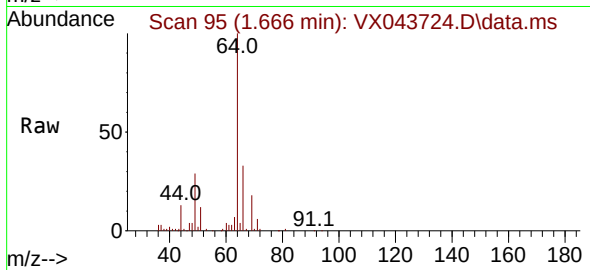




#8
Chloroethane
Concen: 70.891 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

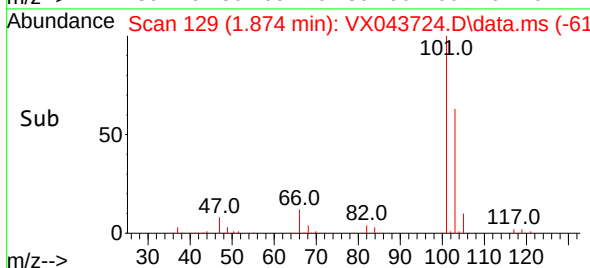
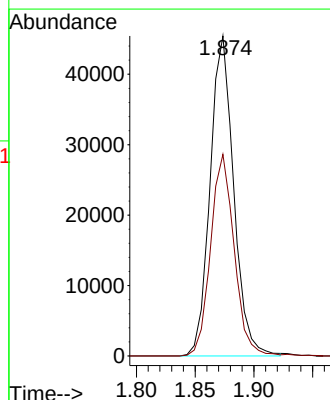
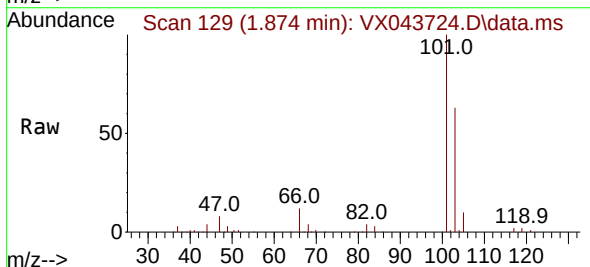
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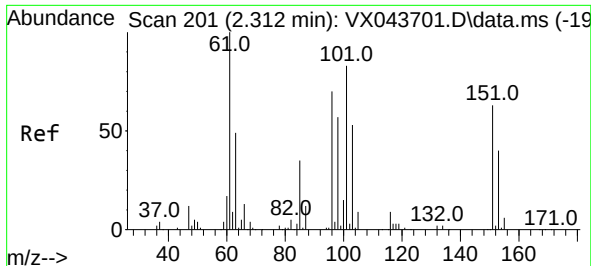
Tgt Ion: 64 Resp: 27459
Ion Ratio Lower Upper
64 100
66 33.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 45.468 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.012 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion:101 Resp: 63523
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

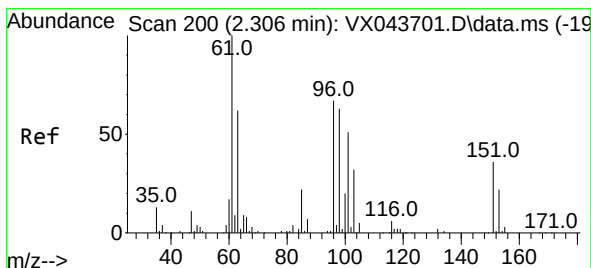
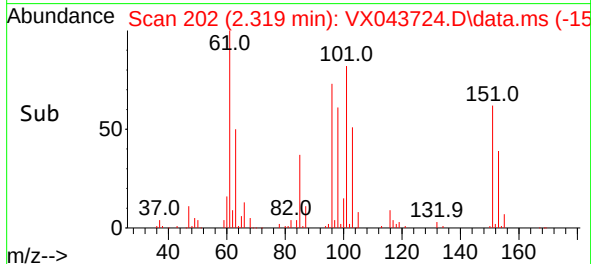
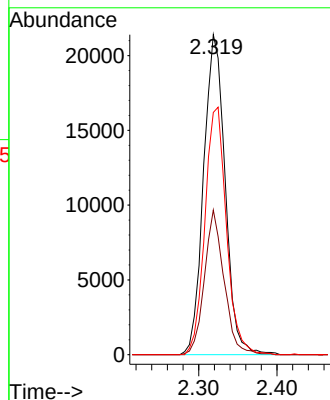
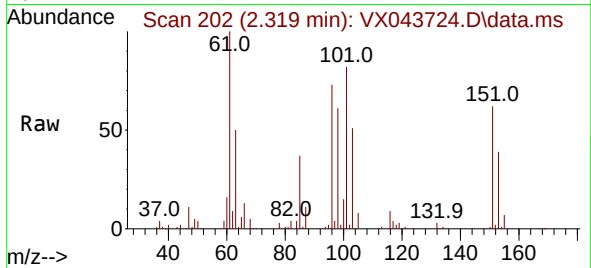




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.679 ug/L
 RT: 2.319 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX043724.D
 Acq: 05 Nov 2024 18:18

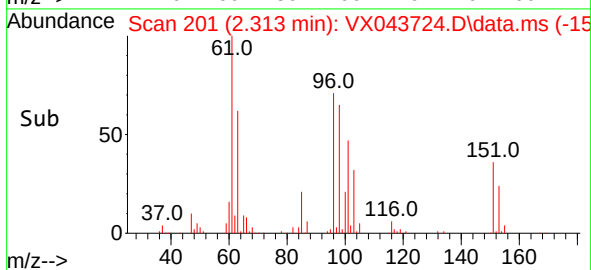
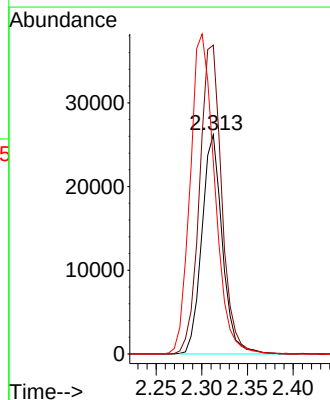
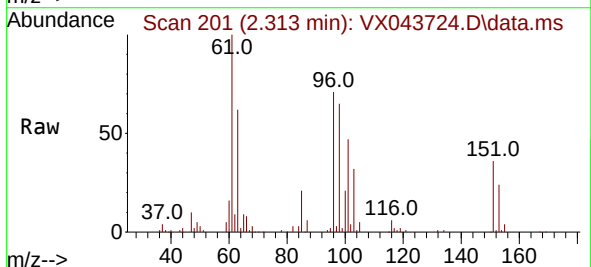
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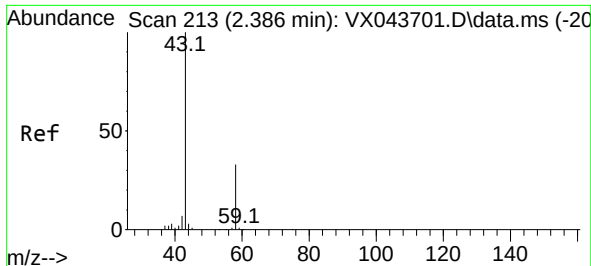
Tgt Ion:101 Resp: 40952
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.0 51.0
 151 77.2 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 46.618 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX043724.D
 Acq: 05 Nov 2024 18:18

Tgt Ion: 96 Resp: 40835
 Ion Ratio Lower Upper
 96 100
 61 140.9 119.7 222.3
 63 87.6 86.5 160.6





#13

Acetone

Concen: 85.085 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

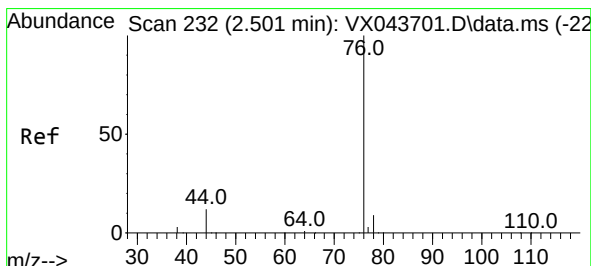
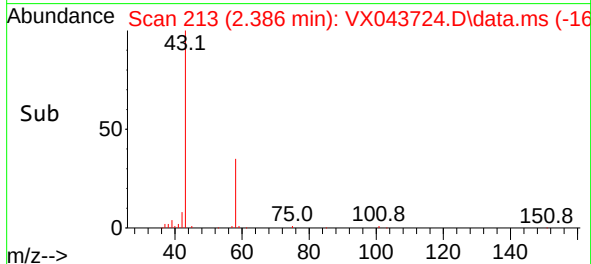
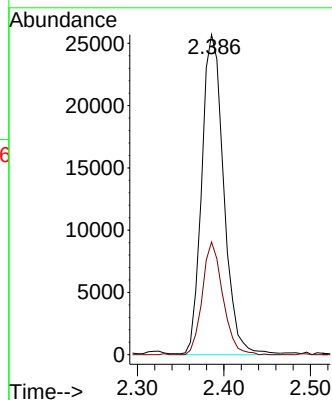
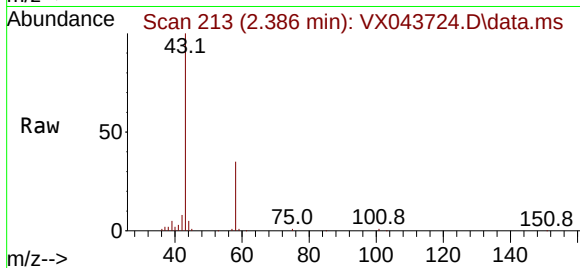
ClientSampleId :

Tgt Ion: 43 Resp: 45326

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.6



#14

Carbon disulfide

Concen: 38.089 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043724.D

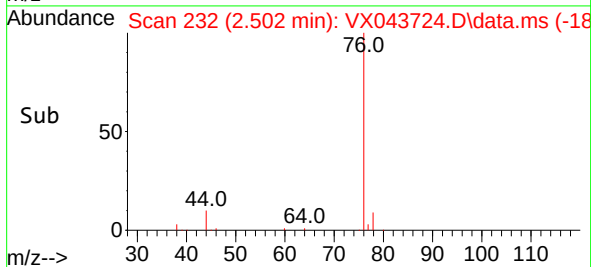
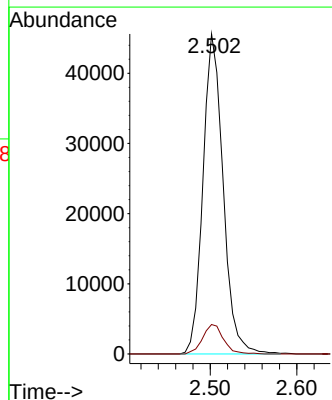
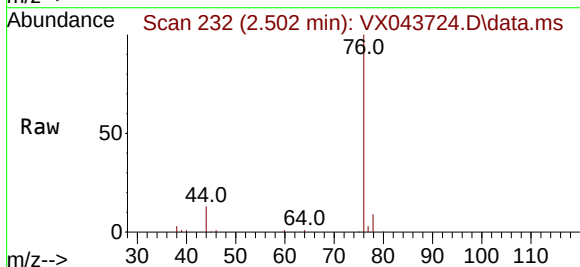
Acq: 05 Nov 2024 18:18

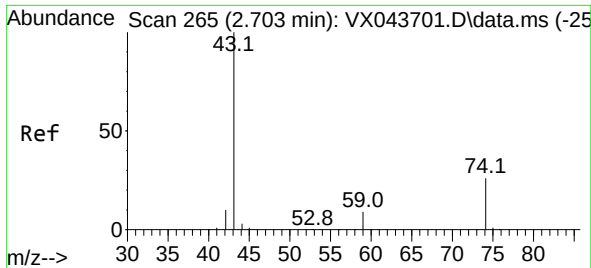
Tgt Ion: 76 Resp: 73755

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

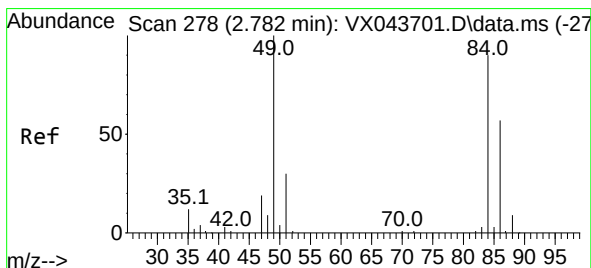
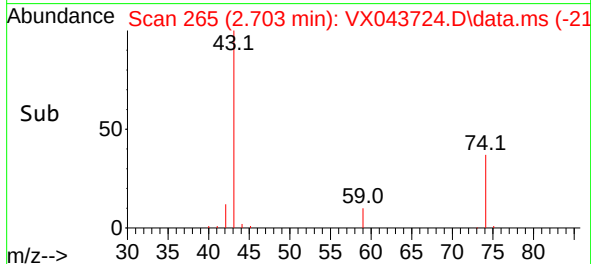
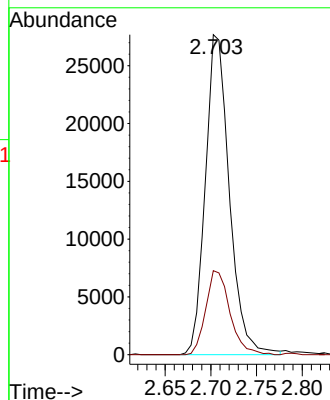
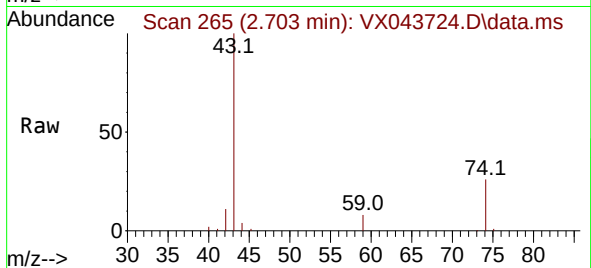




#15
Methyl Acetate
Concen: 44.880 ug/L
RT: 2.703 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

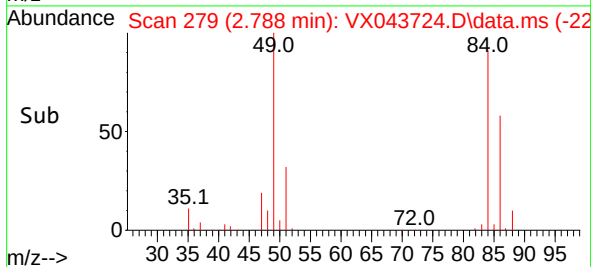
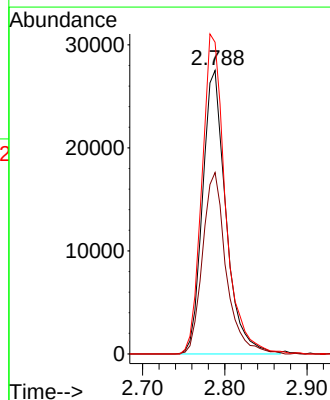
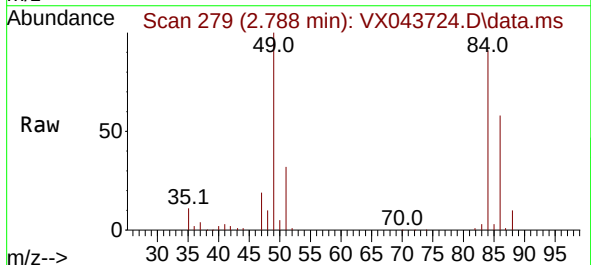
Instrument :
MSVOA_X
ClientSampleId :

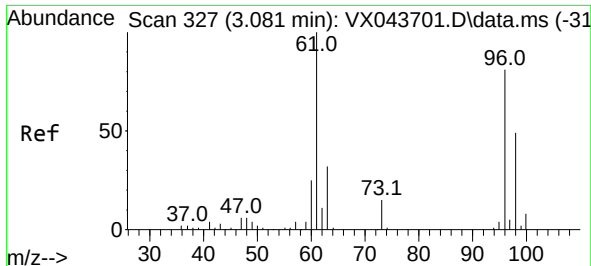
Tgt Ion: 43 Resp: 50555
Ion Ratio Lower Upper
43 100
74 26.4 18.9 28.3



#16
Methylene chloride
Concen: 51.365 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 84 Resp: 54358
Ion Ratio Lower Upper
84 100
86 64.0 44.7 83.1
49 109.9 83.2 154.4

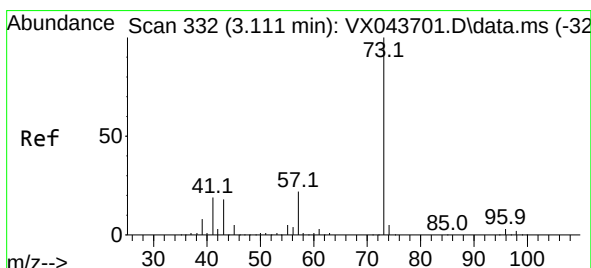
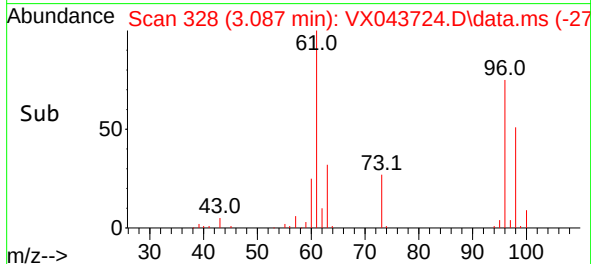
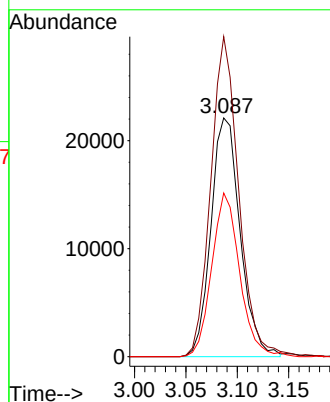
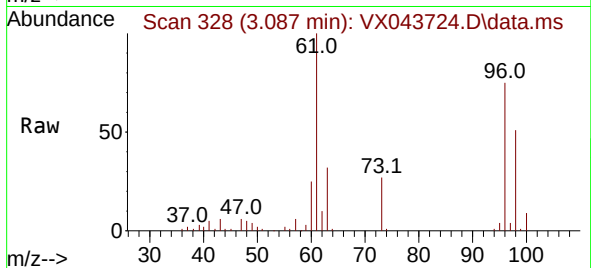




#17
trans-1,2-Dichloroethene
Concen: 46.327 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

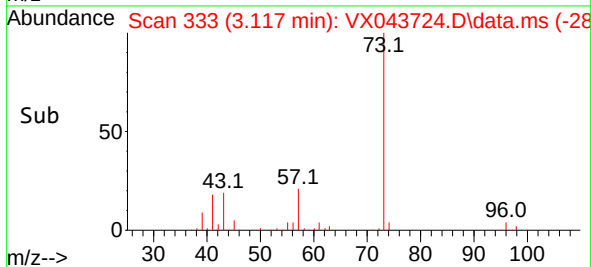
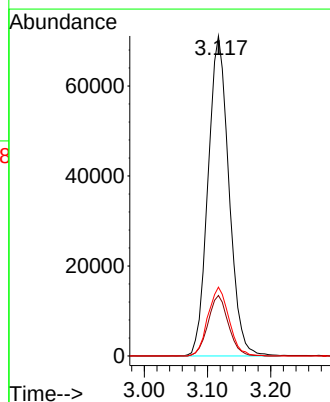
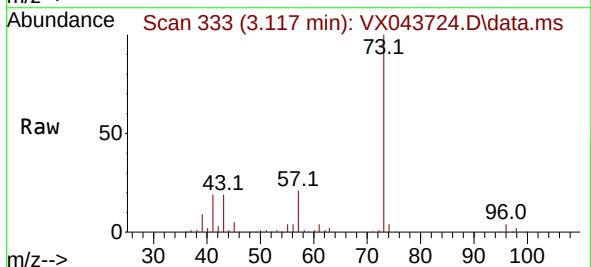
Instrument :
MSVOA_X
ClientSampleId :

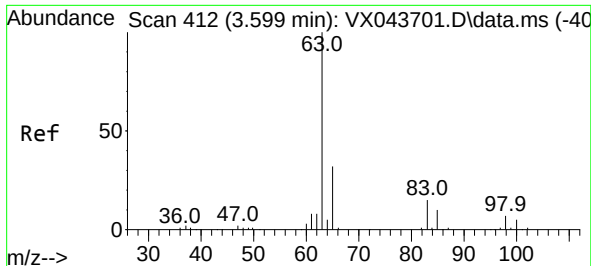
Tgt Ion: 96 Resp: 43657
Ion Ratio Lower Upper
96 100
61 134.0 93.4 173.6
98 68.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 45.545 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 73 Resp: 163158
Ion Ratio Lower Upper
73 100
43 18.4 15.5 23.3
57 21.6 17.2 25.8





#19

1,1-Dichloroethane

Concen: 48.110 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

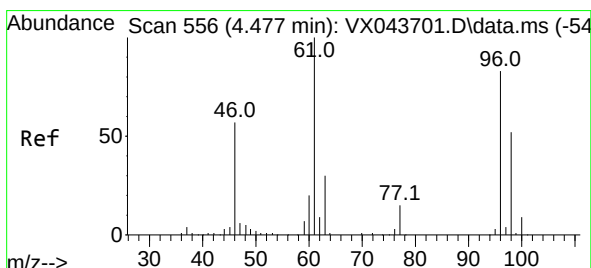
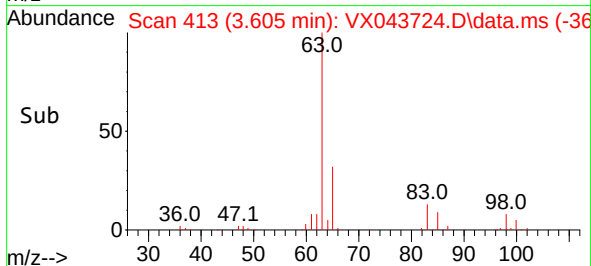
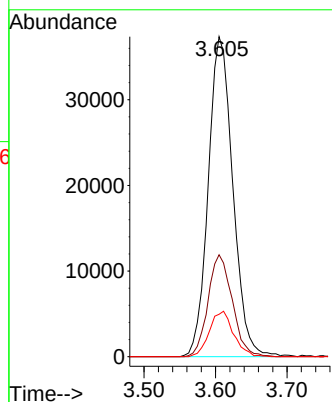
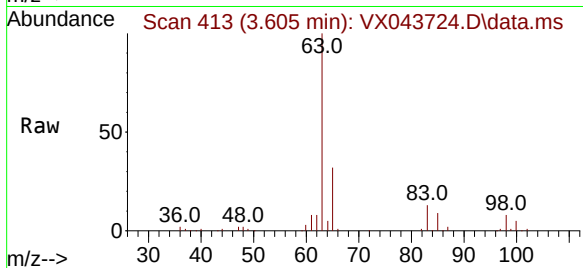
Tgt Ion: 63 Resp: 89276

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.2

83 13.3 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 49.562 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

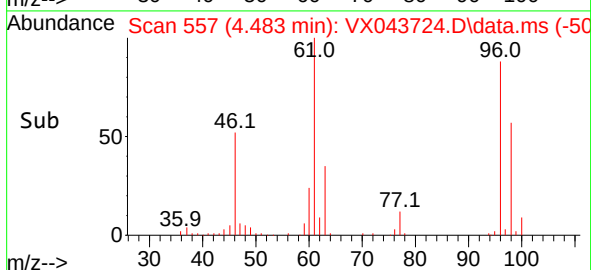
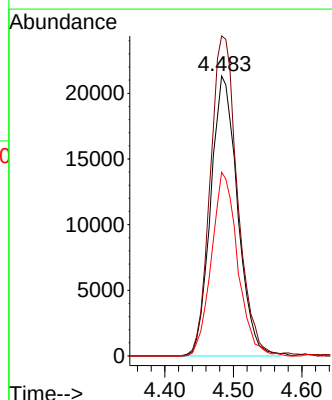
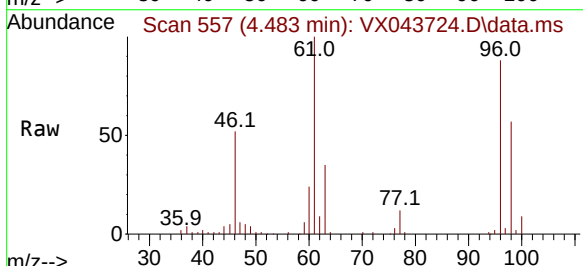
Tgt Ion: 96 Resp: 58011

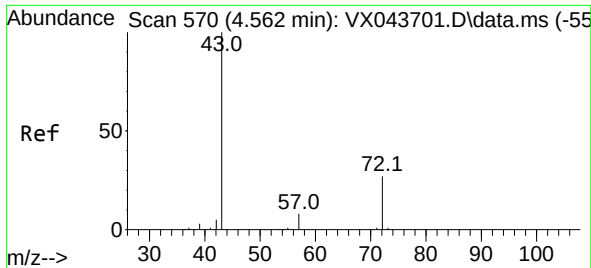
Ion Ratio Lower Upper

96 100

61 114.3 85.2 158.2

98 65.6 44.6 82.8

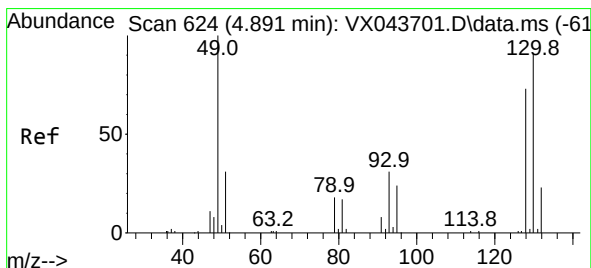
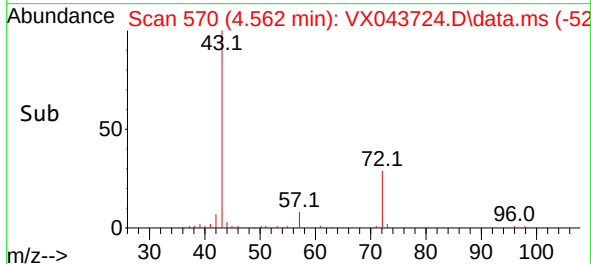
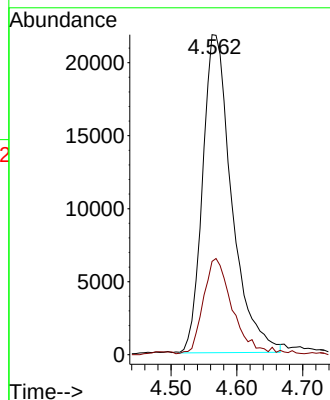
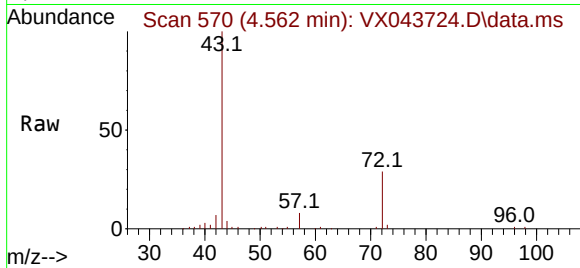




#22
2-Butanone
Concen: 87.098 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

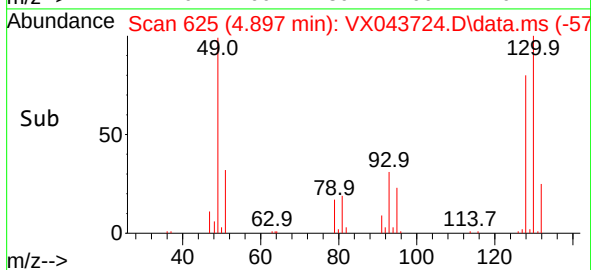
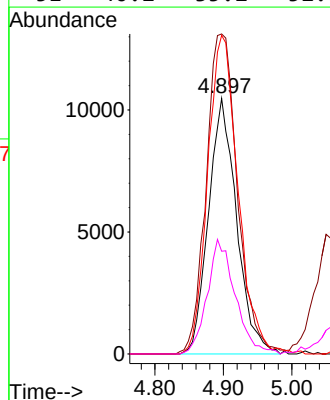
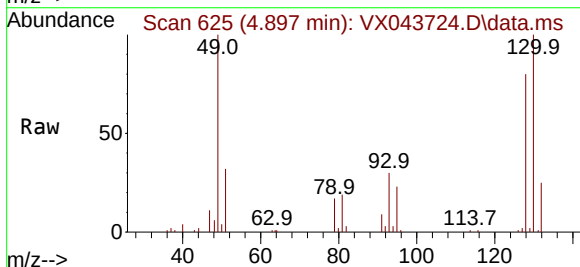
Instrument :
MSVOA_X
ClientSampleId :

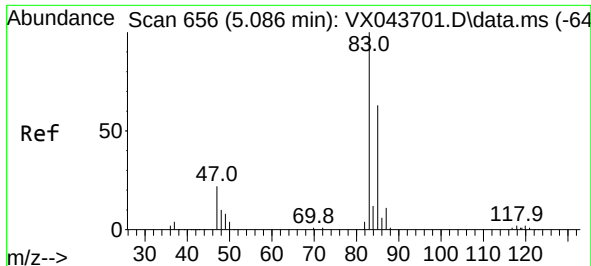
Tgt Ion: 43 Resp: 67127
Ion Ratio Lower Upper
43 100
72 29.4 13.6 40.8



#23
Bromochloromethane
Concen: 50.725 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 128 Resp: 29845
Ion Ratio Lower Upper
128 100
49 125.2 101.4 188.4
130 124.7 91.5 169.9
51 40.2 35.2 52.8

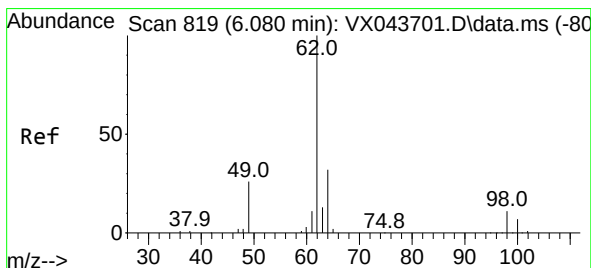
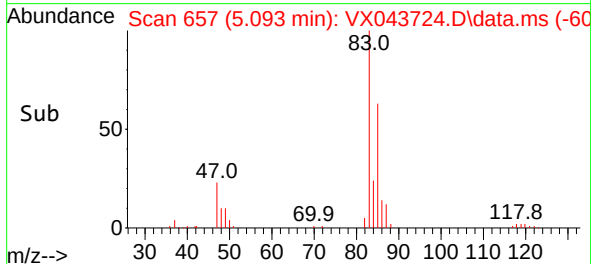
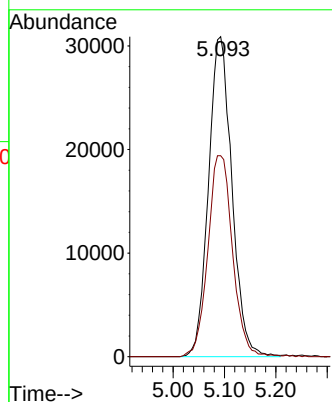
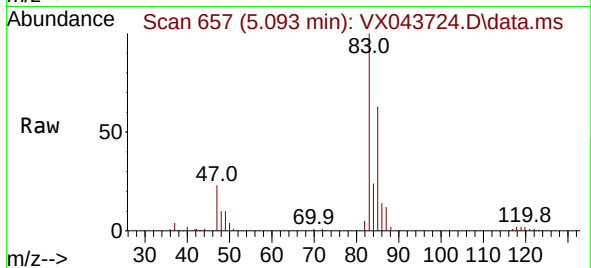




#25
Chloroform
Concen: 48.992 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

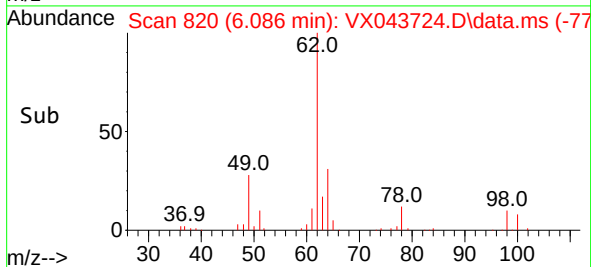
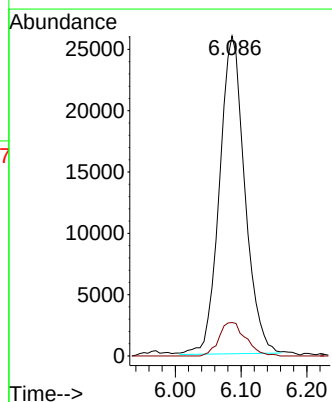
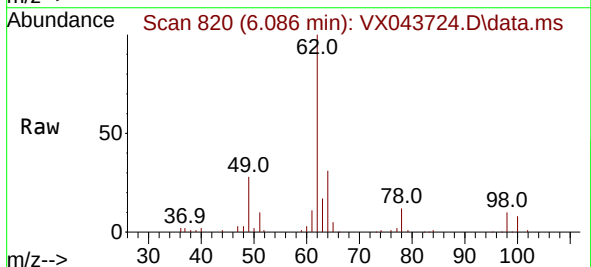
Instrument :
MSVOA_X
ClientSampleId :

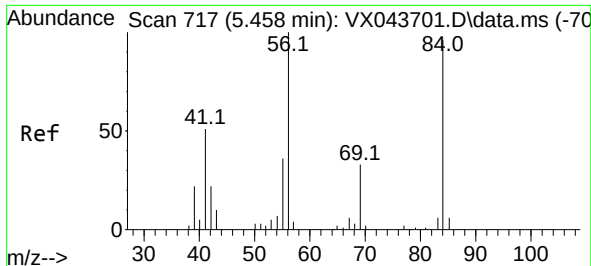
Tgt Ion: 83 Resp: 97557
Ion Ratio Lower Upper
83 100
85 62.8 44.4 82.4



#27
1,2-Dichloroethane
Concen: 45.133 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 62 Resp: 69444
Ion Ratio Lower Upper
62 100
98 10.4 9.0 13.6





#29

Cyclohexane

Concen: 34.421 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

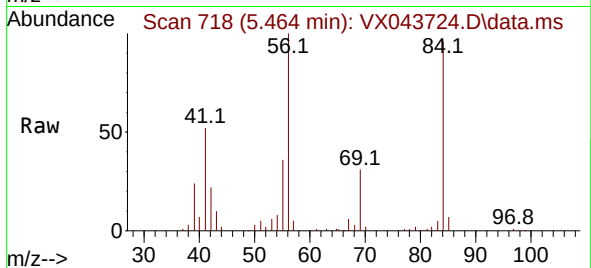
Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :



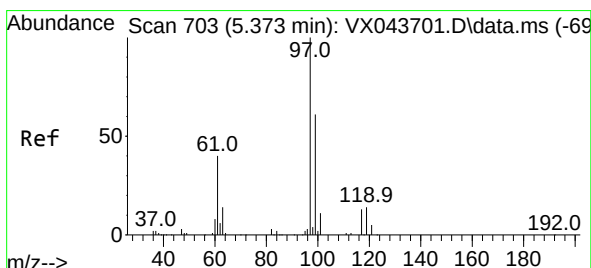
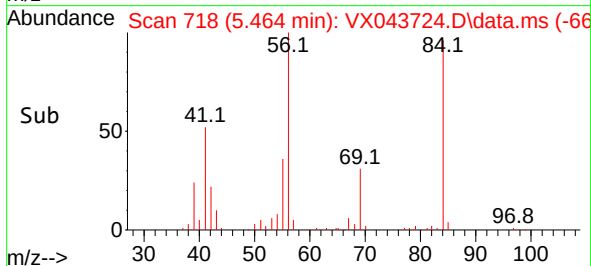
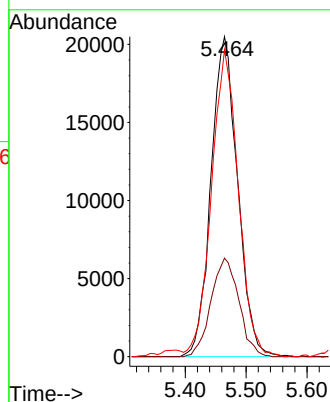
Tgt Ion: 56 Resp: 62203

Ion Ratio Lower Upper

56 100

69 32.2 25.2 37.8

84 97.0 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 37.527 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

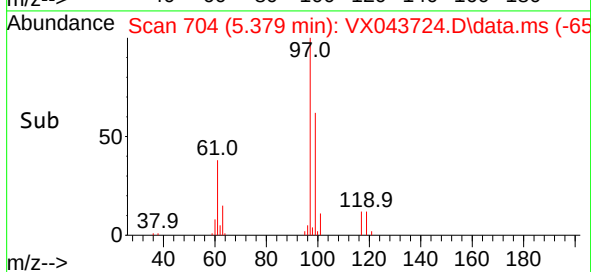
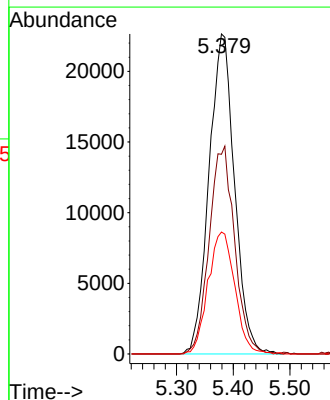
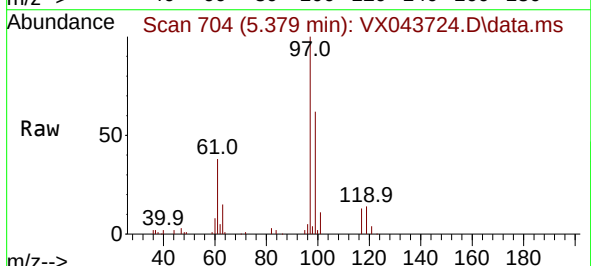
Tgt Ion: 97 Resp: 70801

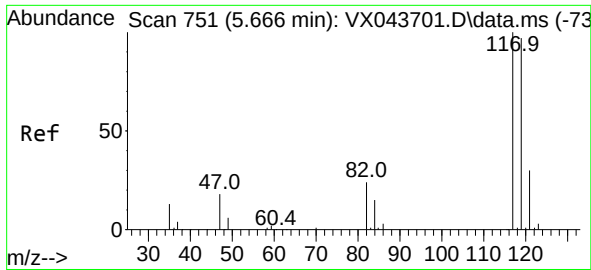
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

61 39.9 32.6 49.0

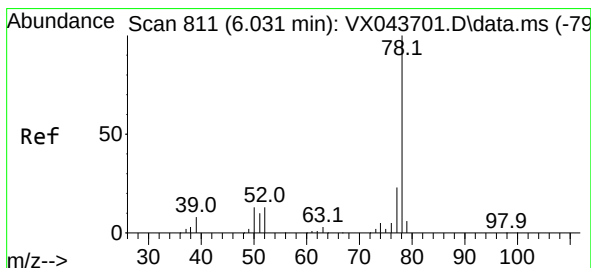
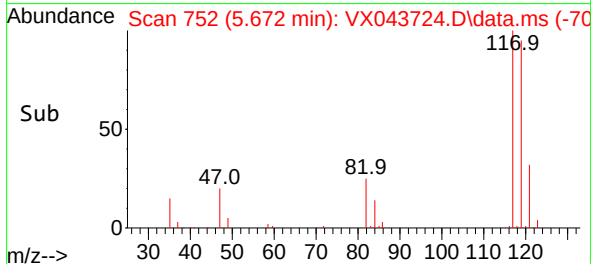
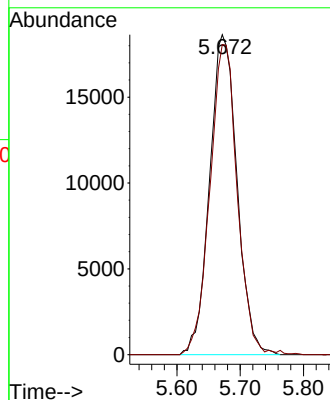
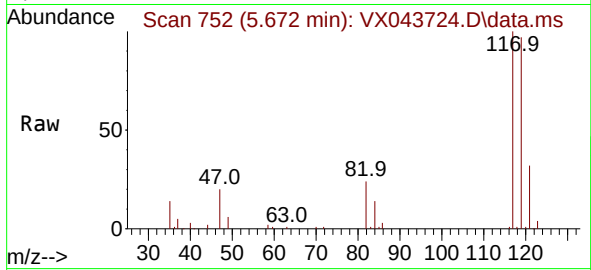




#31
Carbon tetrachloride
Concen: 36.259 ug/L
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

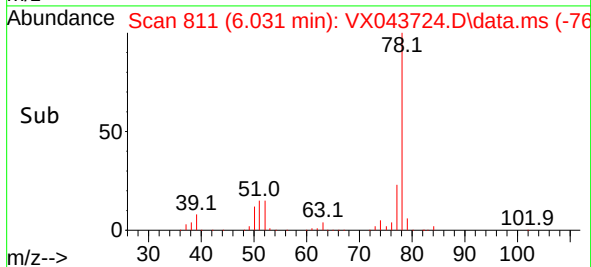
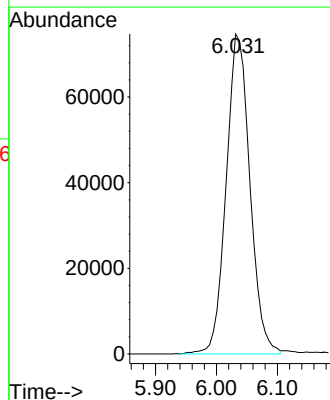
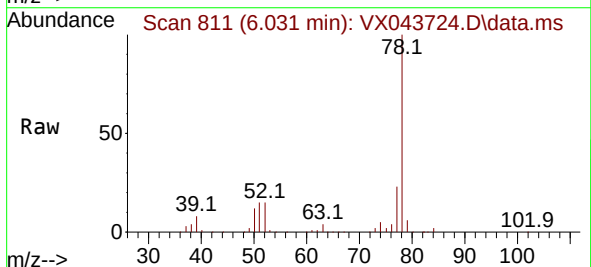
Instrument :
MSVOA_X
ClientSampleId :

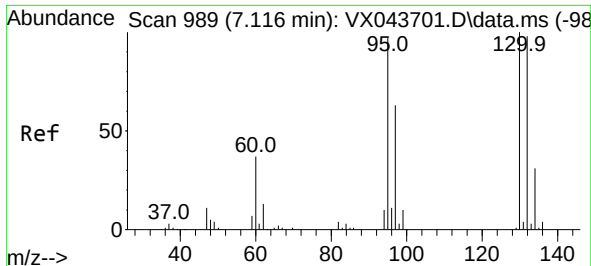
Tgt Ion:117 Resp: 56122
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0



#33
Benzene
Concen: 45.633 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 78 Resp: 202574

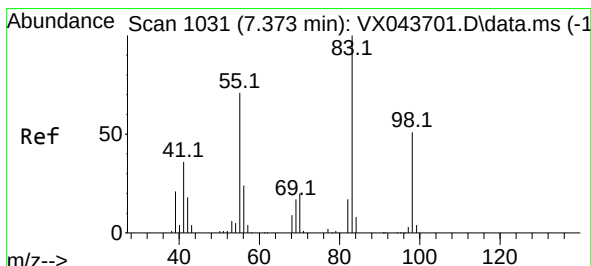
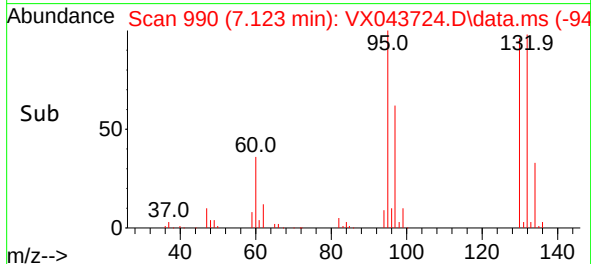
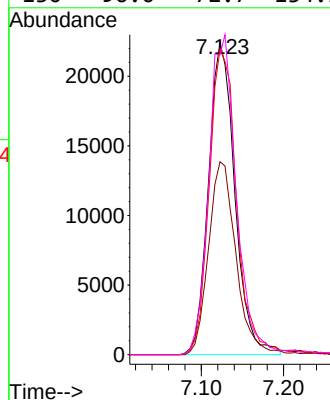
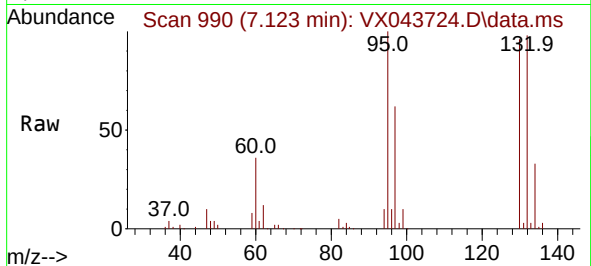




#34
Trichloroethene
Concen: 41.853 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

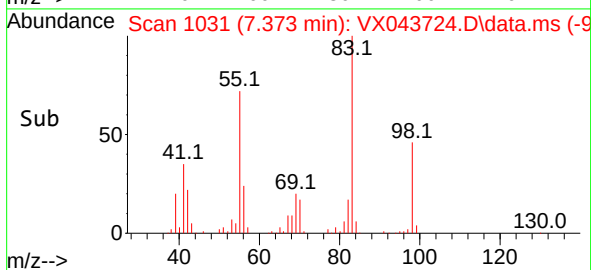
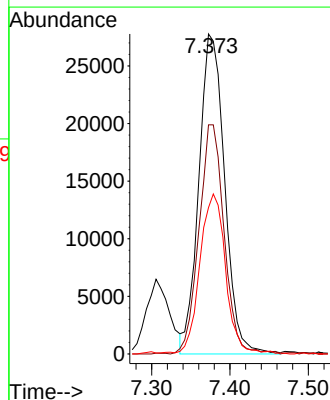
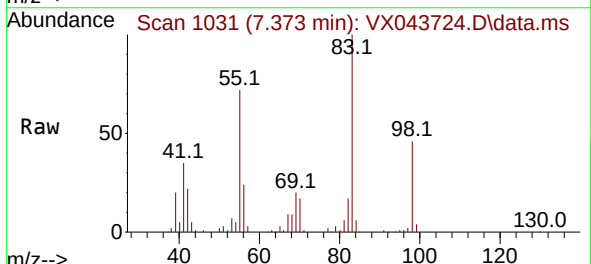
Instrument :
MSVOA_X
ClientSampleId :

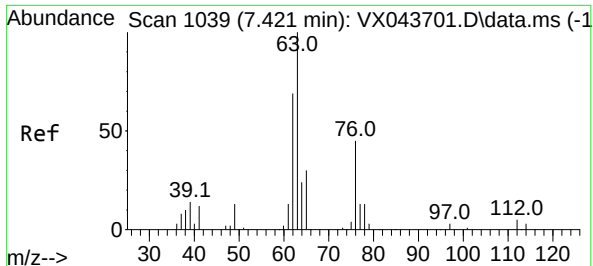
Tgt Ion: 95 Resp: 49950
Ion Ratio Lower Upper
95 100
97 61.8 45.4 84.2
132 97.8 69.7 129.5
130 96.0 72.7 134.9



#35
Methylcyclohexane
Concen: 35.569 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 83 Resp: 63422
Ion Ratio Lower Upper
83 100
55 69.6 58.6 88.0
98 49.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 46.802 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

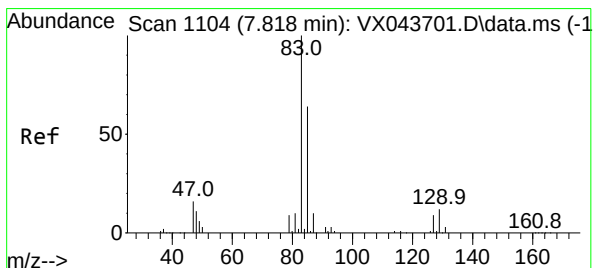
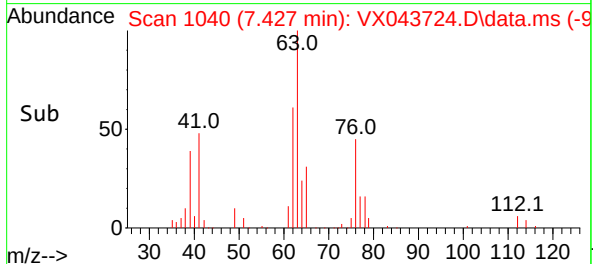
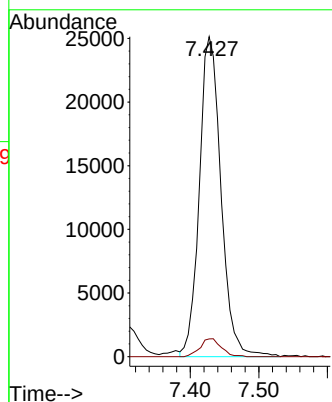
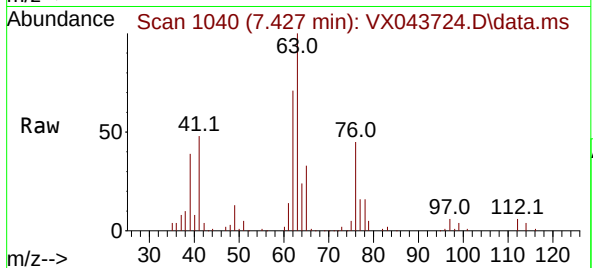
ClientSampleId :

Tgt Ion: 63 Resp: 55344

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 42.183 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

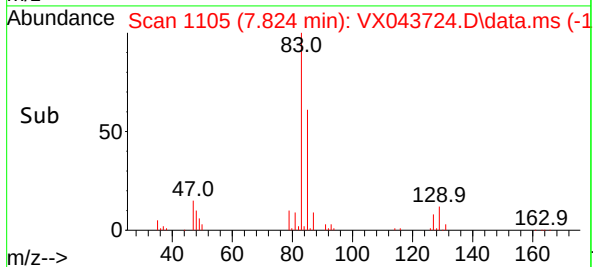
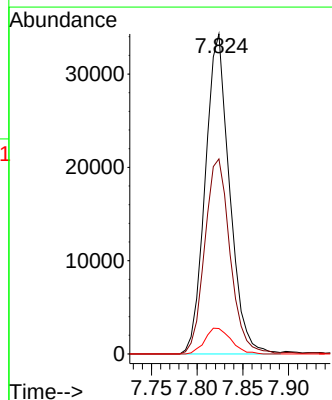
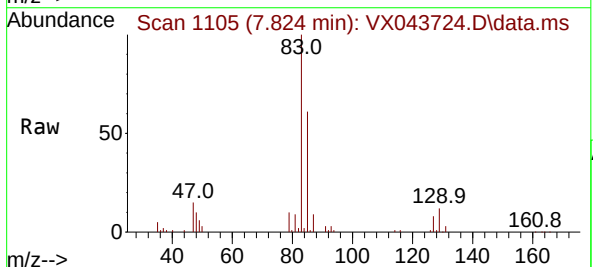
Tgt Ion: 83 Resp: 63445

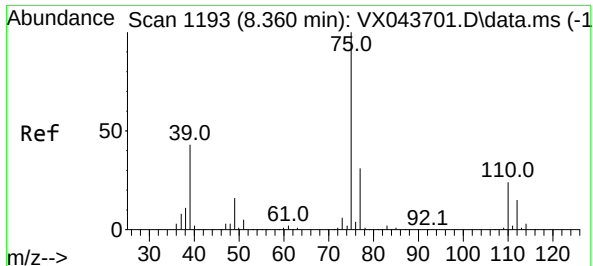
Ion Ratio Lower Upper

83 100

85 61.0 43.8 81.3

127 7.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 41.782 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

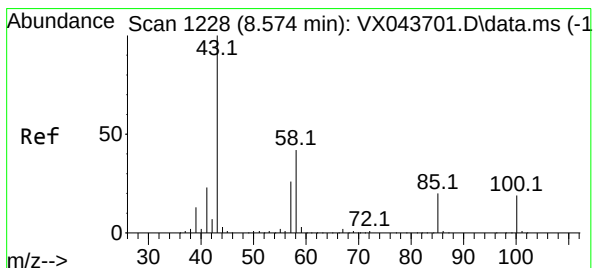
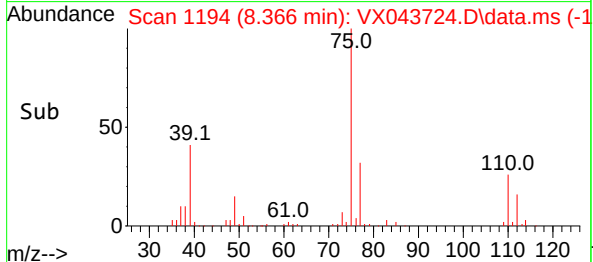
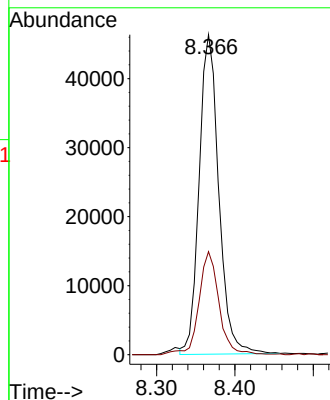
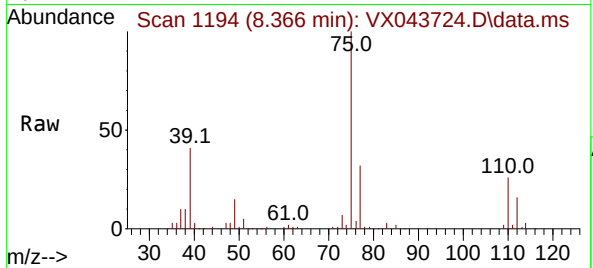
ClientSampleId :

Tgt Ion: 75 Resp: 80660

Ion Ratio Lower Upper

75 100

77 32.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 84.568 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

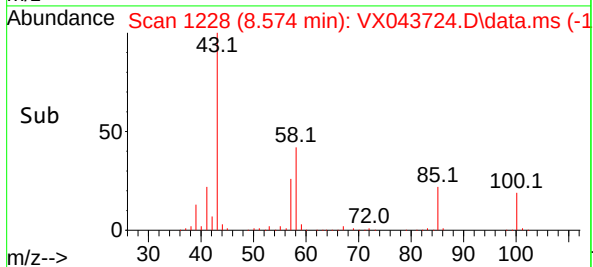
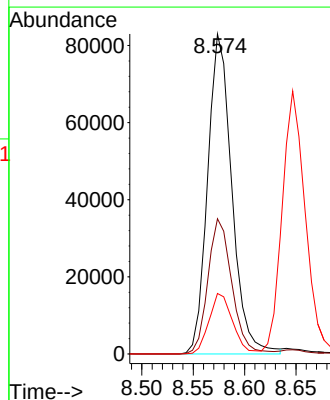
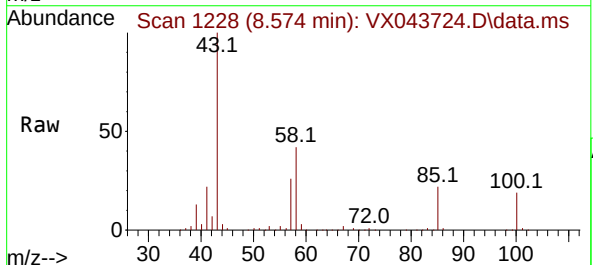
Tgt Ion: 43 Resp: 136111

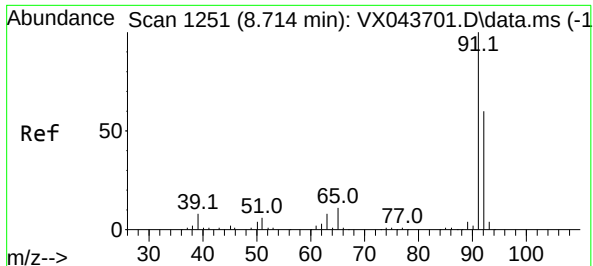
Ion Ratio Lower Upper

43 100

58 41.7 31.6 47.4

100 18.6 13.8 20.6





#42

Toluene

Concen: 45.601 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

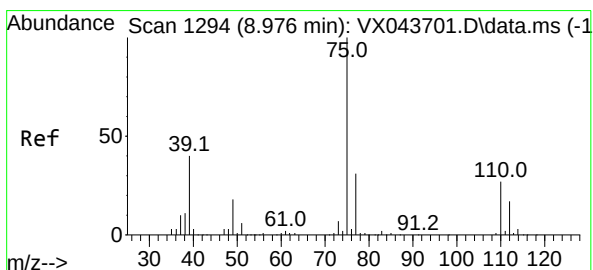
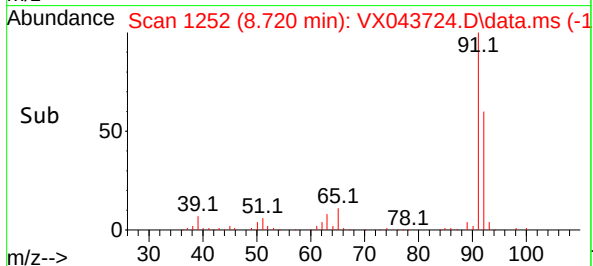
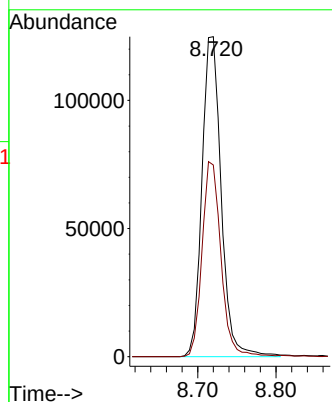
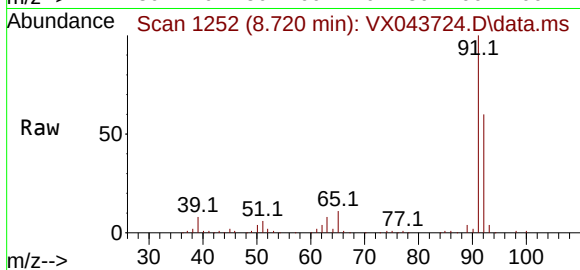
ClientSampleId :

Tgt Ion: 91 Resp: 212919

Ion Ratio Lower Upper

91 100

92 59.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 39.804 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043724.D

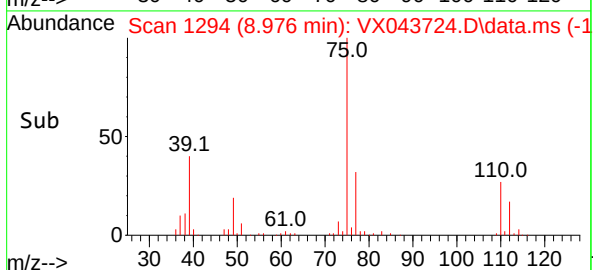
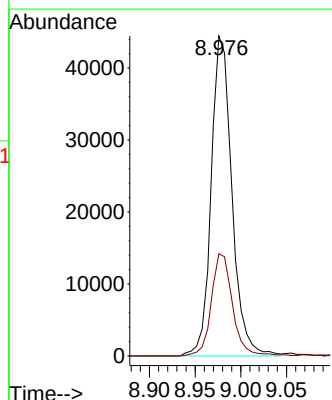
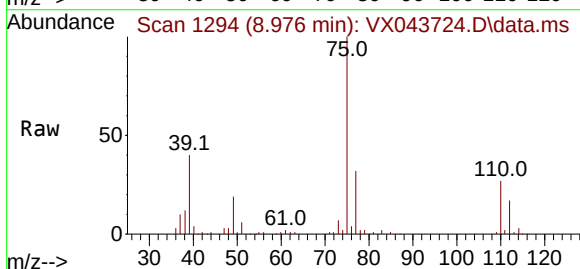
Acq: 05 Nov 2024 18:18

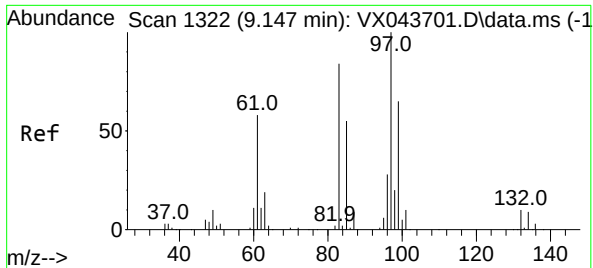
Tgt Ion: 75 Resp: 70067

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 46.717 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 56648

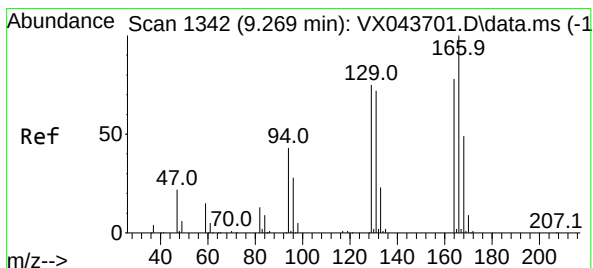
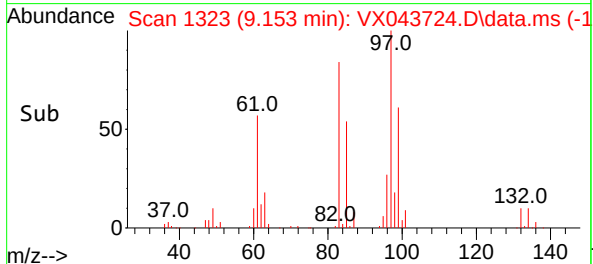
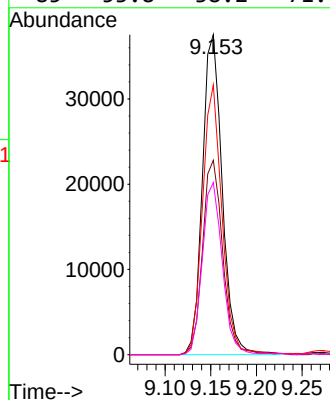
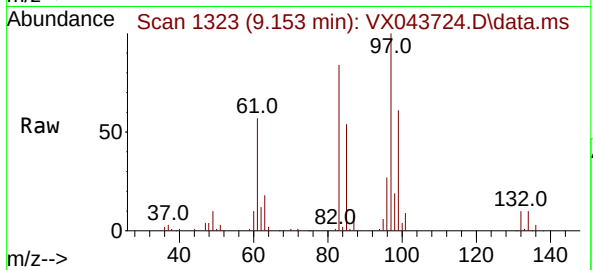
Ion Ratio Lower Upper

97 100

99 60.7 42.8 79.4

83 84.3 58.4 108.4

85 53.8 38.2 71.0



#46

Tetrachloroethene

Concen: 43.253 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Tgt Ion: 164 Resp: 37157

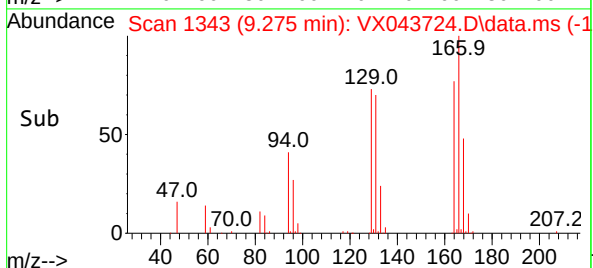
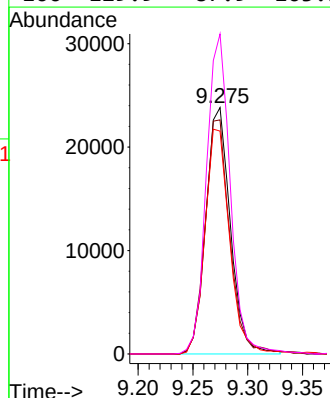
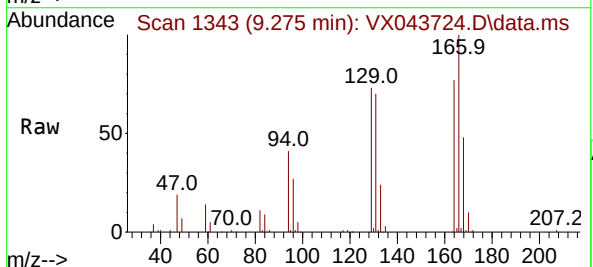
Ion Ratio Lower Upper

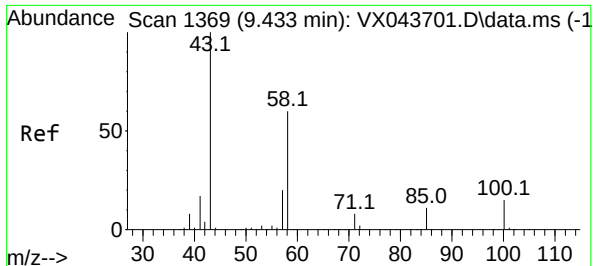
164 100

129 95.0 72.2 134.2

131 90.5 69.0 128.2

166 129.9 87.9 163.3



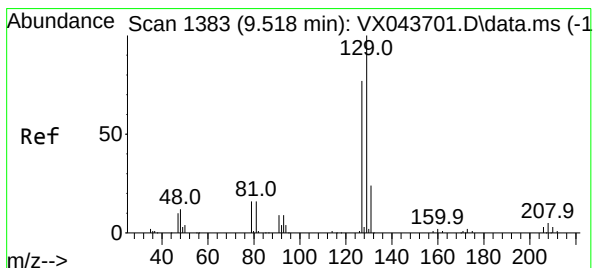
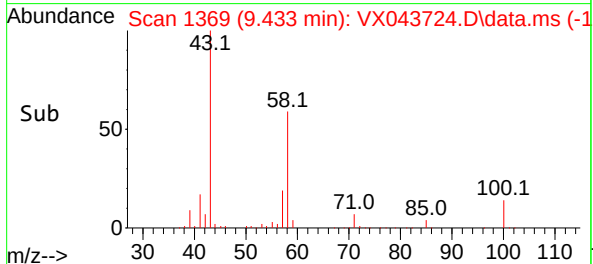
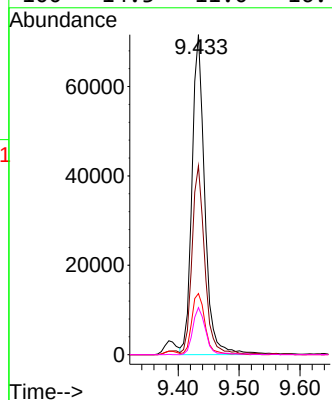
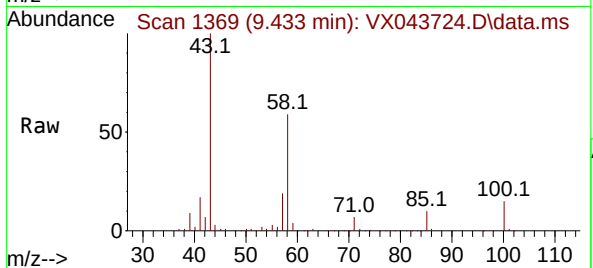


#48
2-Hexanone
Concen: 87.316 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 105049

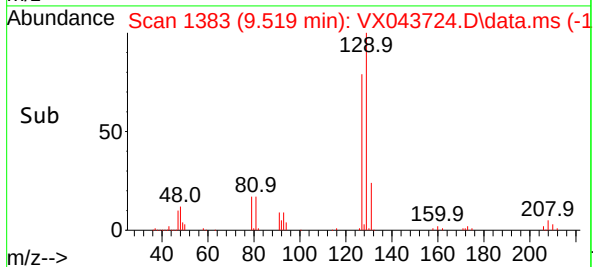
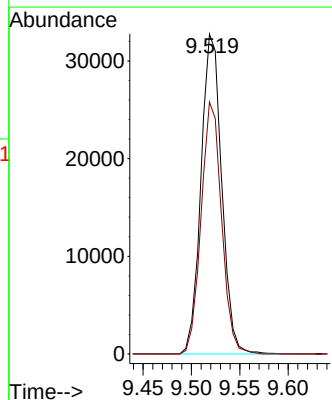
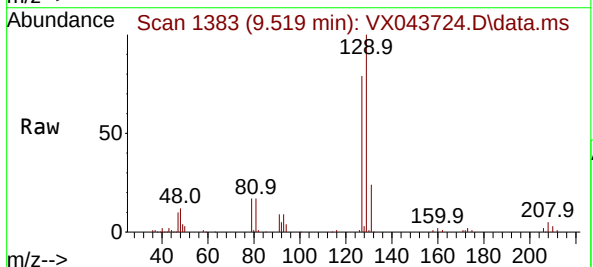
Ion	Ratio	Lower	Upper
43	100		
58	58.5	44.6	67.0
57	19.9	15.7	23.5
100	14.3	11.0	16.4

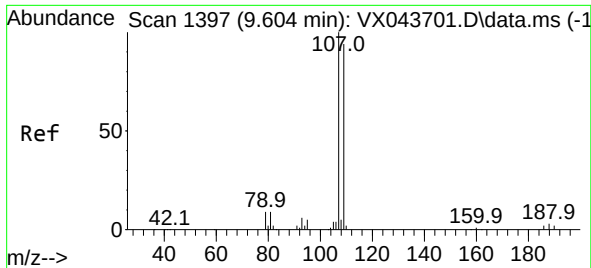


#49
Dibromochloromethane
Concen: 43.221 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 129 Resp: 48849

Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.2	100.6





#50

1,2-Dibromoethane

Concen: 45.479 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX043724.D

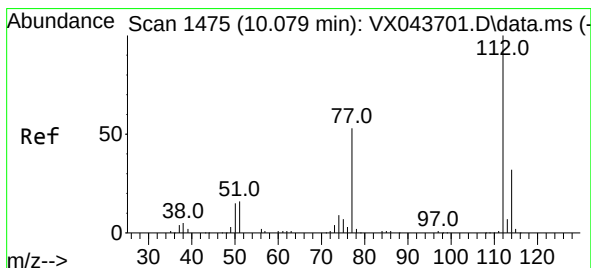
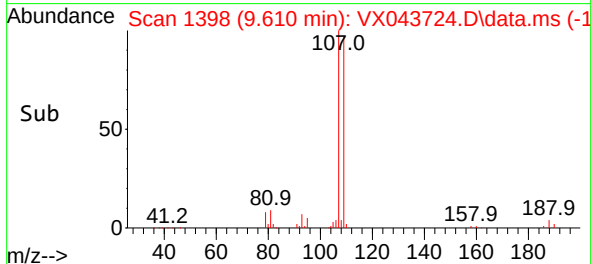
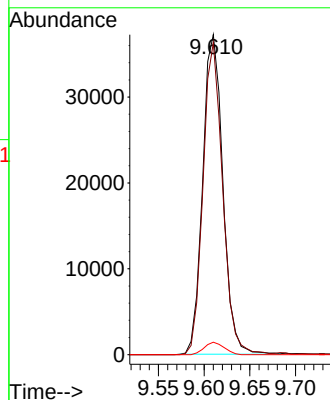
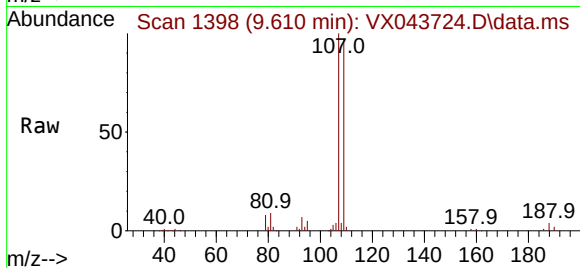
Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	56940
Ion	Ratio	Lower Upper
107	100	
109	97.5	64.9 120.5
188	3.9	2.6 4.0



#51

Chlorobenzene

Concen: 48.831 ug/L

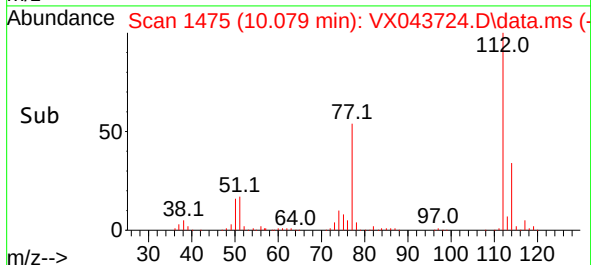
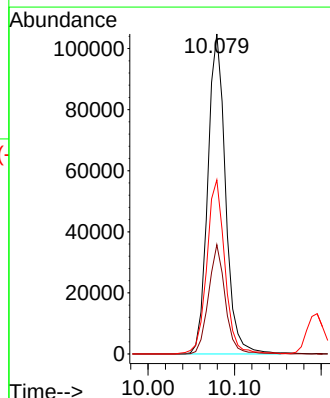
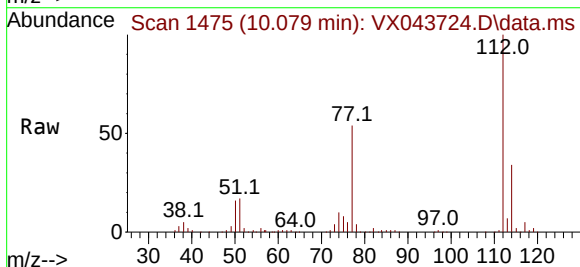
RT: 10.079 min Scan# 1475

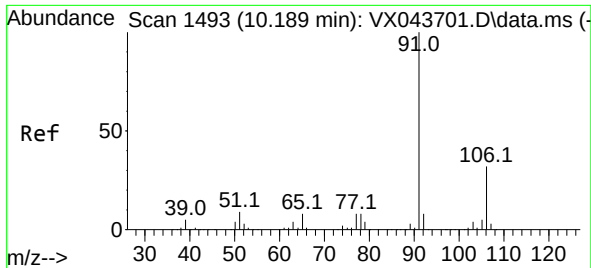
Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Tgt Ion:112	Resp:	149010
Ion	Ratio	Lower Upper
112	100	
114	34.1	22.6 42.0
77	54.4	45.9 68.9

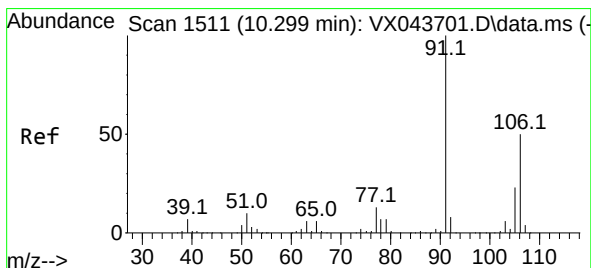
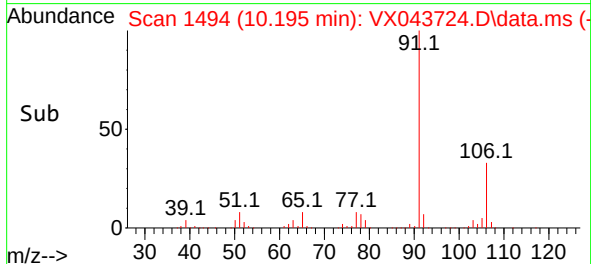
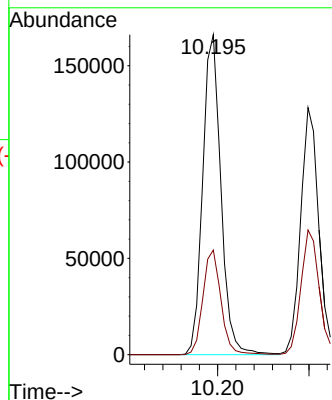
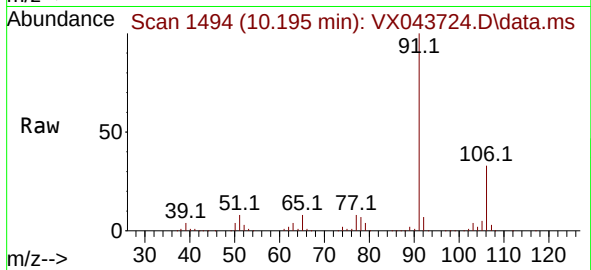




#52
Ethylbenzene
Concen: 45.316 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

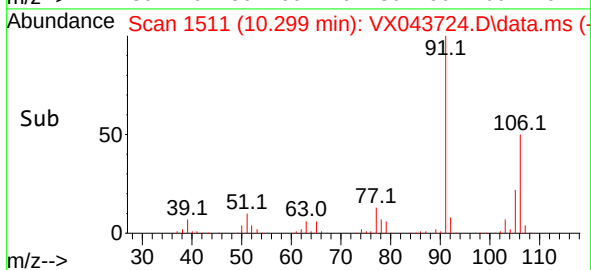
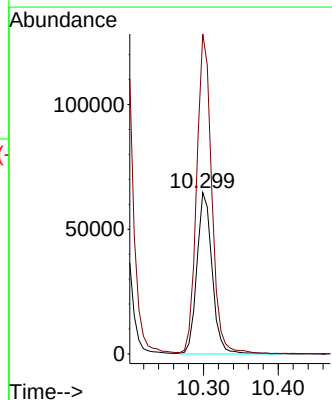
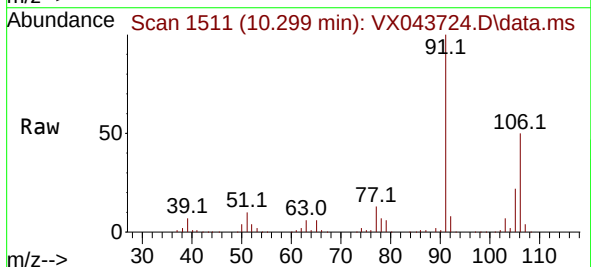
Instrument :
MSVOA_X
ClientSampleId :

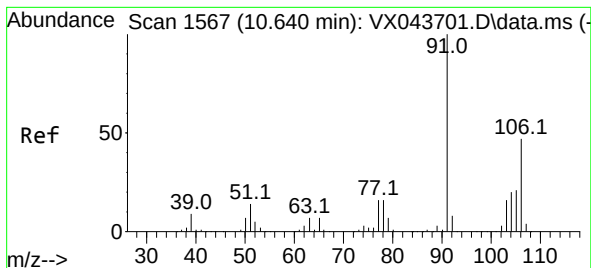
Tgt Ion: 91 Resp: 229992
Ion Ratio Lower Upper
91 100
106 32.7 21.9 40.7



#53
m,p-Xylene
Concen: 46.662 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion:106 Resp: 91419
Ion Ratio Lower Upper
106 100
91 198.1 140.6 261.2





#54

o-Xylene

Concen: 48.722 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

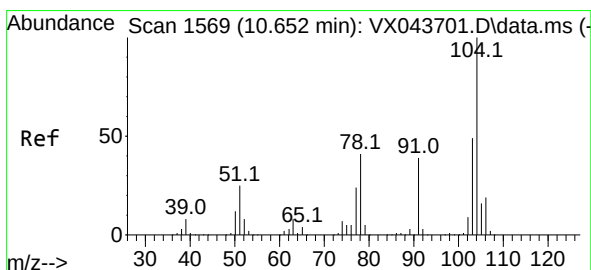
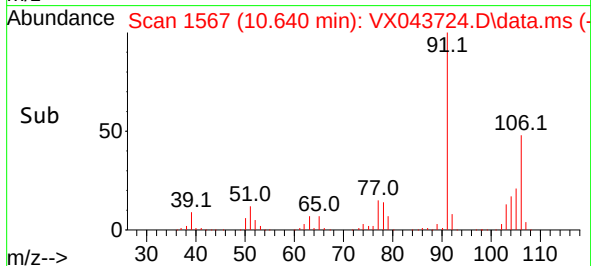
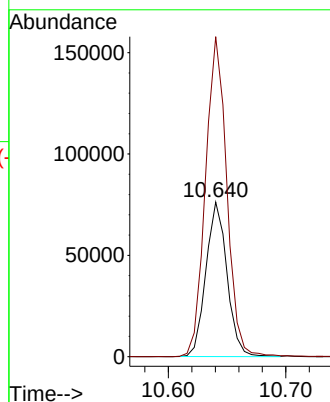
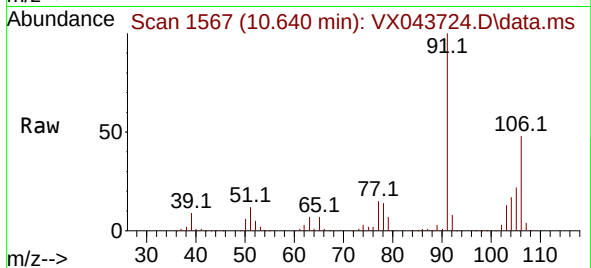
ClientSampleId :

Tgt Ion:106 Resp: 95164

Ion Ratio Lower Upper

106 100

91 207.1 151.9 282.1



#55

Styrene

Concen: 50.622 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043724.D

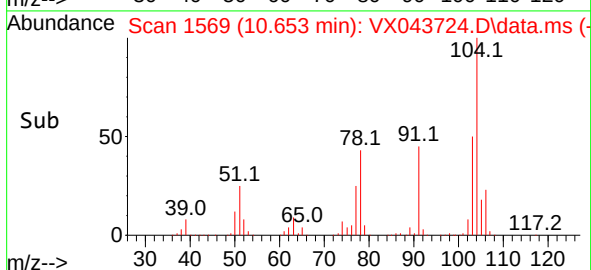
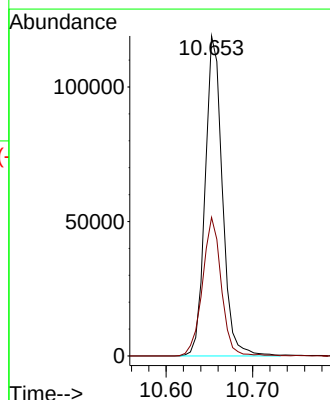
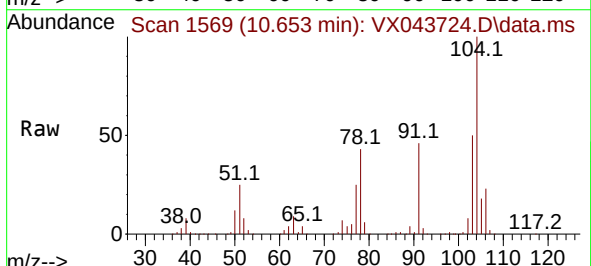
Acq: 05 Nov 2024 18:18

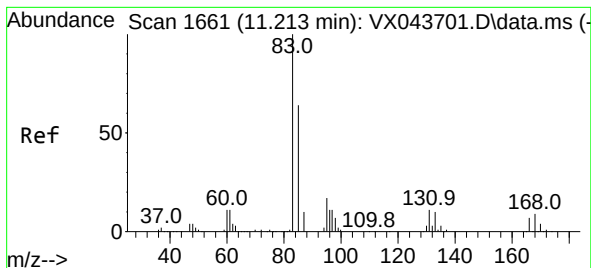
Tgt Ion:104 Resp: 164477

Ion Ratio Lower Upper

104 100

78 43.3 31.6 58.6

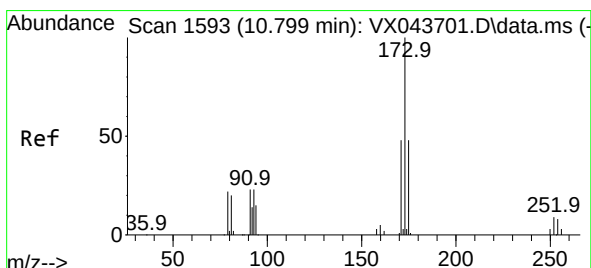
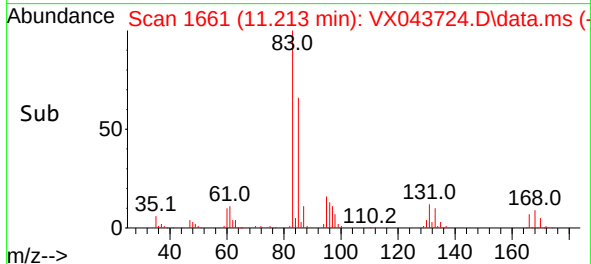
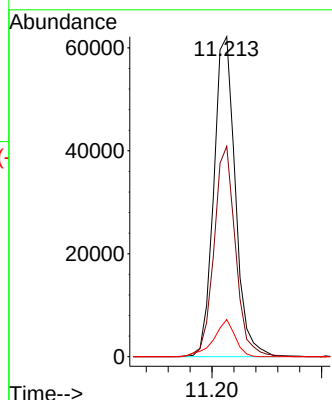
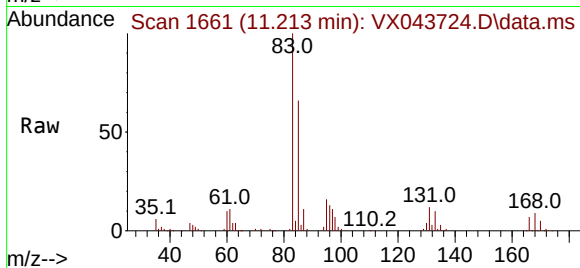




#57
1,1,2,2-Tetrachloroethane
Concen: 46.691 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

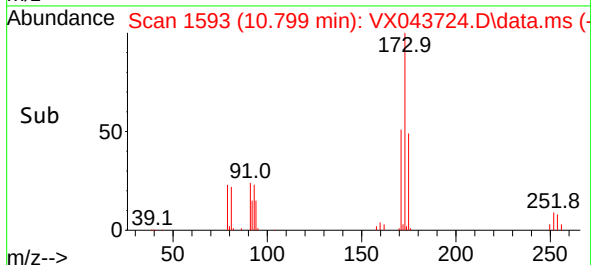
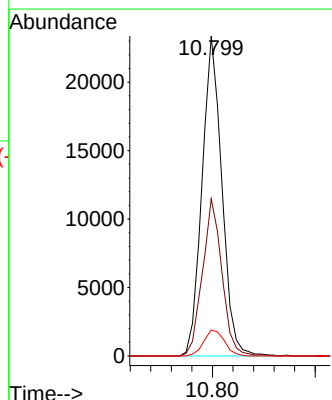
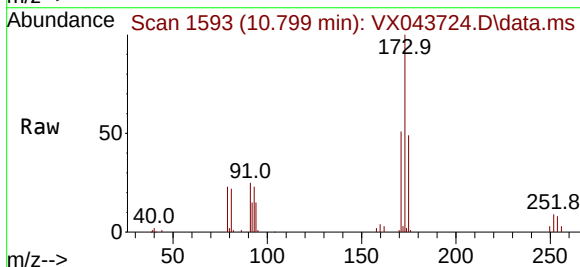
Instrument :
MSVOA_X
ClientSampleId :

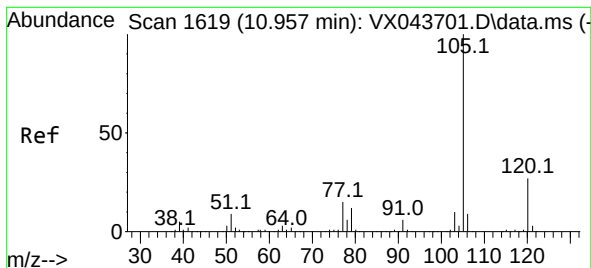
Tgt Ion: 83 Resp: 84795
Ion Ratio Lower Upper
83 100
85 65.7 45.2 84.0
131 11.6 8.3 12.5



#59
Bromoform
Concen: 41.249 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion:173 Resp: 31391
Ion Ratio Lower Upper
173 100
175 48.1 37.0 55.6
254 8.5 6.4 9.6





#60

Isopropylbenzene

Concen: 44.345 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

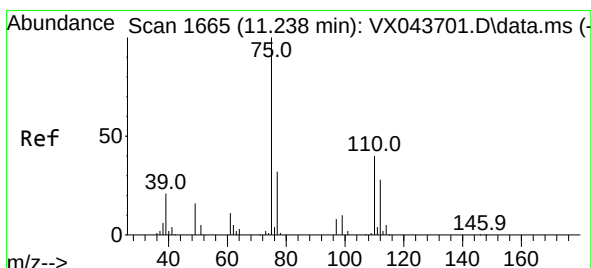
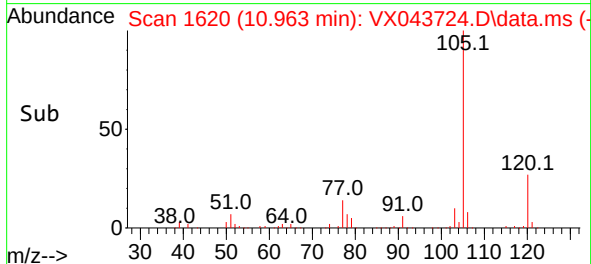
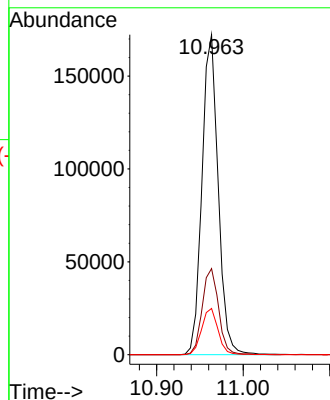
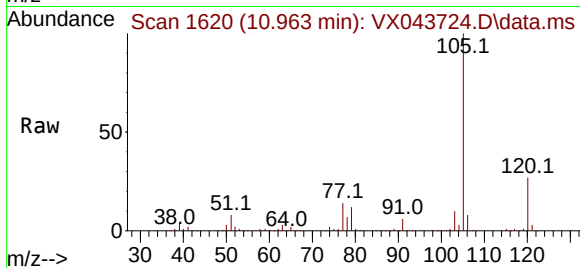
Tgt Ion:105 Resp: 223708

Ion Ratio Lower Upper

105 100

120 27.2 21.1 31.7

77 14.6 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 45.946 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

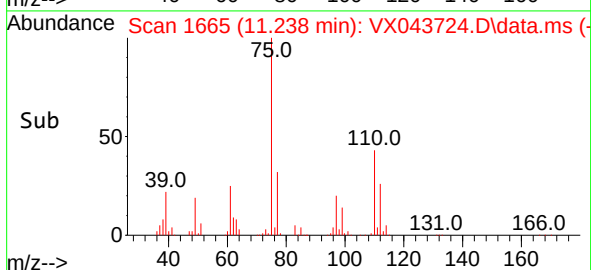
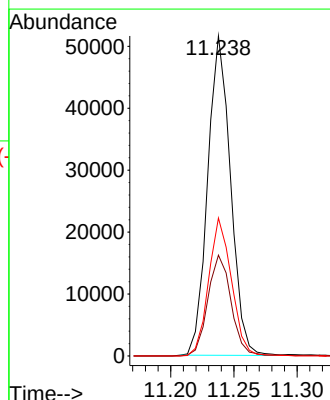
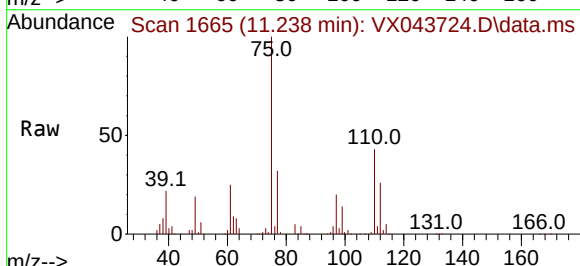
Tgt Ion: 75 Resp: 64886

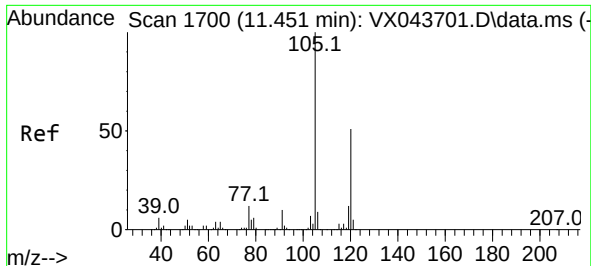
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

110 43.1 33.6 50.4

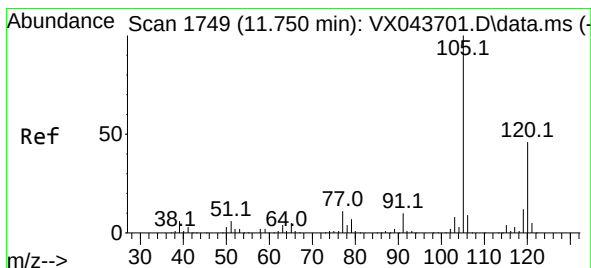
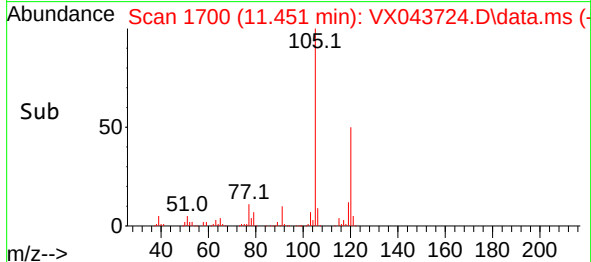
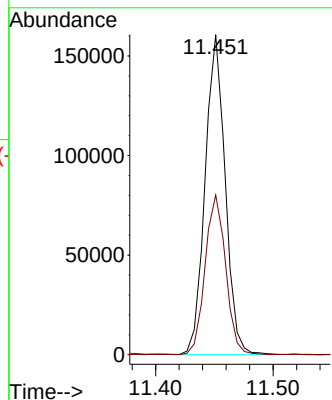
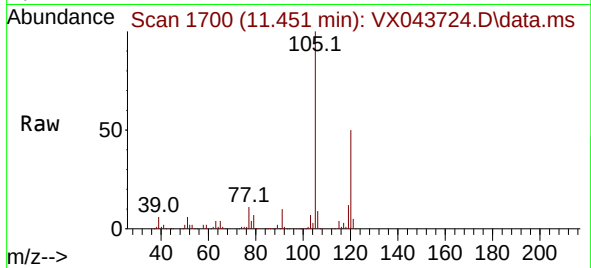




#62
 1,3,5-Trimethylbenzene
 Concen: 45.044 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX043724.D
 Acq: 05 Nov 2024 18:18

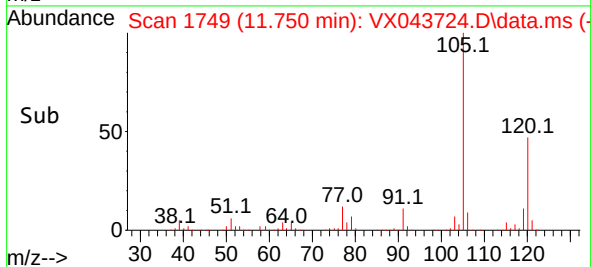
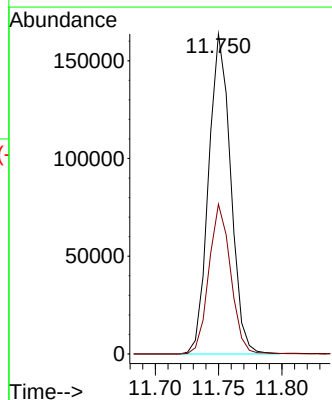
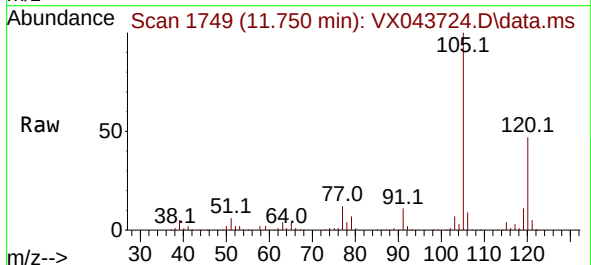
Instrument :
 MSVOA_X
 ClientSampleId :

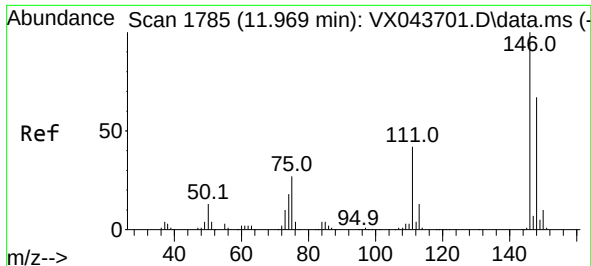
Tgt Ion:105 Resp: 191003
 Ion Ratio Lower Upper
 105 100
 120 50.8 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 47.106 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX043724.D
 Acq: 05 Nov 2024 18:18

Tgt Ion:105 Resp: 198881
 Ion Ratio Lower Upper
 105 100
 120 46.2 35.7 53.5

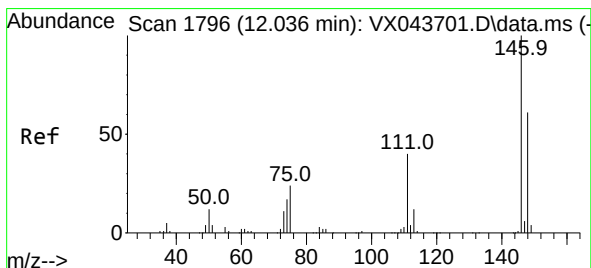
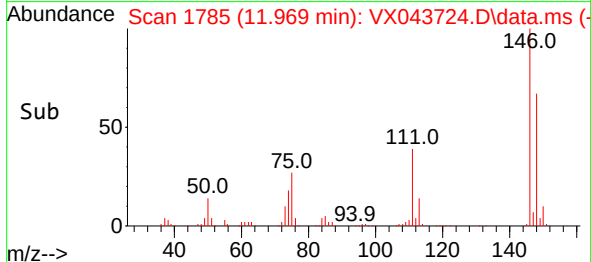
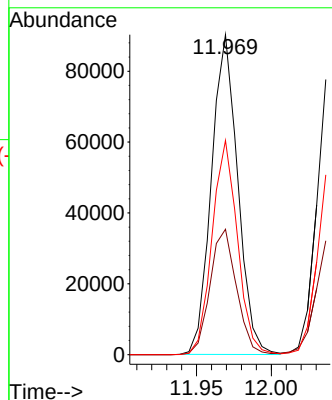
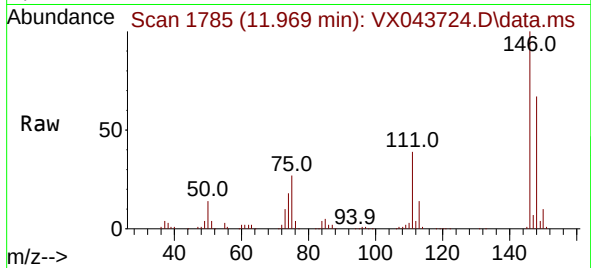




#64
1,3-Dichlorobenzene
Concen: 49.790 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

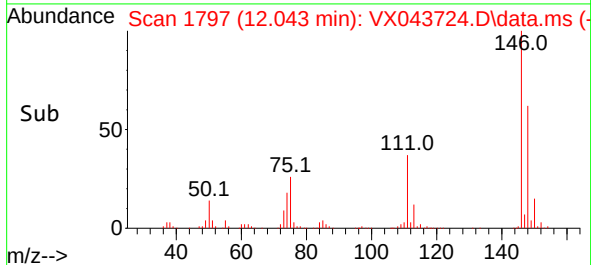
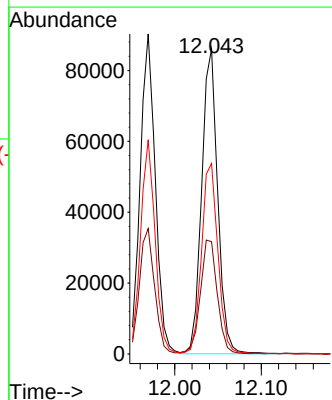
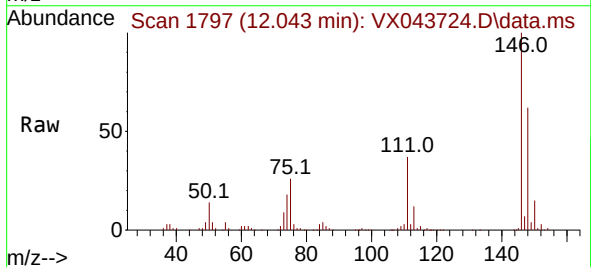
Instrument :
MSVOA_X
ClientSampleId :

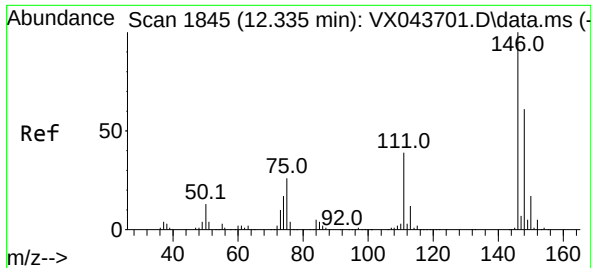
Tgt Ion:146 Resp: 110486
Ion Ratio Lower Upper
146 100
111 39.2 28.3 52.5
148 67.0 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 49.448 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion:146 Resp: 110517
Ion Ratio Lower Upper
146 100
111 36.8 28.9 53.7
148 62.5 45.0 83.6

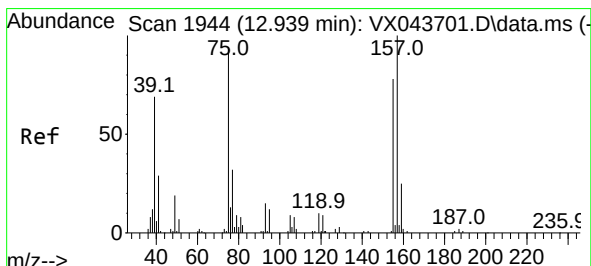
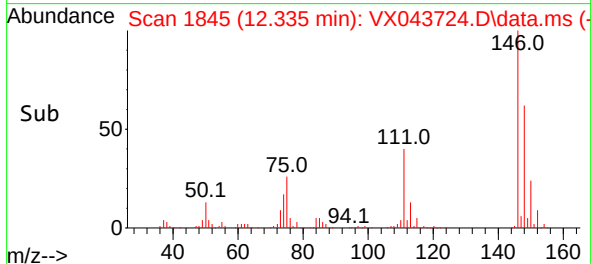
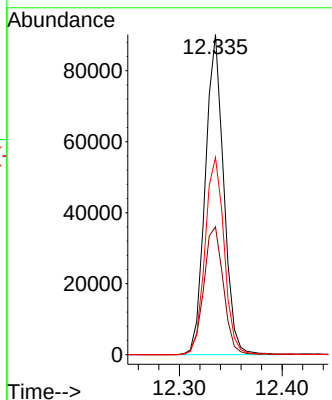
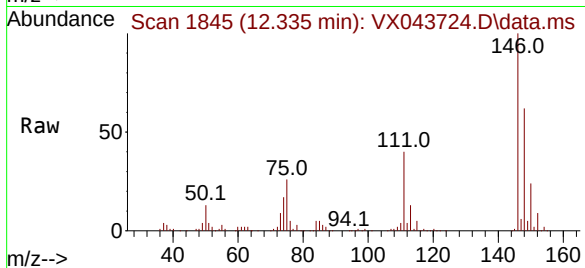




#67
1,2-Dichlorobenzene
Concen: 49.627 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

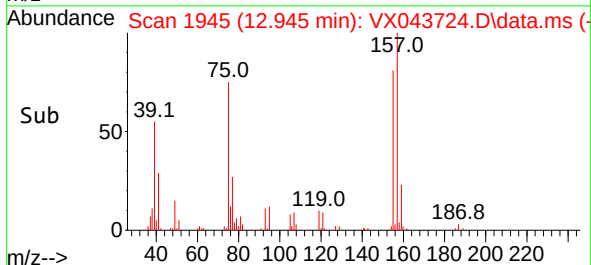
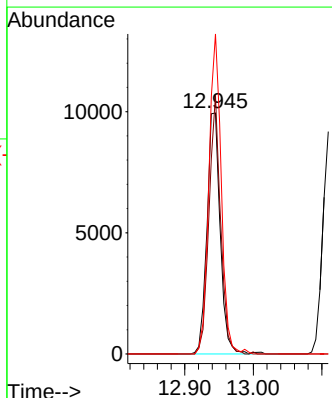
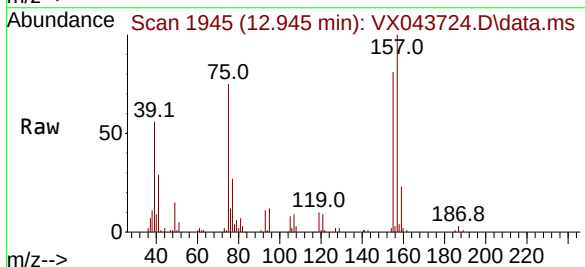
Instrument :
MSVOA_X
ClientSampleId :

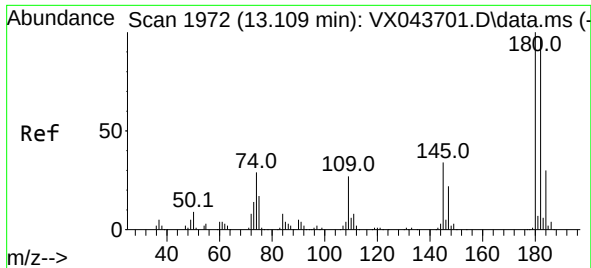
Tgt Ion:146 Resp: 112536
Ion Ratio Lower Upper
146 100
111 39.9 33.9 50.9
148 61.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 37.834 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043724.D
Acq: 05 Nov 2024 18:18

Tgt Ion: 75 Resp: 13379
Ion Ratio Lower Upper
75 100
155 107.3 63.8 95.8#
157 132.8 80.3 120.5#





#69

1,3,5-Trichlorobenzene

Concen: 48.549 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

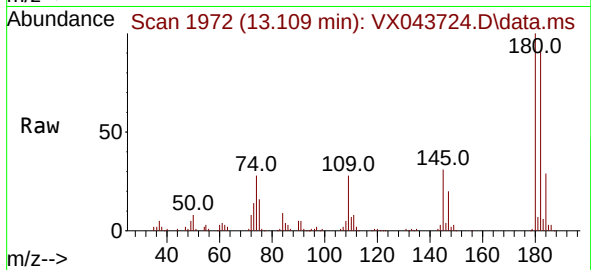
Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 71853

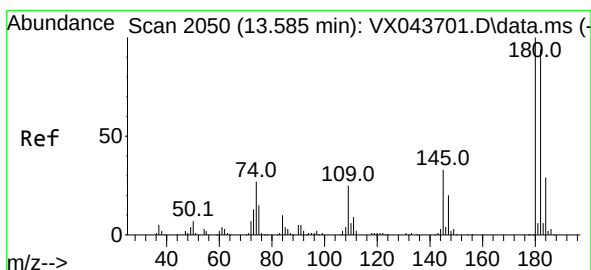
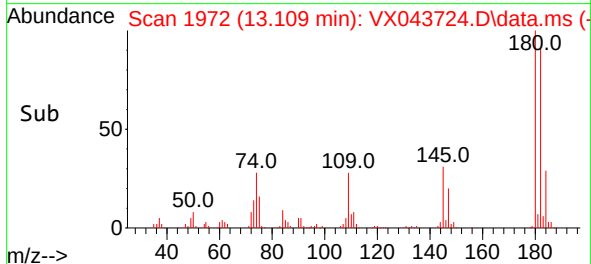
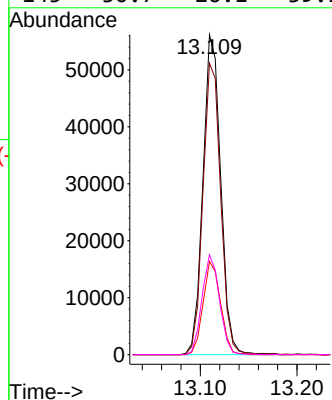
Ion Ratio Lower Upper

180 100

182 90.8 74.7 112.1

184 28.6 23.7 35.5

145 30.7 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 45.161 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

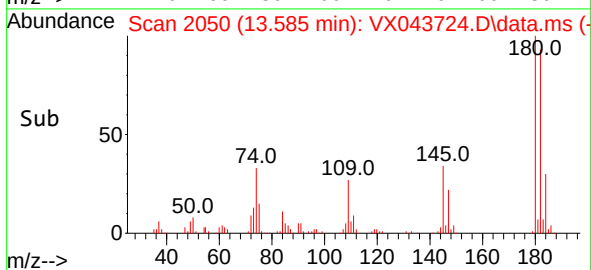
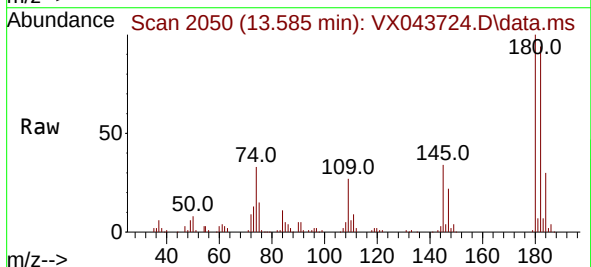
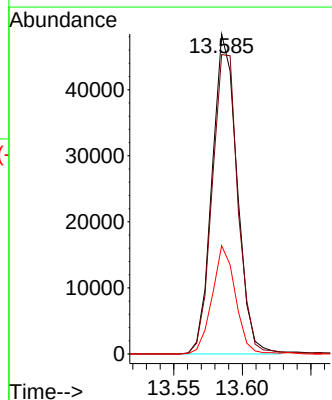
Tgt Ion:180 Resp: 61284

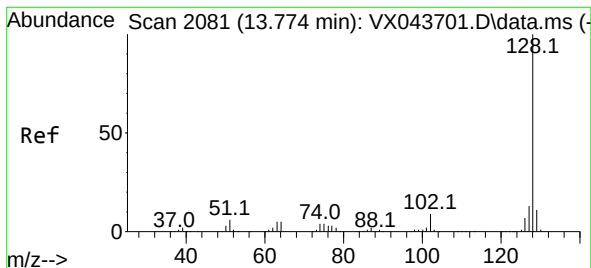
Ion Ratio Lower Upper

180 100

182 97.0 75.9 113.9

145 31.5 26.9 40.3





#71

Naphthalene

Concen: 44.640 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

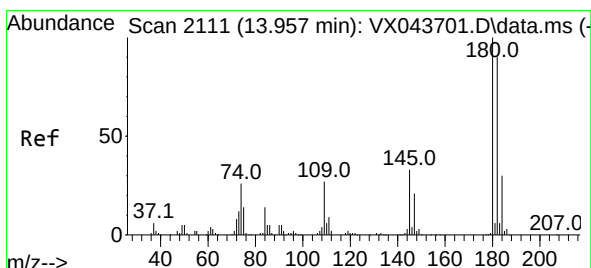
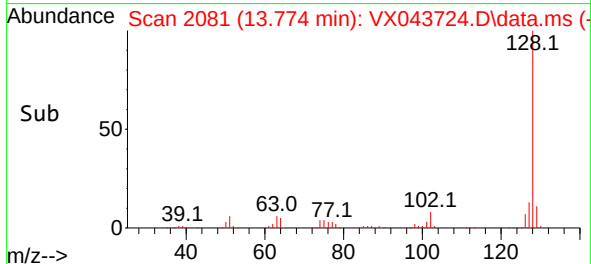
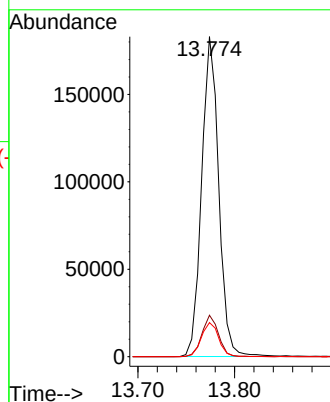
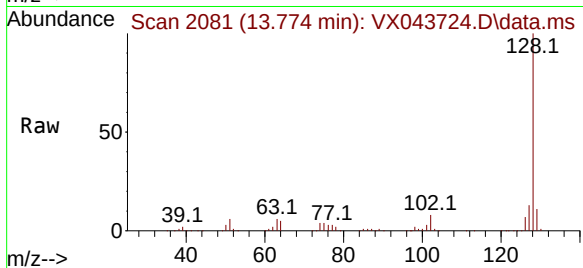
Tgt Ion:128 Resp: 224955

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 46.041 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043724.D

Acq: 05 Nov 2024 18:18

Tgt Ion:180 Resp: 64571

Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.8

145 34.4 28.4 42.6

