

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121924\
 Data File : VX044436.D
 Acq On : 19 Dec 2024 15:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 04:40:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.756	114	227934	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	204509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	95512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	95595	45.830	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.660%
7) Chloroethane-d5	1.642	69	68775	42.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.120%
11) 1,1-Dichloroethene-d2	2.294	65	38020	42.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.240%
21) 2-Butanone-d5	4.458	46	96870	75.853	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.850%
24) Chloroform-d	5.056	84	166947	42.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.300%
26) 1,2-Dichloroethane-d4	5.952	65	106363	37.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.960%
32) Benzene-d6	5.970	84	306269	43.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	7.305	67	93179	42.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.940%
41) Toluene-d8	8.646	98	276690	42.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
43) trans-1,3-Dichloroprop...	8.951	79	40761	38.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.320%
47) 2-Hexanone-d5	9.384	63	67035	78.355	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.360%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	123937	42.125	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.240%
66) 1,2-Dichlorobenzene-d4	12.316	152	93894	42.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81494	44.088	ug/L	99
3) Chloromethane	1.294	50	80480	47.196	ug/L	95
5) Vinyl chloride	1.373	62	85129	46.272	ug/L	92
6) Bromomethane	1.593	94	56994	45.579	ug/L	99
8) Chloroethane	1.666	64	59327	48.711	ug/L	96
9) Trichlorofluoromethane	1.867	101	146374	42.702	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	73974	49.001	ug/L	97
12) 1,1-Dichloroethene	2.306	96	65143	48.480	ug/L #	74
13) Acetone	2.385	43	72528	63.825	ug/L	96
14) Carbon disulfide	2.501	76	98181	38.571	ug/L	99
15) Methyl Acetate	2.702	43	83777	45.463	ug/L	98
16) Methylene chloride	2.782	84	78850	50.993	ug/L	93
17) trans-1,2-Dichloroethene	3.086	96	65146	46.551	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	258141	45.713	ug/L	97
19) 1,1-Dichloroethane	3.605	63	142577	48.564	ug/L	99
20) cis-1,2-Dichloroethene	4.482	96	83886	49.033	ug/L	96
22) 2-Butanone	4.562	43	111467	81.271	ug/L	99
23) Bromochloromethane	4.891	128	42434	50.861	ug/L	94
25) Chloroform	5.086	83	158291	47.905	ug/L	93

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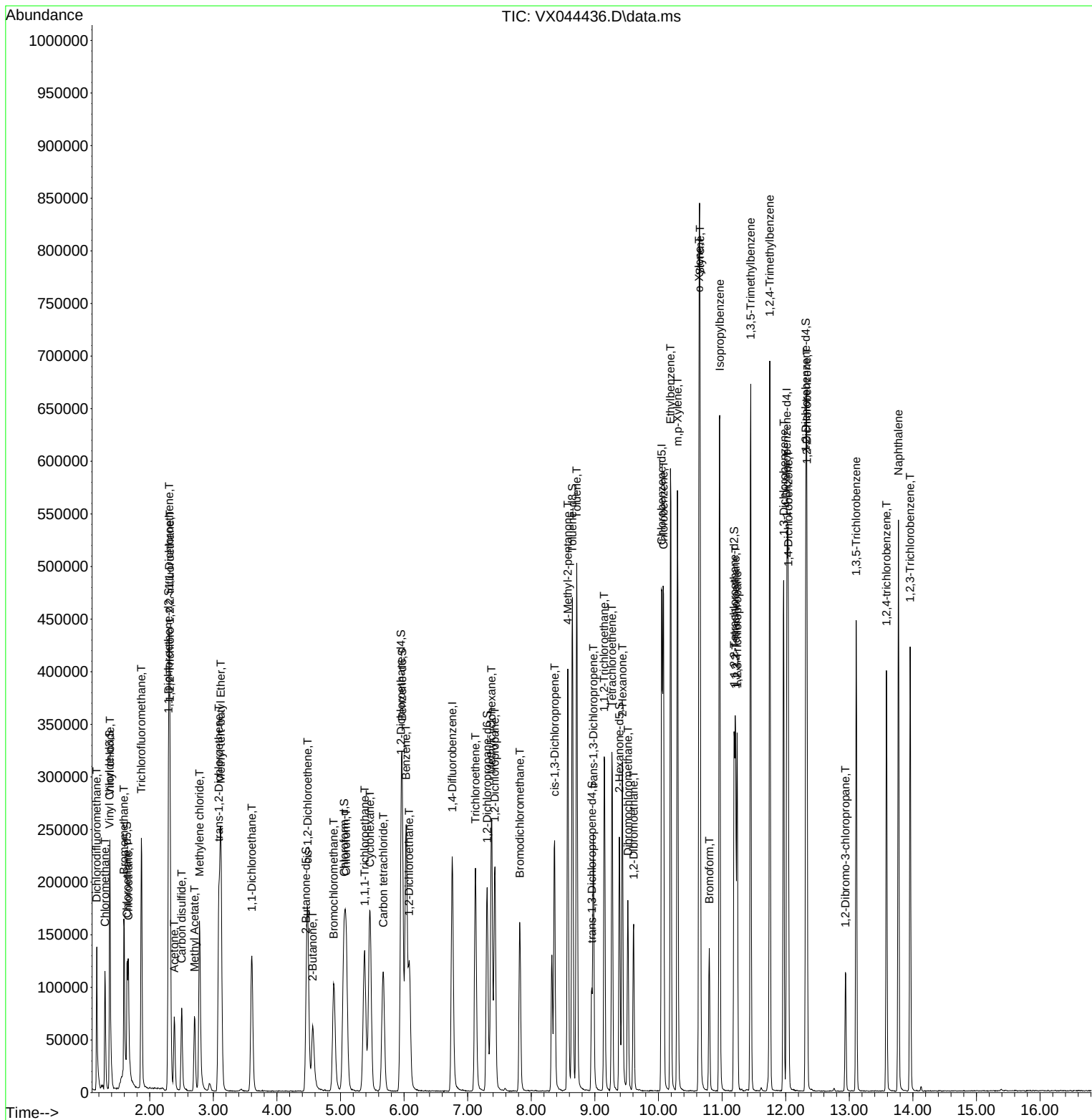
Instrument :
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 ClientSampleId :

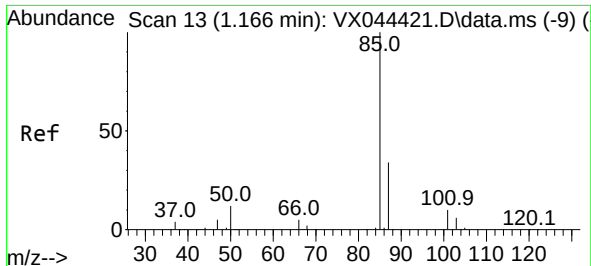
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	126968	46.221	ug/L	98
29) Cyclohexane	5.464	56	114484	45.118	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	128144	46.159	ug/L	96
31) Carbon tetrachloride	5.671	117	102047	46.930	ug/L	99
33) Benzene	6.031	78	299219	48.181	ug/L	100
34) Trichloroethene	7.122	95	79972	47.166	ug/L	96
35) Methylcyclohexane	7.372	83	116397	47.389	ug/L	100
37) 1,2-Dichloropropane	7.427	63	82005	49.176	ug/L	100
38) Bromodichloromethane	7.817	83	101052	46.252	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	119593	45.787	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	233530	90.456	ug/L	95
42) Toluene	8.713	91	315400	47.931	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	112677	45.514	ug/L	98
45) 1,1,2-Trichloroethane	9.146	97	84959	49.715	ug/L	98
46) Tetrachloroethene	9.268	164	55894	49.418	ug/L	96
48) 2-Hexanone	9.433	43	166986	82.149	ug/L	97
49) Dibromochloromethane	9.518	129	74302	49.190	ug/L	98
50) 1,2-Dibromoethane	9.610	107	83813	47.491	ug/L	98
51) Chlorobenzene	10.079	112	200819	47.568	ug/L	97
52) Ethylbenzene	10.189	91	348327	48.056	ug/L	99
53) m,p-Xylene	10.299	106	131034	49.911	ug/L	96
54) o-Xylene	10.640	106	130025	48.163	ug/L	100
55) Styrene	10.652	104	222228	50.470	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	128546	48.490	ug/L	99
59) Bromoform	10.798	173	44356	46.284	ug/L	97
60) Isopropylbenzene	10.963	105	348379	47.269	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	98712	44.622	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	283820	46.403	ug/L	100
63) 1,2,4-Trimethylbenzene	11.749	105	284299	47.362	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	150270	49.163	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	149545	48.892	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	152045	48.992	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.938	75	20694	41.160	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	95648	50.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	84726	49.877	ug/L	96
71) Naphthalene	13.774	128	313357	45.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.956	180	89621	49.663	ug/L	98

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

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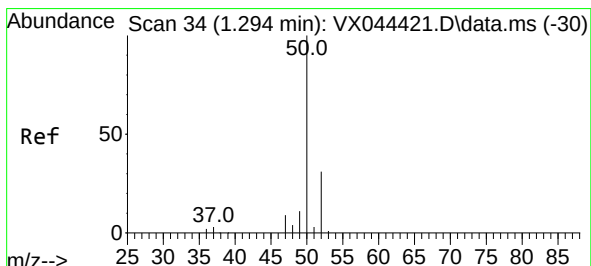
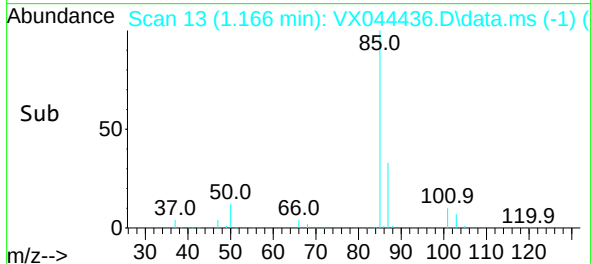
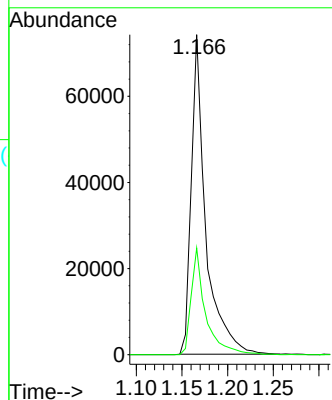
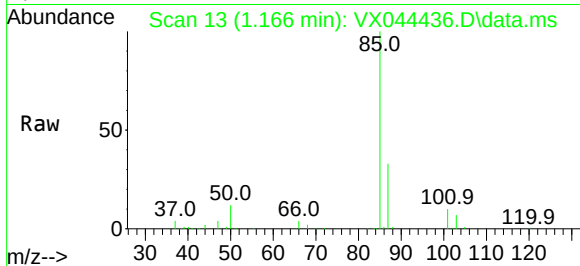




#2
Dichlorodifluoromethane
Concen: 44.088 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

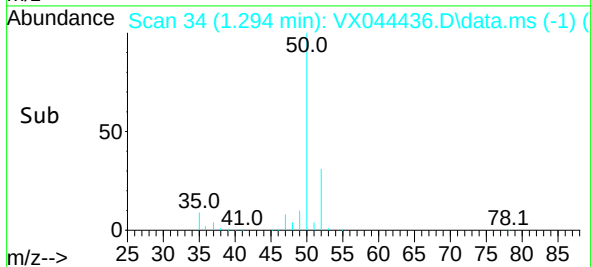
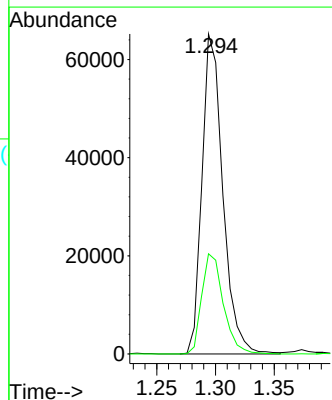
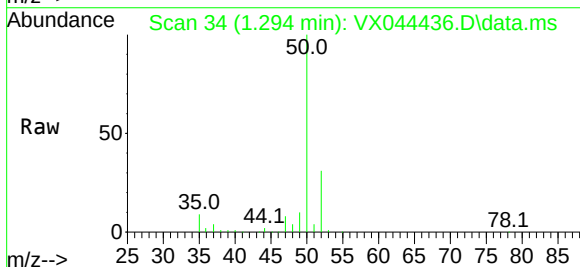
Instrument :
MSVOA_X
ClientSampleId :

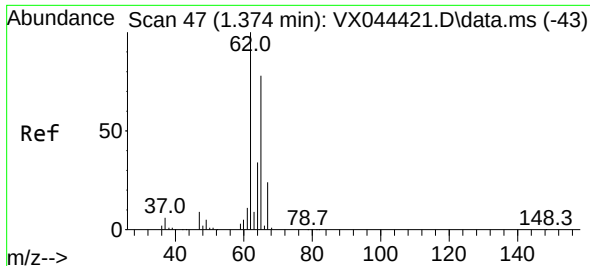
Tgt Ion: 85 Resp: 81494
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1



#3
Chloromethane
Concen: 47.196 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion: 50 Resp: 80480
Ion Ratio Lower Upper
50 100
52 31.3 23.9 44.3

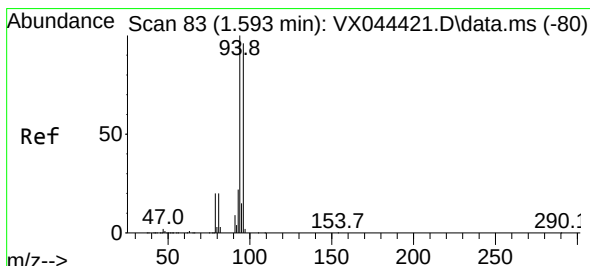
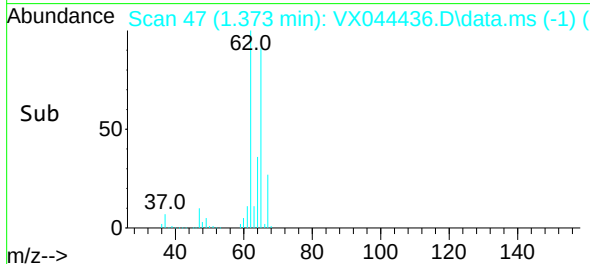
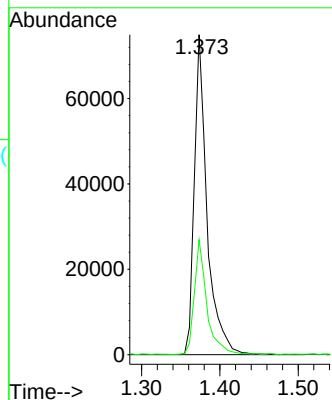
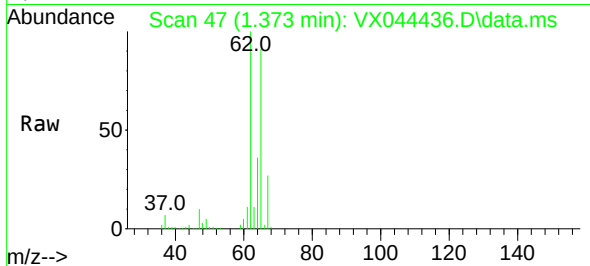




#5
 Vinyl chloride
 Concen: 46.272 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044436.D
 Acq: 19 Dec 2024 15:49

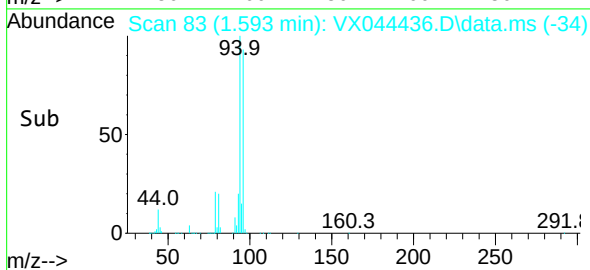
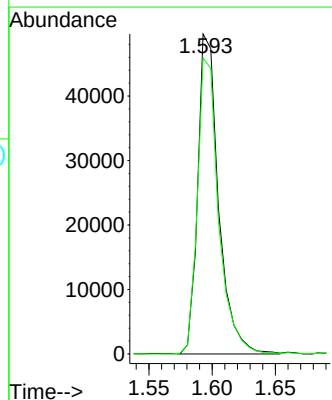
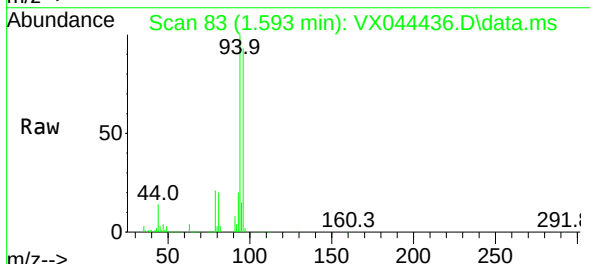
Instrument :
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 ClientSampleId :

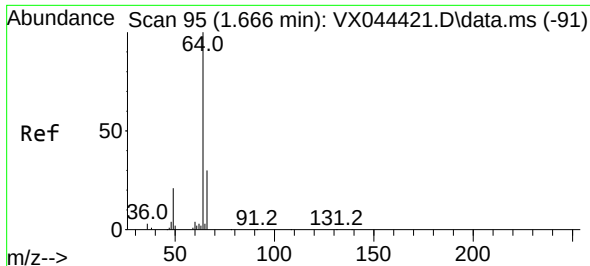
Tgt Ion: 62 Resp: 85129
 Ion Ratio Lower Upper
 62 100
 64 35.9 22.2 41.2



#6
 Bromomethane
 Concen: 45.579 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044436.D
 Acq: 19 Dec 2024 15:49

Tgt Ion: 94 Resp: 56994
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.2 119.2

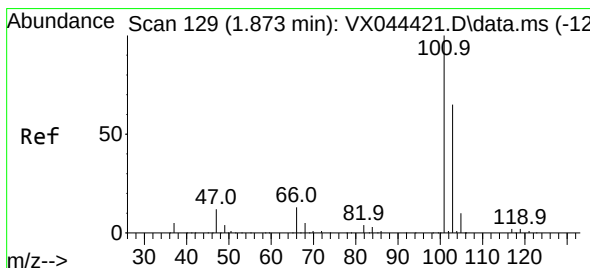
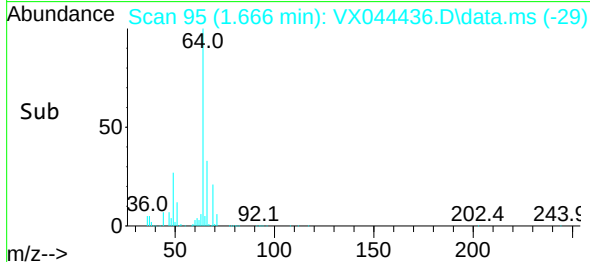
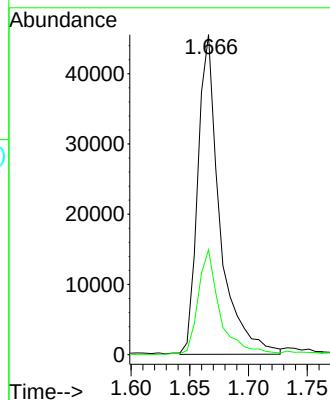
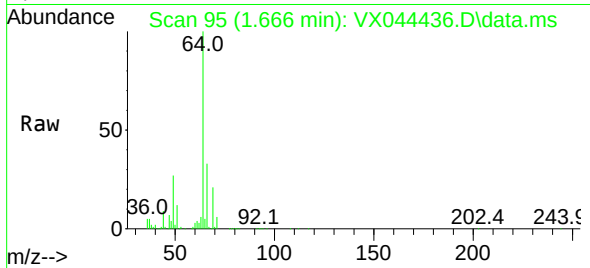




#8
 Chloroethane
 Concen: 48.711 ug/L
 RT: 1.666 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX044436.D
 Acq: 19 Dec 2024 15:49

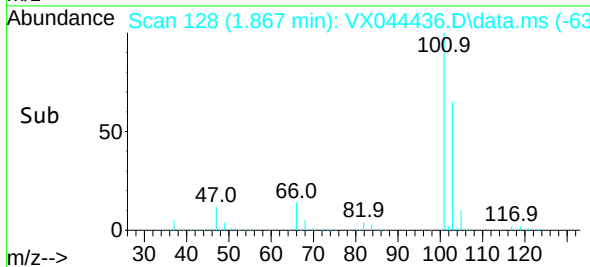
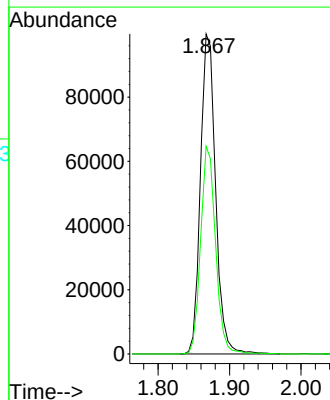
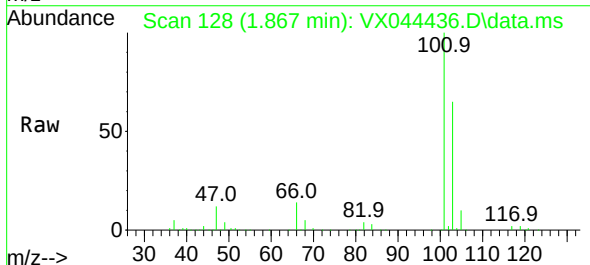
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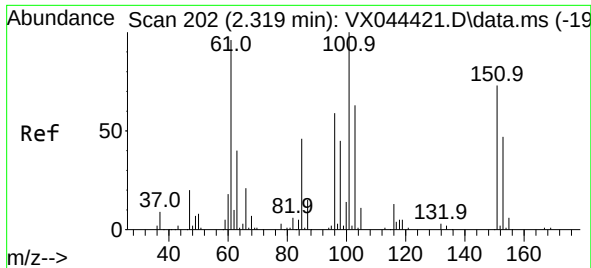
Tgt Ion: 64 Resp: 59327
 Ion Ratio Lower Upper
 64 100
 66 32.8 21.5 39.9



#9
 Trichlorofluoromethane
 Concen: 42.702 ug/L
 RT: 1.867 min Scan# 128
 Delta R.T. -0.006 min
 Lab File: VX044436.D
 Acq: 19 Dec 2024 15:49

Tgt Ion: 101 Resp: 146374
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.8 76.2

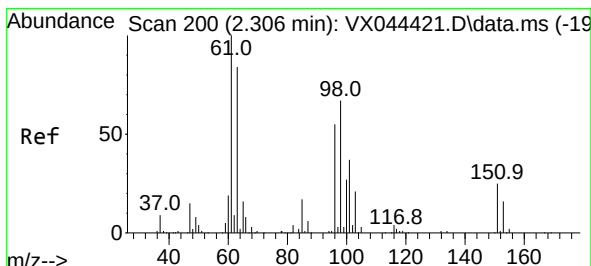
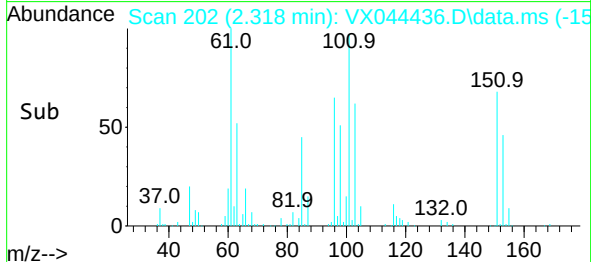
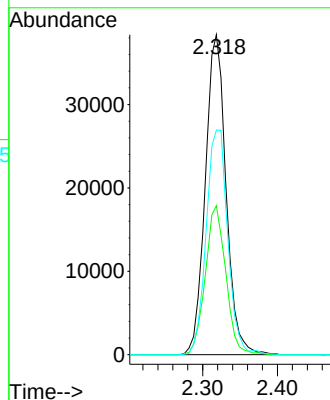
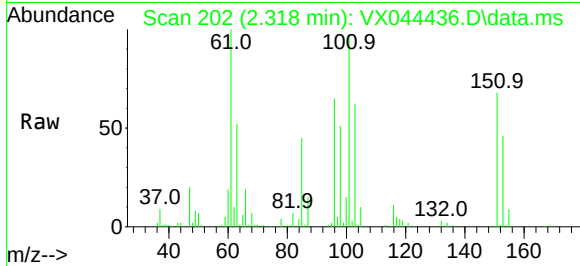




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.001 ug/L
 RT: 2.318 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX044436.D
 Acq: 19 Dec 2024 15:49

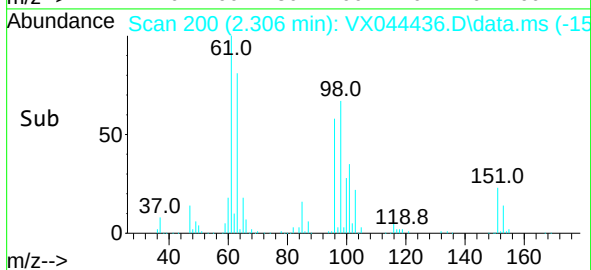
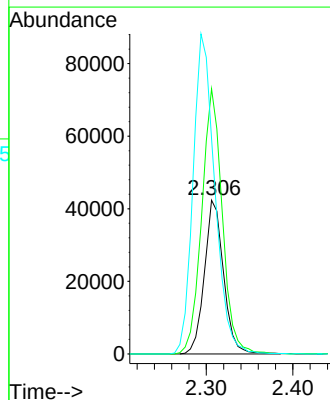
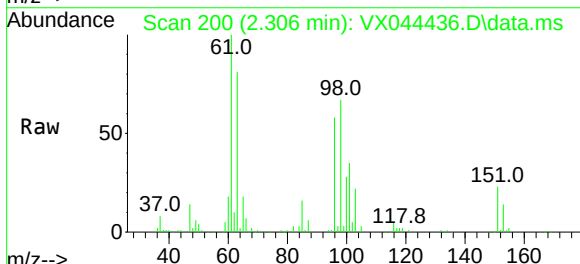
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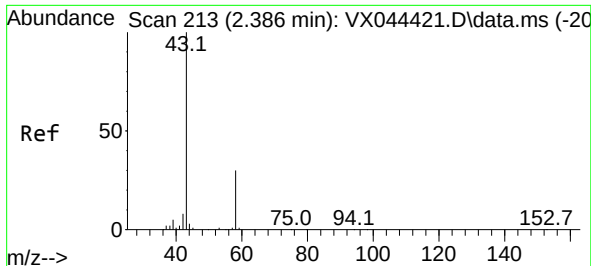
Tgt Ion:101 Resp: 73974
 Ion Ratio Lower Upper
 101 100
 85 46.0 33.9 50.9
 151 72.2 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 48.480 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX044436.D
 Acq: 19 Dec 2024 15:49

Tgt Ion: 96 Resp: 65143
 Ion Ratio Lower Upper
 96 100
 61 172.5 109.3 203.1
 63 140.0 65.7 122.1#





#13

Acetone

Concen: 63.825 ug/L

RT: 2.385 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

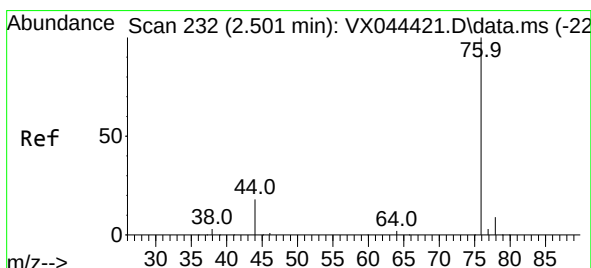
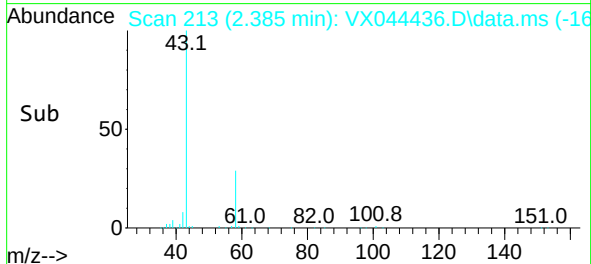
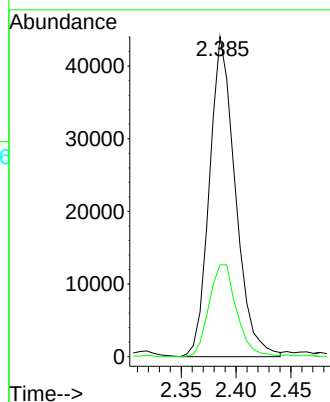
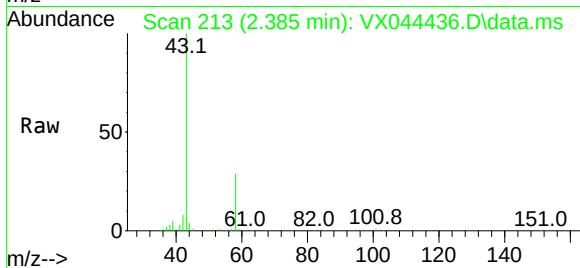
ClientSampleId :

Tgt Ion: 43 Resp: 72528

Ion Ratio Lower Upper

43 100

58 30.5 0.0 66.0



#14

Carbon disulfide

Concen: 38.571 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044436.D

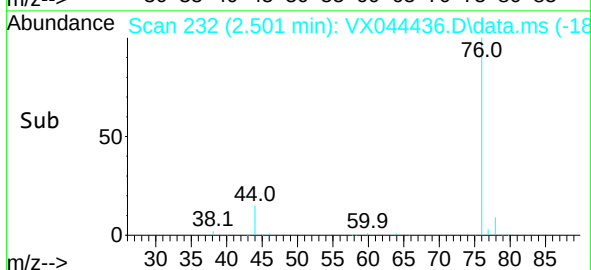
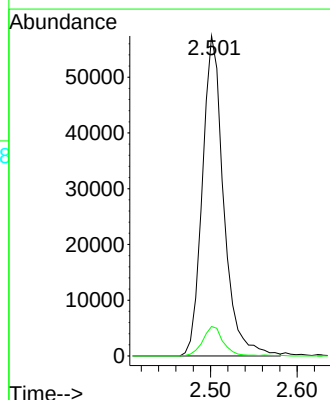
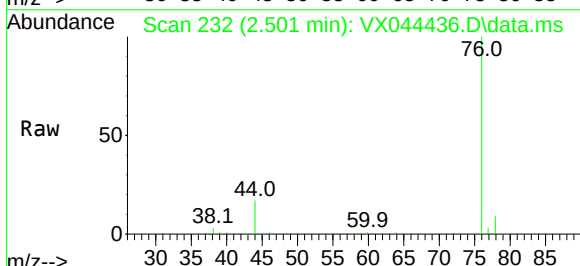
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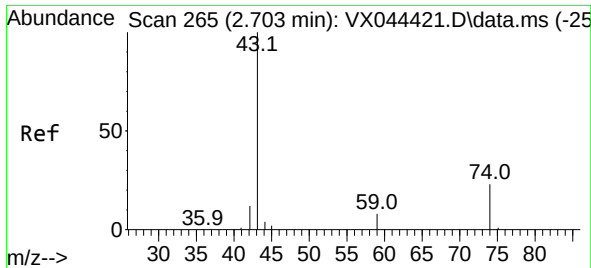
Tgt Ion: 76 Resp: 98181

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

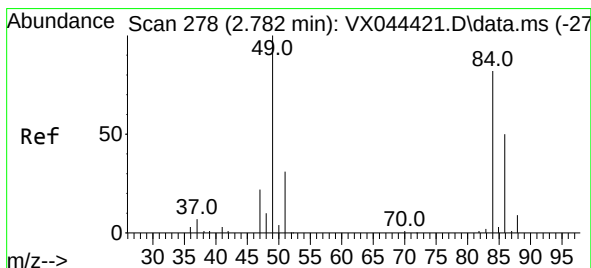
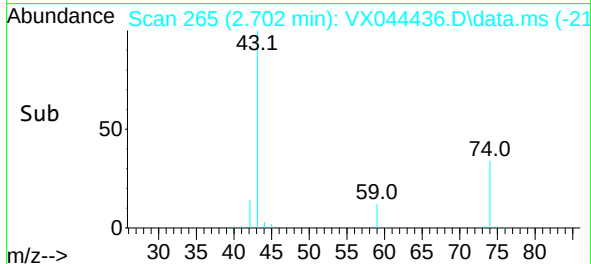
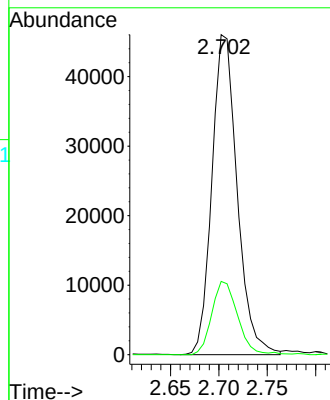
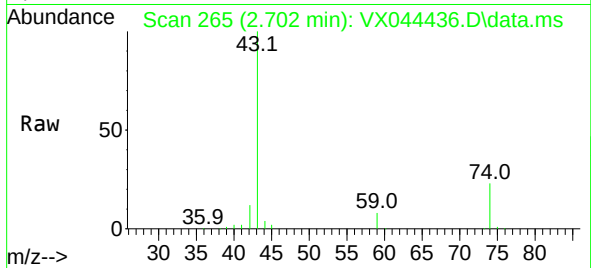




#15
Methyl Acetate
Concen: 45.463 ug/L
RT: 2.702 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

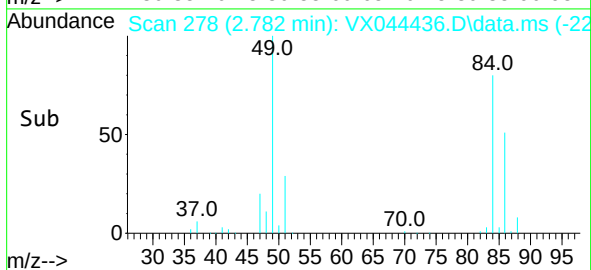
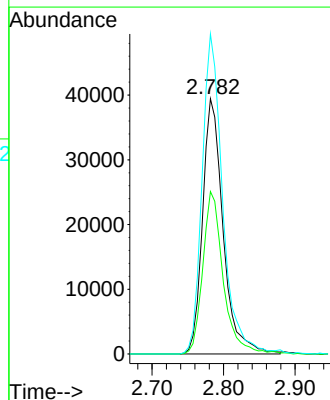
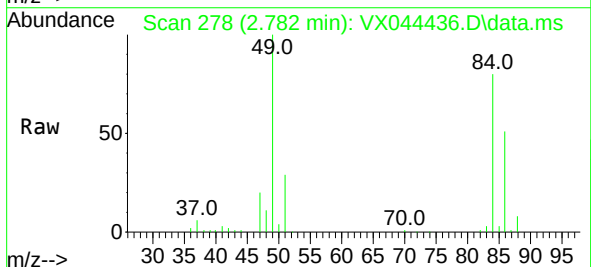
Instrument :
MSVOA_X
ClientSampleId :

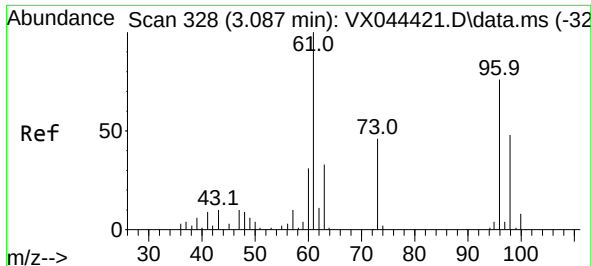
Tgt Ion: 43 Resp: 83777
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#16
Methylene chloride
Concen: 50.993 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion: 84 Resp: 78850
Ion Ratio Lower Upper
84 100
86 63.6 46.0 85.4
49 125.3 80.8 150.2





#17

trans-1,2-Dichloroethene

Concen: 46.551 ug/L

RT: 3.086 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

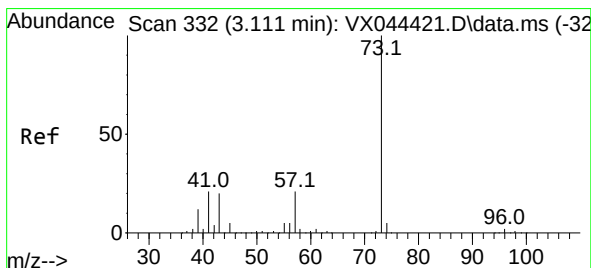
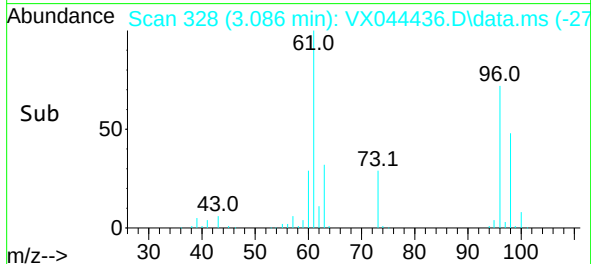
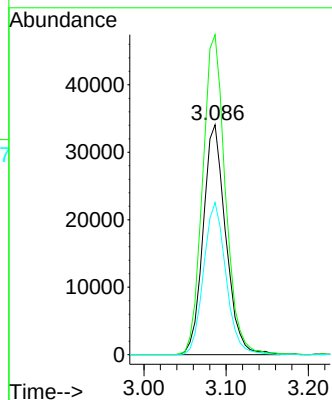
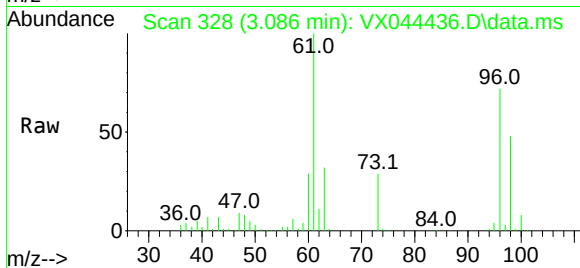
Tgt Ion: 96 Resp: 65146

Ion Ratio Lower Upper

96 100

61 139.2 95.7 177.7

98 66.2 47.2 87.6



#18

Methyl tert-butyl Ether

Concen: 45.713 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

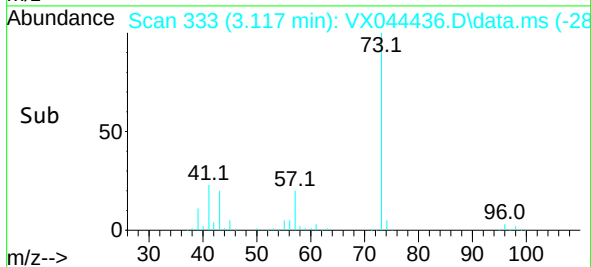
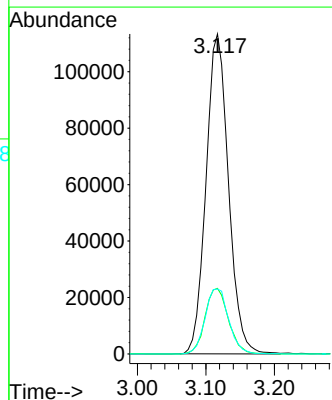
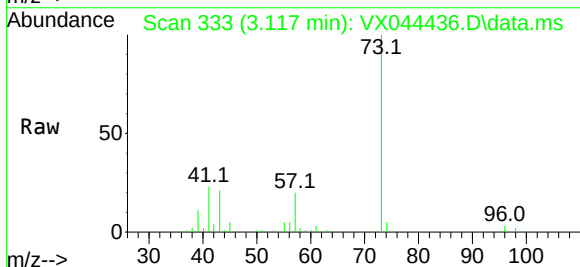
Tgt Ion: 73 Resp: 258141

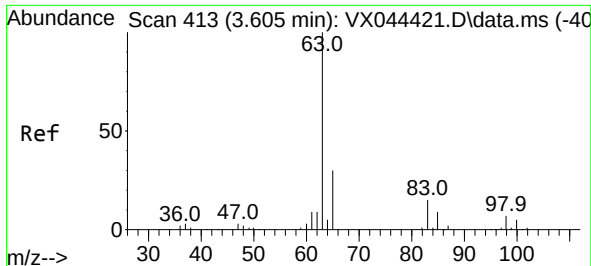
Ion Ratio Lower Upper

73 100

43 21.3 15.2 22.8

57 21.4 17.0 25.6





#19

1,1-Dichloroethane

Concen: 48.564 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

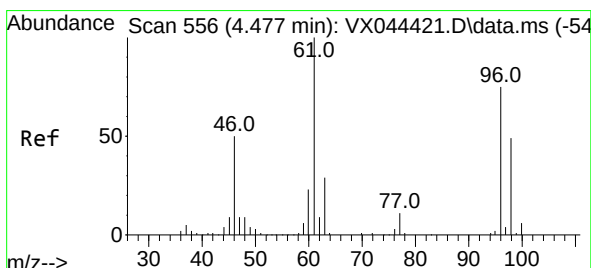
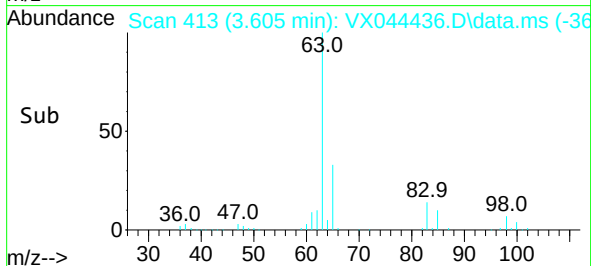
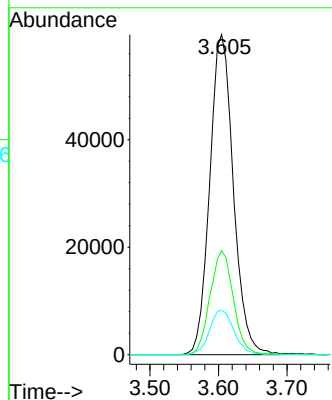
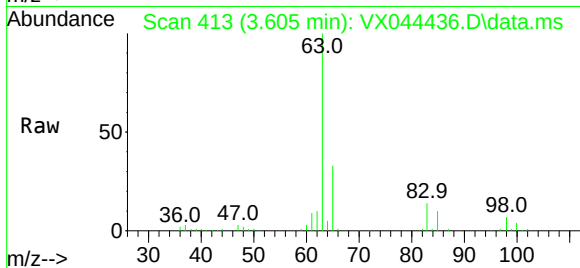
Tgt Ion: 63 Resp: 142577

Ion Ratio Lower Upper

63 100

65 32.5 23.2 43.2

83 13.8 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 49.033 ug/L

RT: 4.482 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

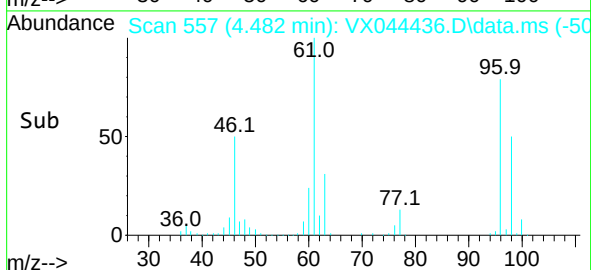
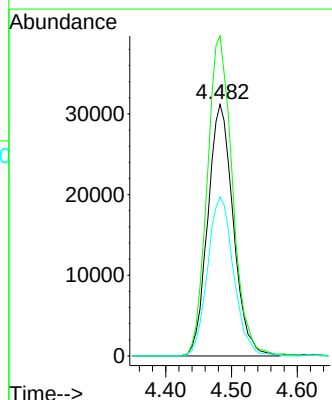
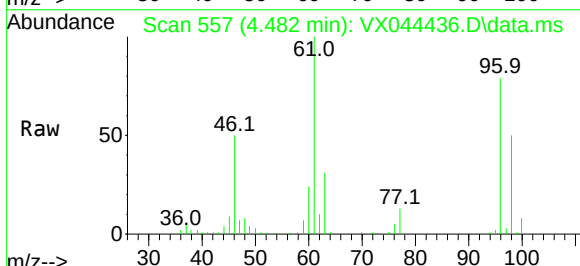
Tgt Ion: 96 Resp: 83886

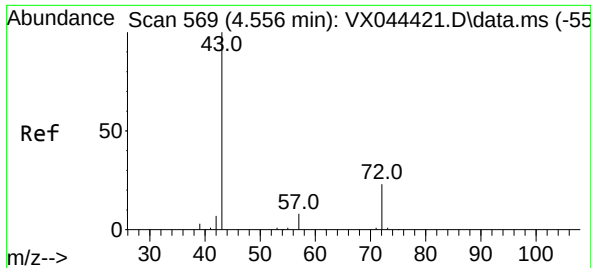
Ion Ratio Lower Upper

96 100

61 127.2 85.0 158.0

98 63.1 44.6 82.8

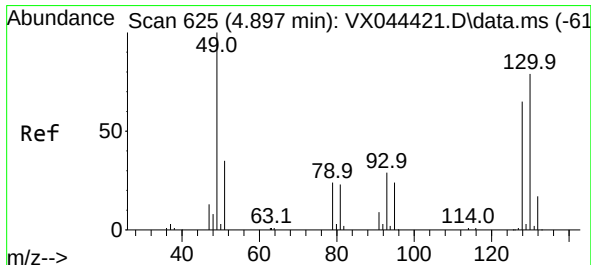
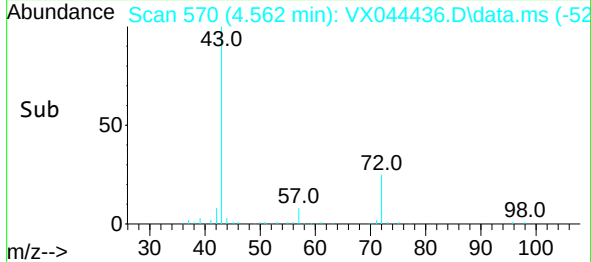
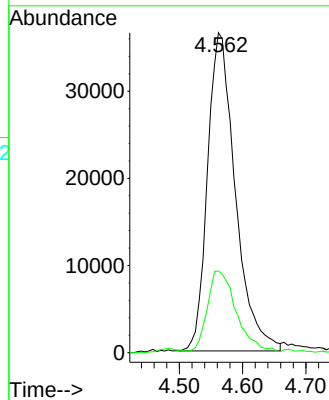
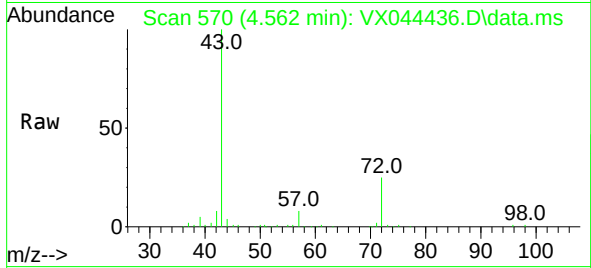




#22
2-Butanone
Concen: 81.271 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

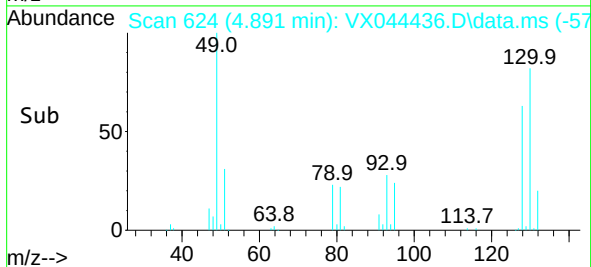
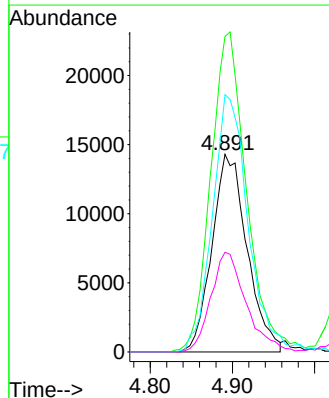
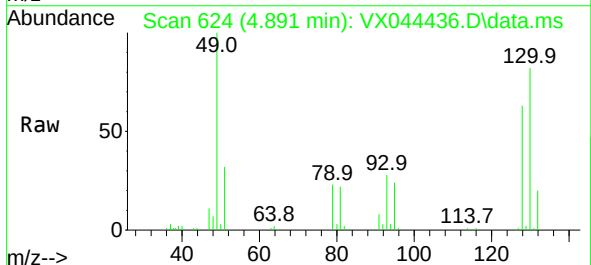
Instrument :
MSVOA_X
ClientSampleId :

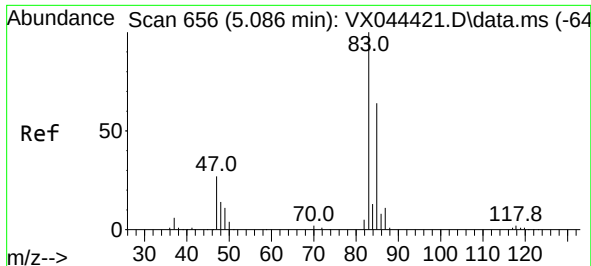
Tgt Ion: 43 Resp: 111467
Ion Ratio Lower Upper
43 100
72 26.8 13.1 39.3



#23
Bromochloromethane
Concen: 50.861 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion:128 Resp: 42434
Ion Ratio Lower Upper
128 100
49 159.7 103.7 192.5
130 130.3 89.1 165.5
51 50.4 36.6 55.0





#25

Chloroform

Concen: 47.905 ug/L

RT: 5.086 min Scan# 6

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

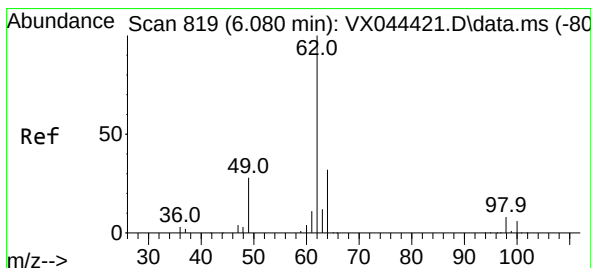
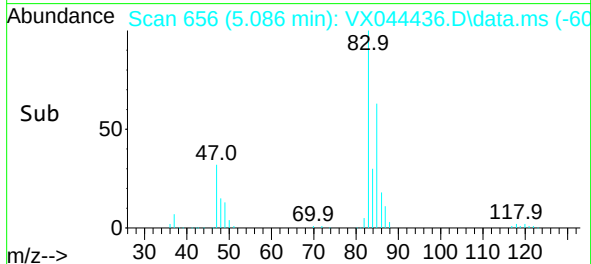
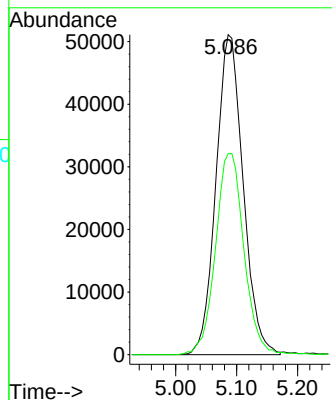
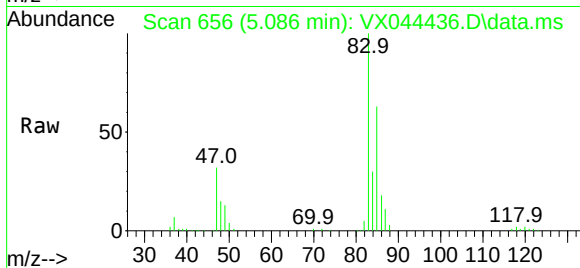
ClientSampleId :

Tgt Ion: 83 Resp: 158291

Ion Ratio Lower Upper

83 100

85 62.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 46.221 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX044436.D

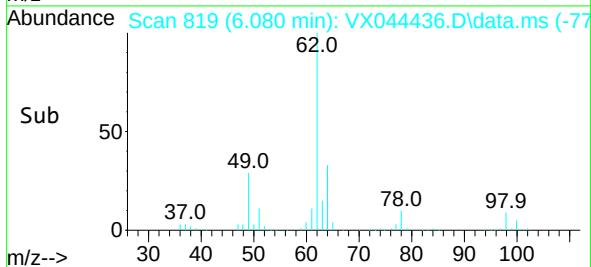
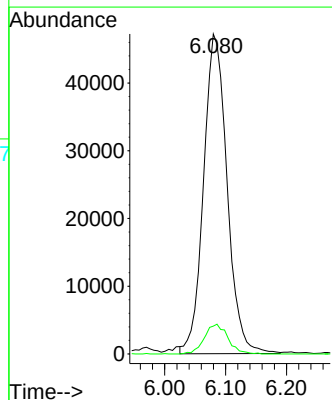
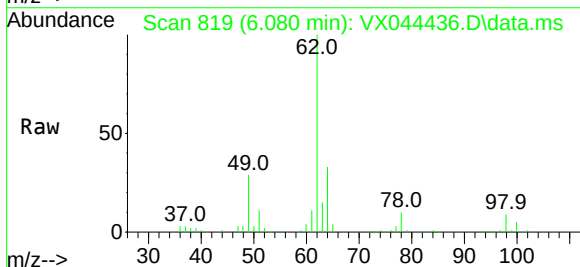
Acq: 19 Dec 2024 15:49

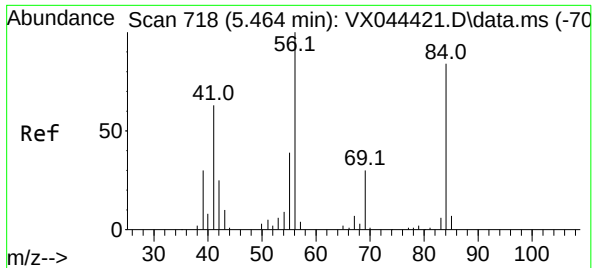
Tgt Ion: 62 Resp: 126968

Ion Ratio Lower Upper

62 100

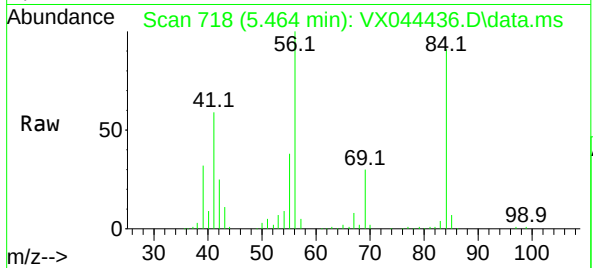
98 8.7 7.7 11.5



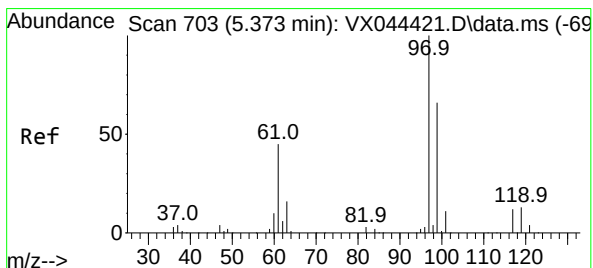
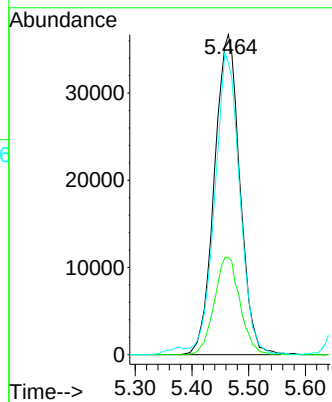
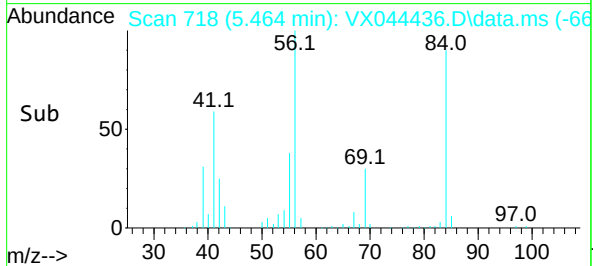


#29
Cyclohexane
Concen: 45.118 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

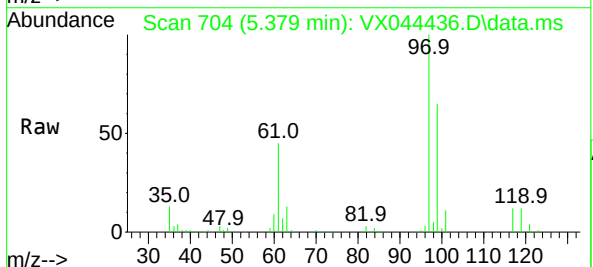
Instrument :
MSVOA_X
ClientSampleId :



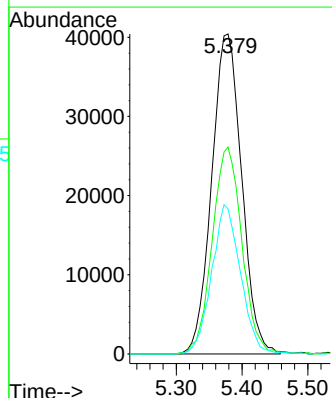
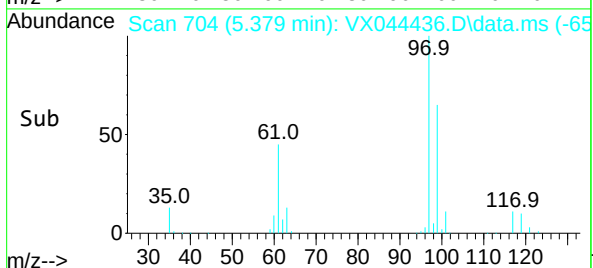
Tgt Ion: 56 Resp: 114484
Ion Ratio Lower Upper
56 100
69 30.7 25.1 37.7
84 91.9 72.9 109.3

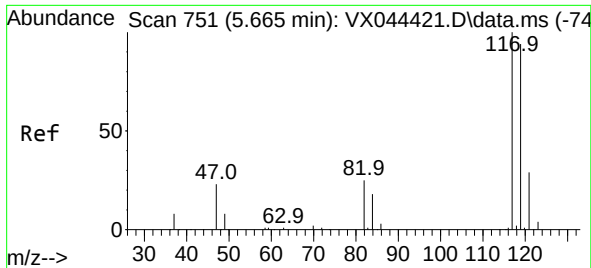


#30
1,1,1-Trichloroethane
Concen: 46.159 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49



Tgt Ion: 97 Resp: 128144
Ion Ratio Lower Upper
97 100
99 63.6 52.2 78.2
61 44.8 32.8 49.2

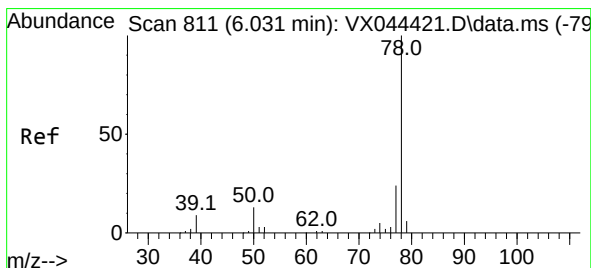
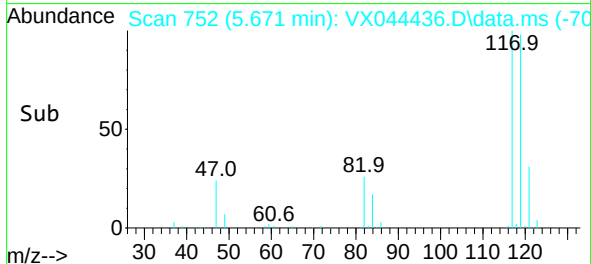
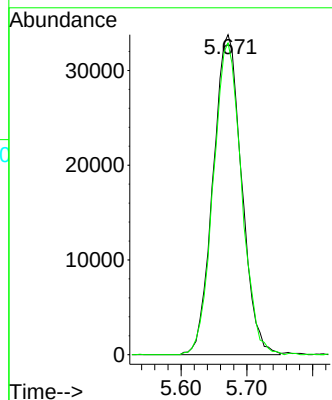
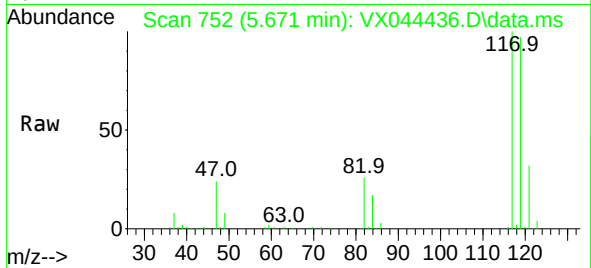




#31
Carbon tetrachloride
Concen: 46.930 ug/L
RT: 5.671 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

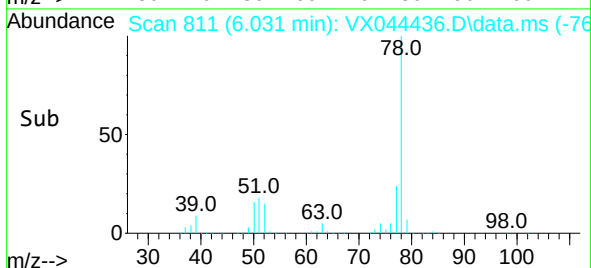
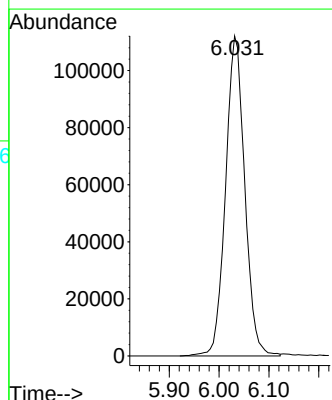
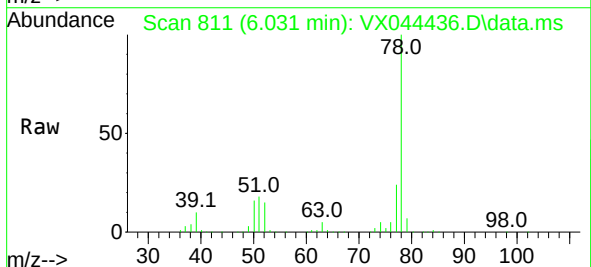
Instrument :
MSVOA_X
ClientSampleId :

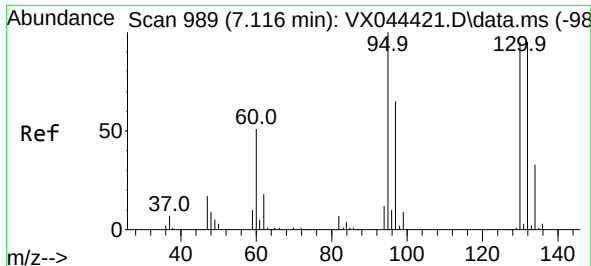
Tgt Ion:117 Resp: 102047
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 48.181 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

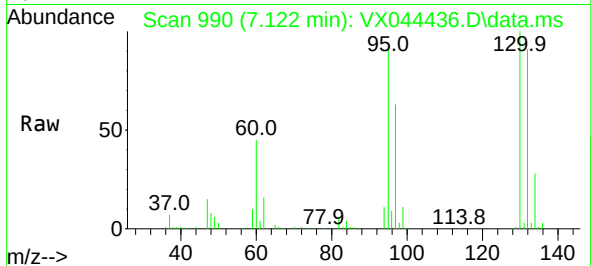
Tgt Ion: 78 Resp: 299219



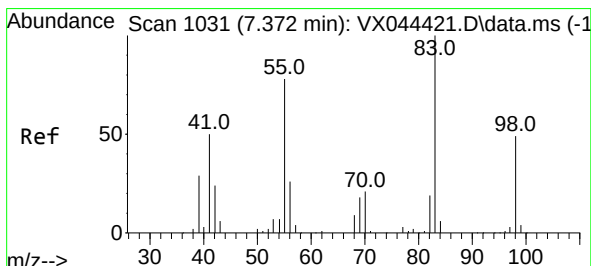
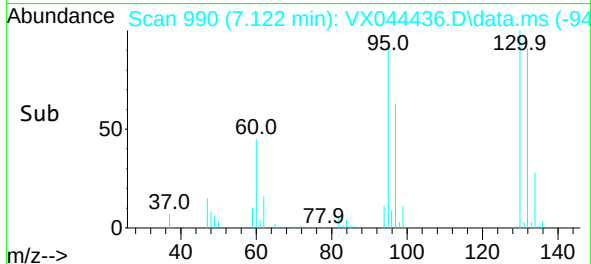
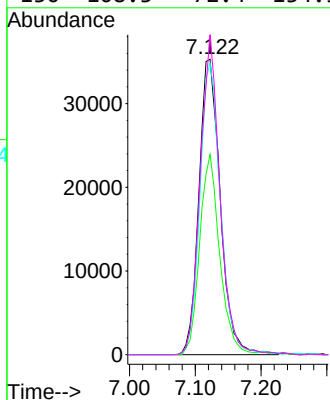


#34
Trichloroethene
Concen: 47.166 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :

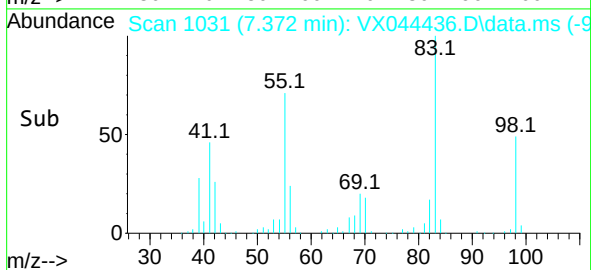
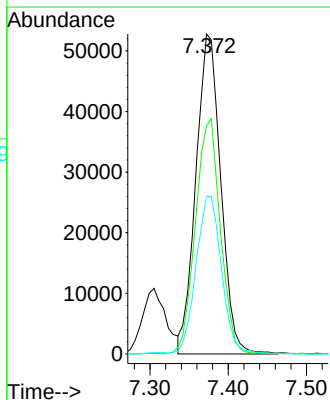
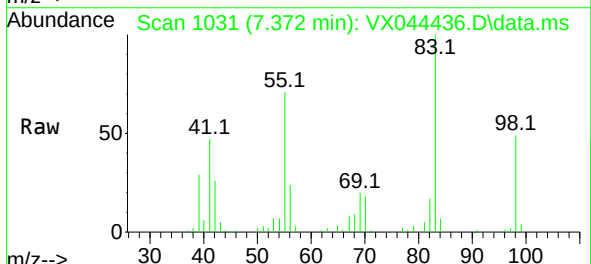


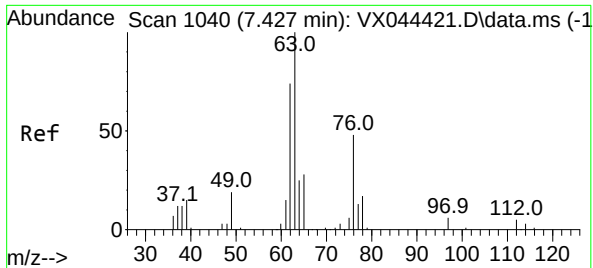
Tgt Ion: 95 Resp: 79972
Ion Ratio Lower Upper
95 100
97 67.7 45.0 83.6
132 98.6 66.6 123.8
130 108.3 72.4 134.5



#35
Methylcyclohexane
Concen: 47.389 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion: 83 Resp: 116397
Ion Ratio Lower Upper
83 100
55 73.5 58.5 87.7
98 50.5 40.5 60.7





#37

1,2-Dichloropropane

Concen: 49.176 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

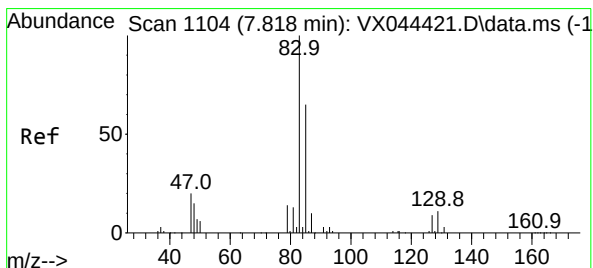
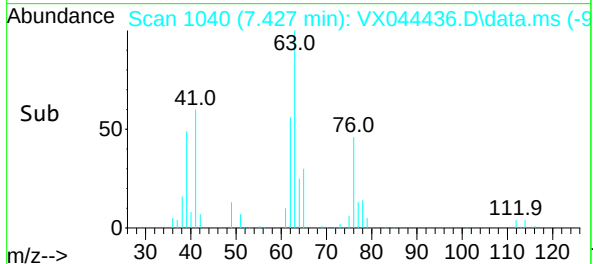
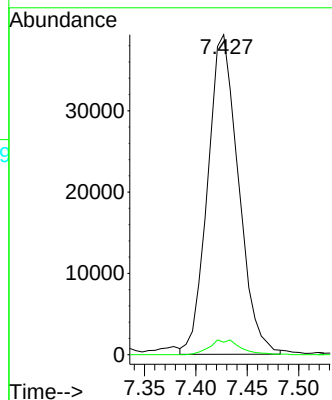
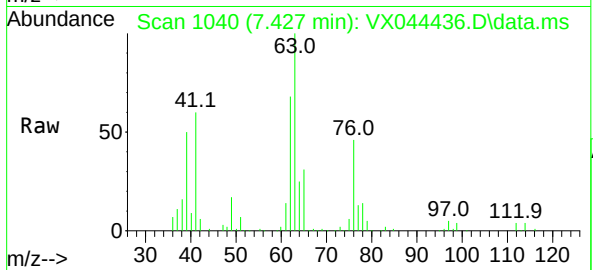
ClientSampleId :

Tgt Ion: 63 Resp: 82005

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 46.252 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

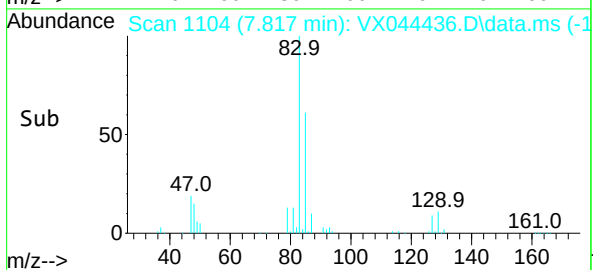
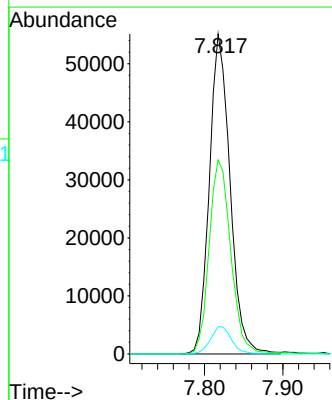
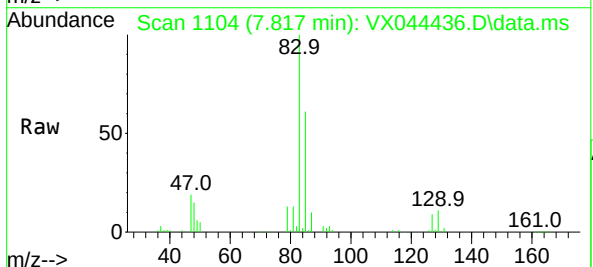
Tgt Ion: 83 Resp: 101052

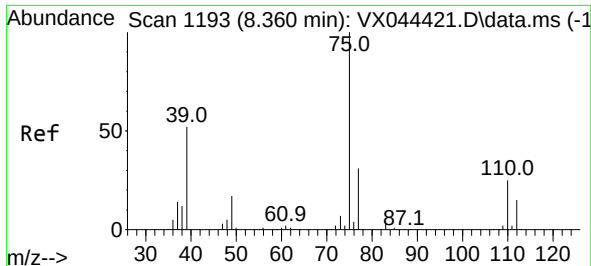
Ion Ratio Lower Upper

83 100

85 60.6 44.1 81.9

127 8.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 45.787 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

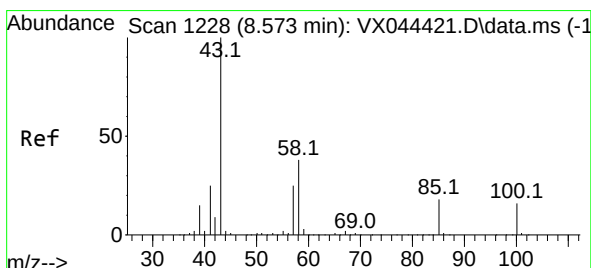
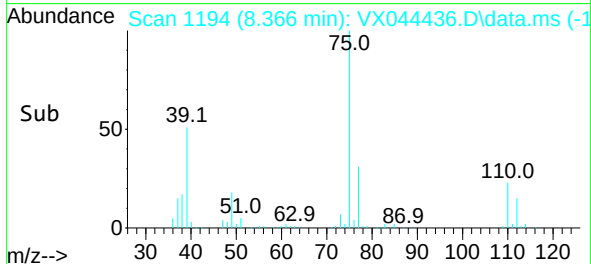
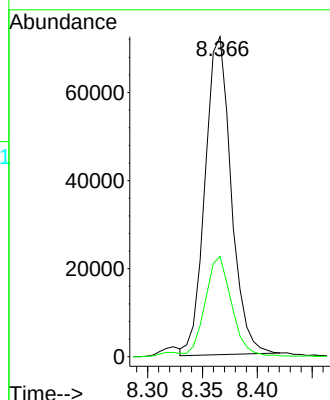
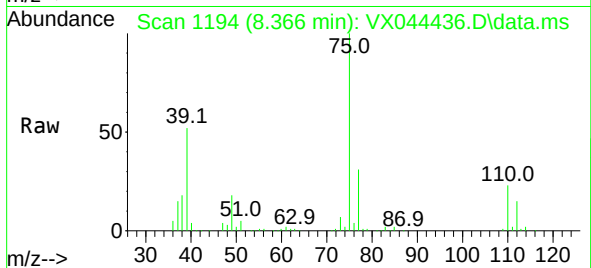
ClientSampleId :

Tgt Ion: 75 Resp: 119593

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 90.456 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

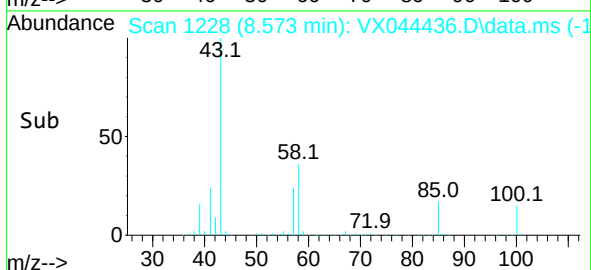
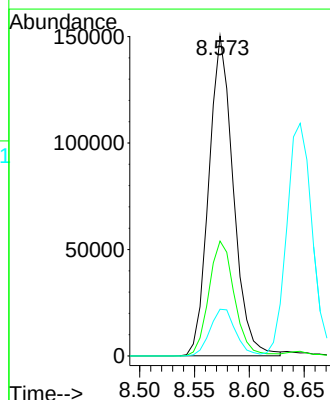
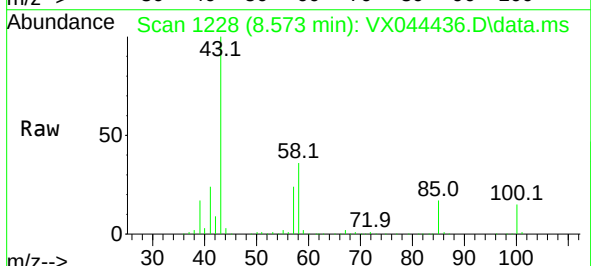
Tgt Ion: 43 Resp: 233530

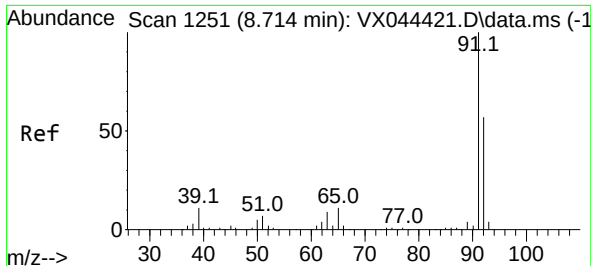
Ion Ratio Lower Upper

43 100

58 37.6 32.4 48.6

100 15.3 13.7 20.5





#42

Toluene

Concen: 47.931 ug/L

RT: 8.713 min Scan# 1

Delta R.T. -0.000 min

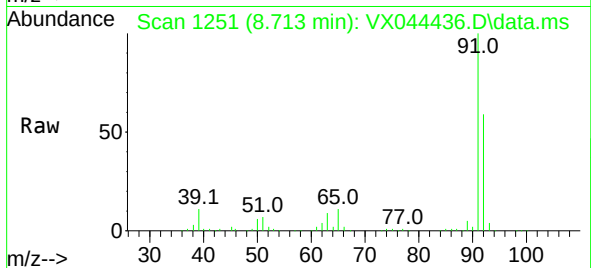
Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

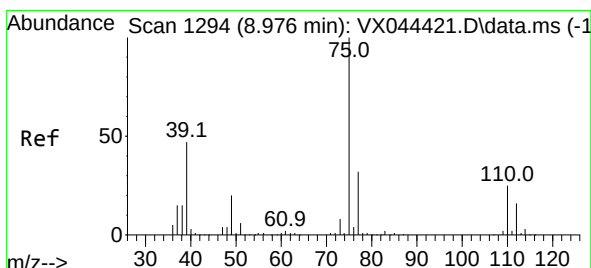
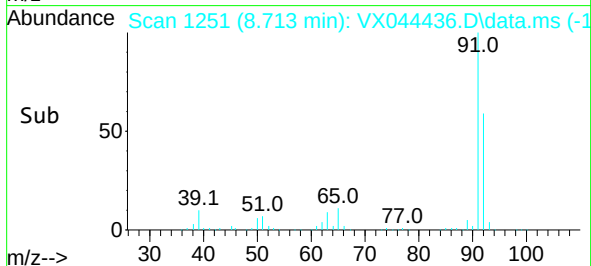
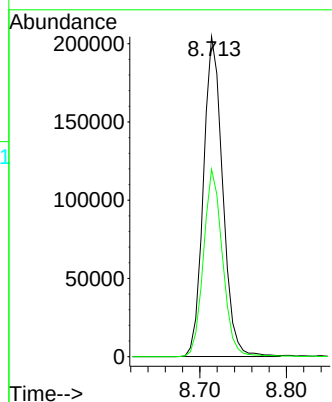


Tgt Ion: 91 Resp: 315400

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 45.514 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044436.D

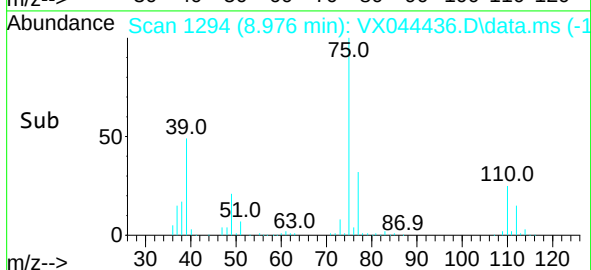
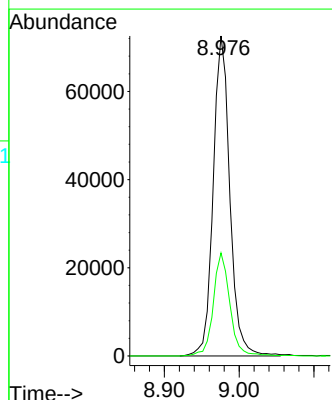
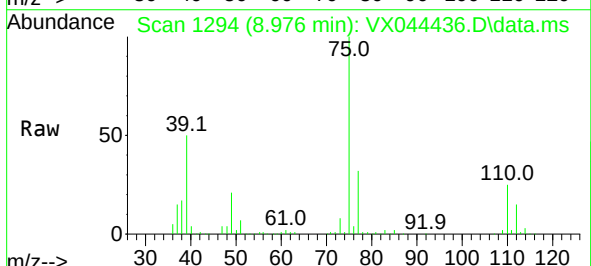
Acq: 19 Dec 2024 15:49

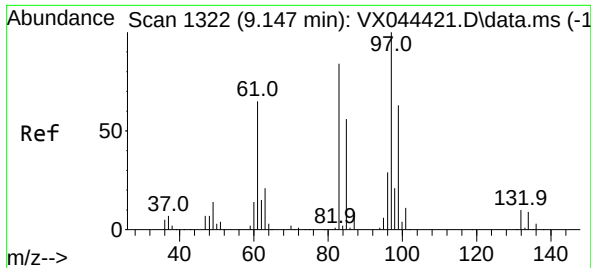
Tgt Ion: 75 Resp: 112677

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 49.715 ug/L

RT: 9.146 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 84959

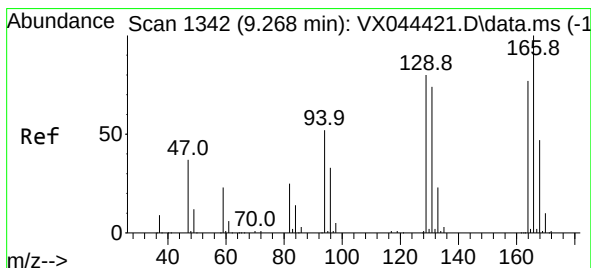
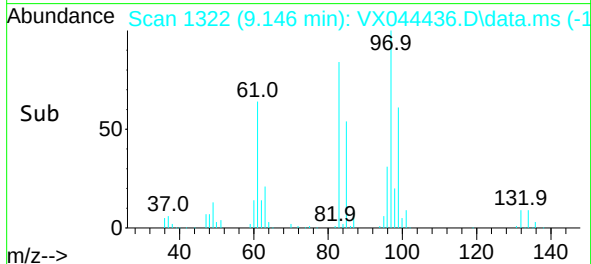
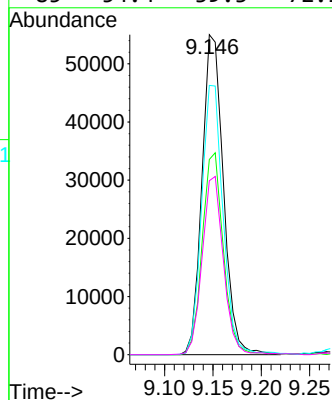
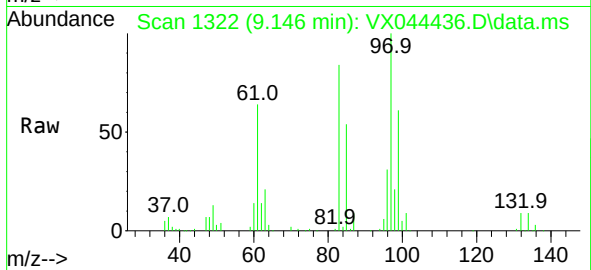
Ion Ratio Lower Upper

97 100

99 61.0 43.4 80.6

83 84.2 60.2 111.8

85 54.4 39.3 72.9



#46

Tetrachloroethene

Concen: 49.418 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Tgt Ion:164 Resp: 55894

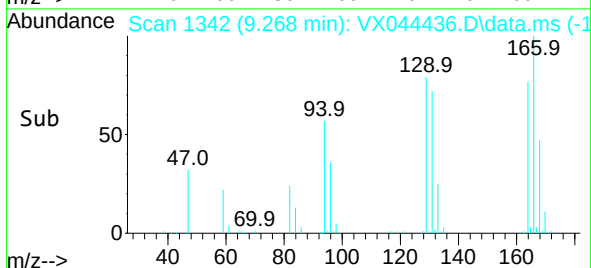
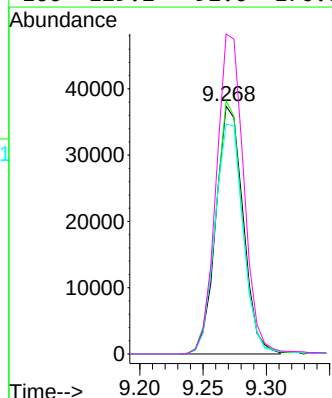
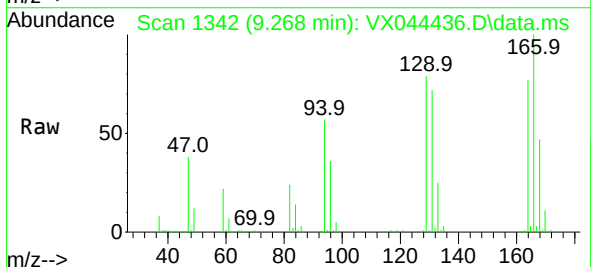
Ion Ratio Lower Upper

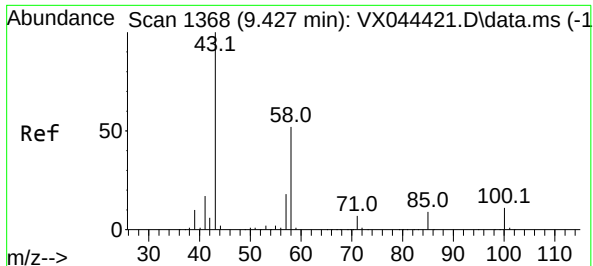
164 100

129 102.2 73.6 136.6

131 92.8 70.2 130.4

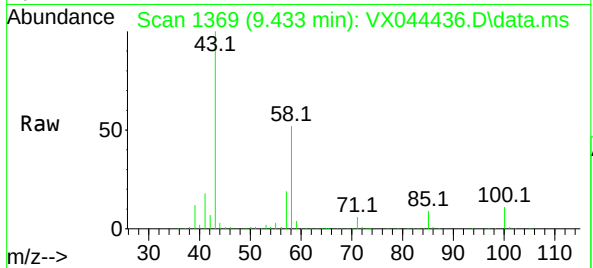
166 129.2 92.0 170.8



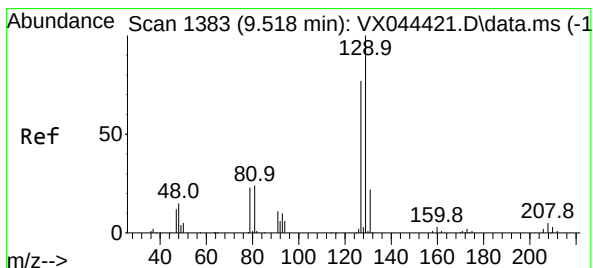
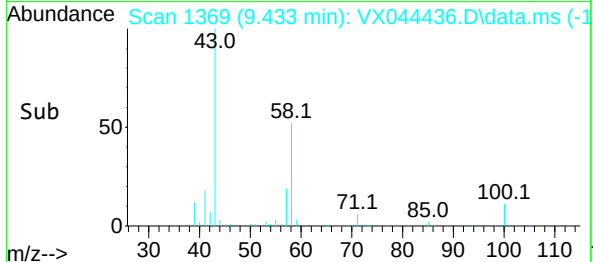
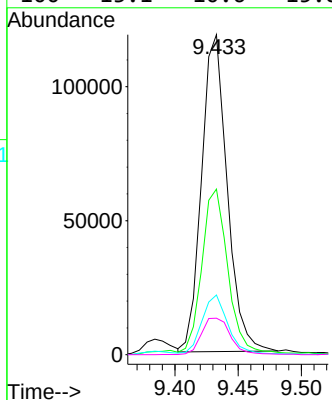


#48
2-Hexanone
Concen: 82.149 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :

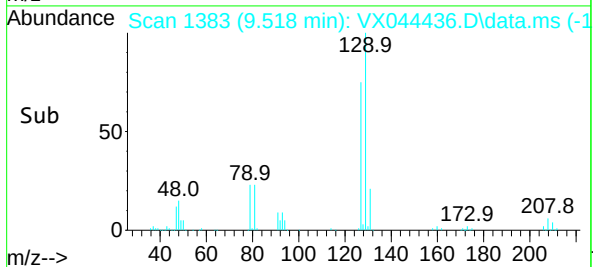
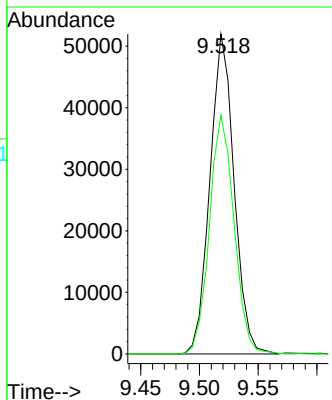
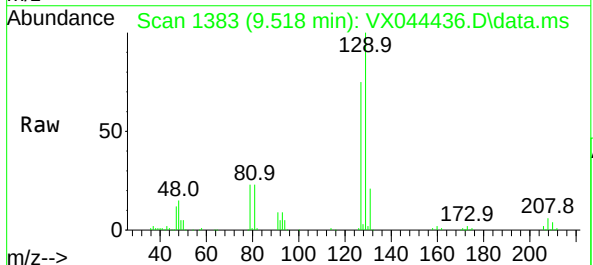


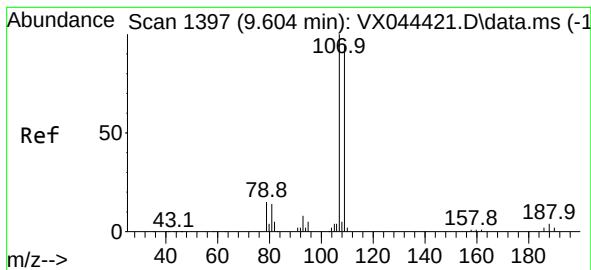
Tgt Ion: 43 Resp: 166986
Ion Ratio Lower Upper
43 100
58 53.4 45.4 68.2
57 19.5 15.4 23.0
100 13.1 10.6 15.8



#49
Dibromochloromethane
Concen: 49.190 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion: 129 Resp: 74302
Ion Ratio Lower Upper
129 100
127 74.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 47.491 ug/L

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

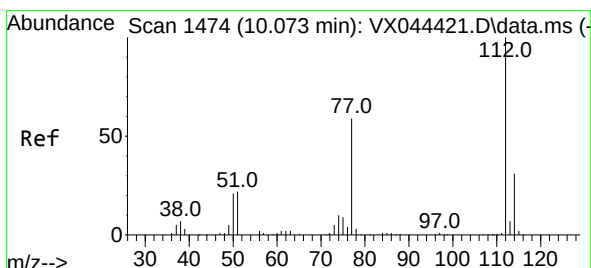
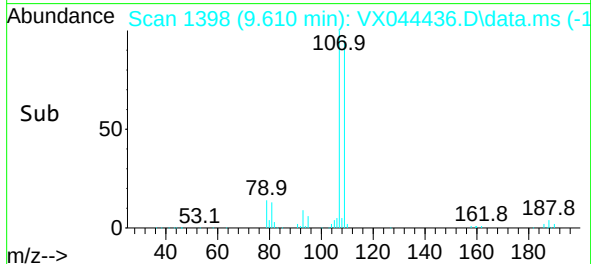
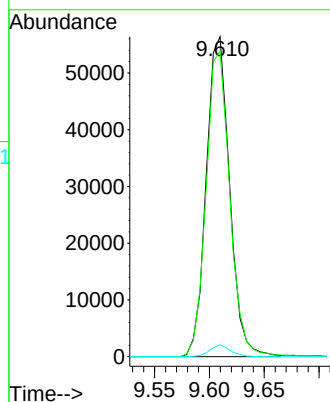
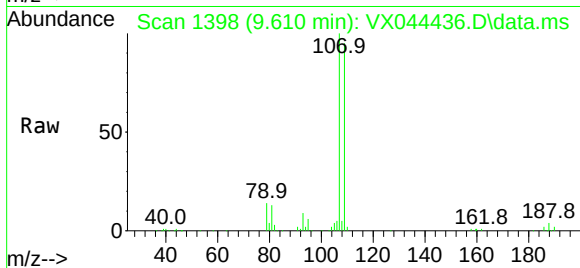
Tgt Ion:107 Resp: 83813

Ion Ratio Lower Upper

107 100

109 95.3 65.5 121.7

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 47.568 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

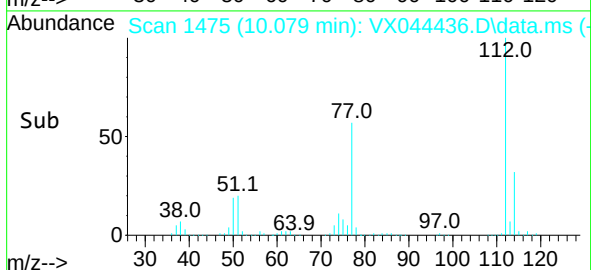
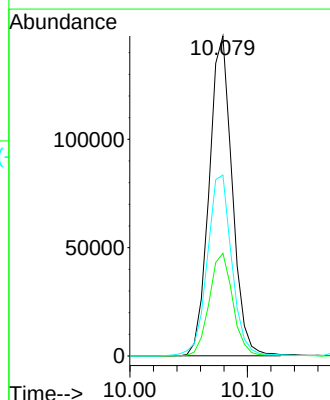
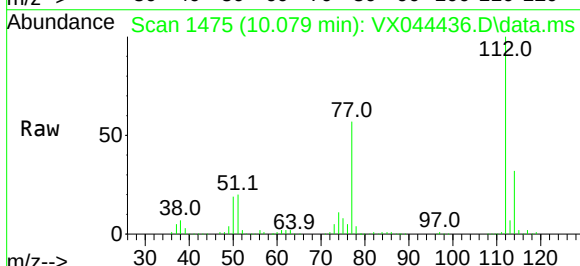
Tgt Ion:112 Resp: 200819

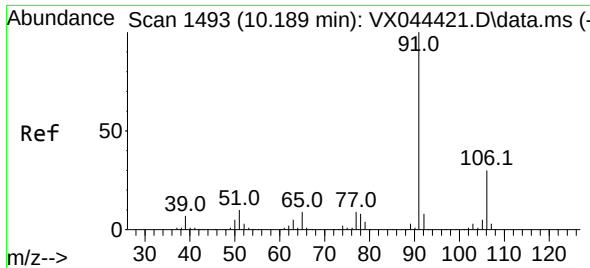
Ion Ratio Lower Upper

112 100

114 32.1 22.9 42.5

77 56.6 48.0 72.0

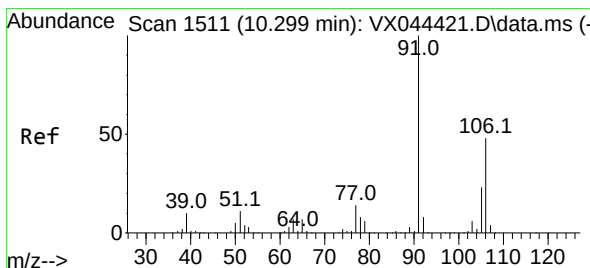
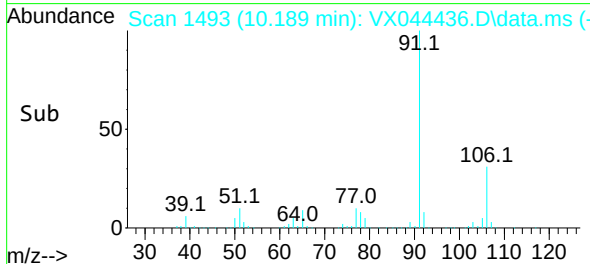
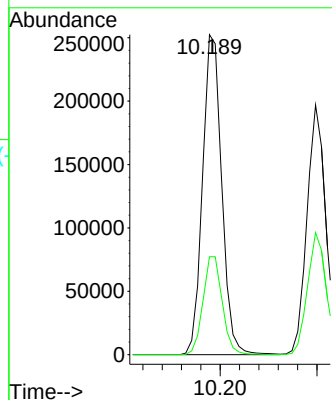
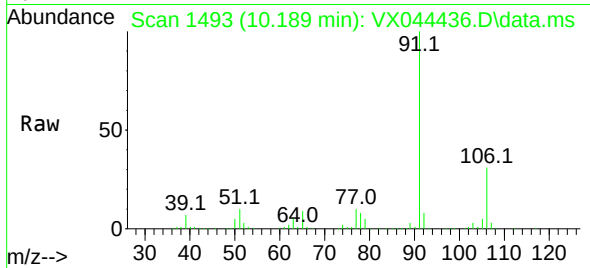




#52
Ethylbenzene
Concen: 48.056 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

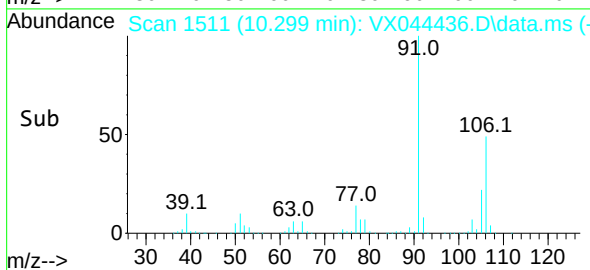
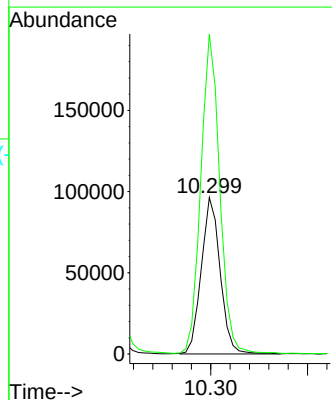
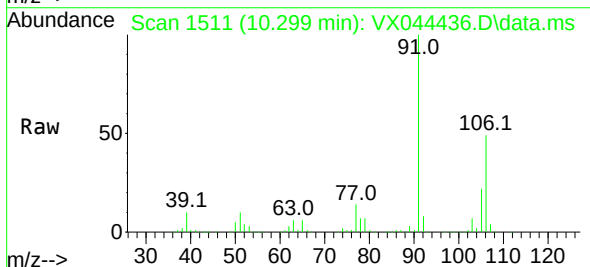
Instrument :
MSVOA_X
ClientSampleId :

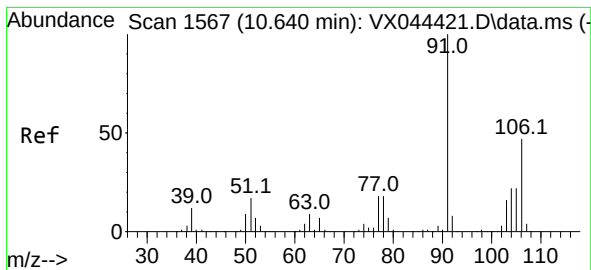
Tgt Ion: 91 Resp: 348327
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1



#53
m,p-Xylene
Concen: 49.911 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion: 106 Resp: 131034
Ion Ratio Lower Upper
106 100
91 204.6 147.5 273.9





#54

o-Xylene

Concen: 48.163 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

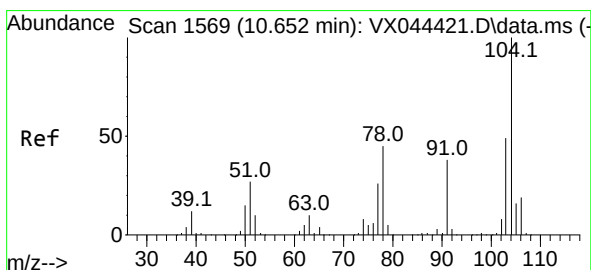
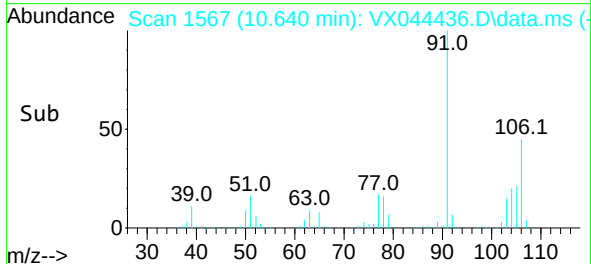
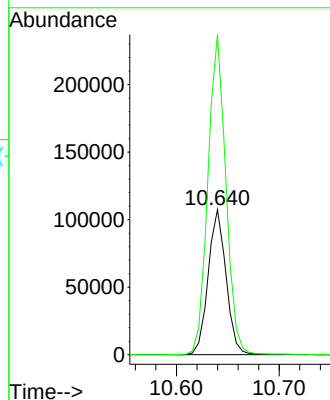
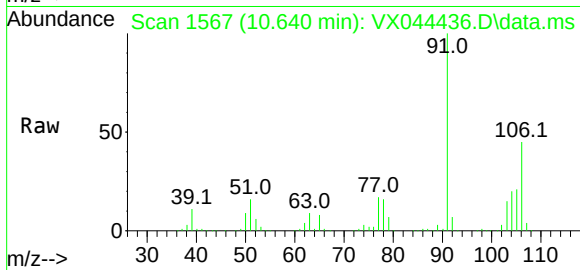
ClientSampleId :

Tgt Ion:106 Resp: 130025

Ion Ratio Lower Upper

106 100

91 220.4 153.7 285.5



#55

Styrene

Concen: 50.470 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044436.D

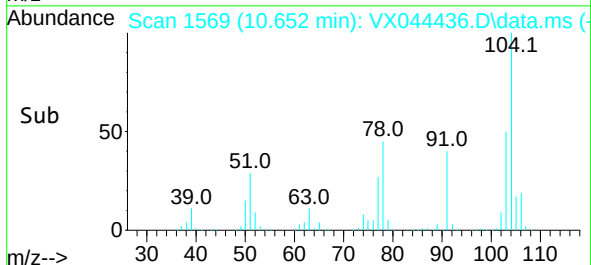
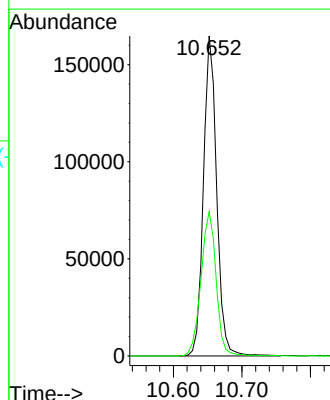
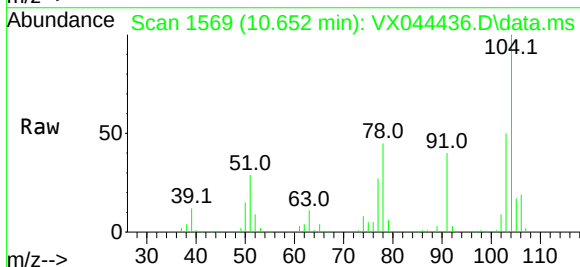
Acq: 19 Dec 2024 15:49

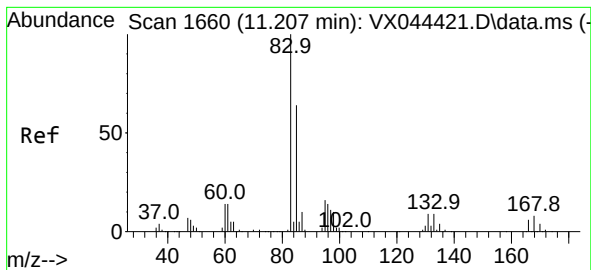
Tgt Ion:104 Resp: 222228

Ion Ratio Lower Upper

104 100

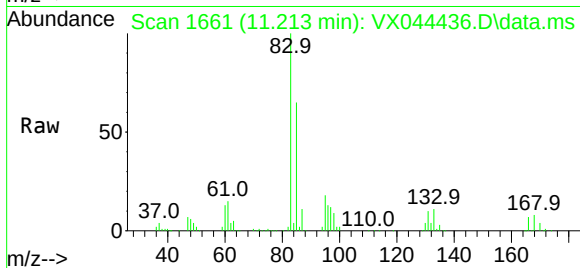
78 45.1 32.8 60.8



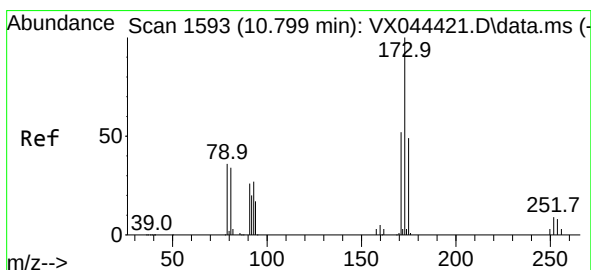
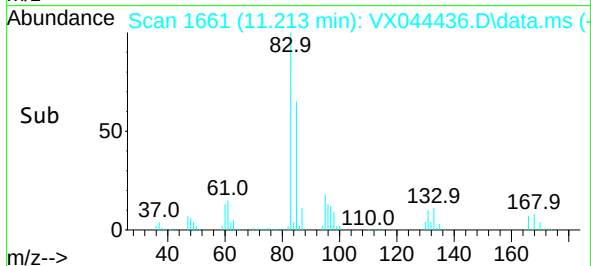
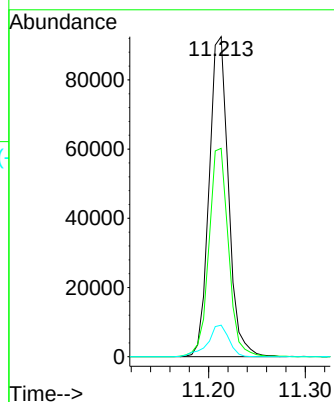


#57
1,1,2,2-Tetrachloroethane
Concen: 48.490 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :

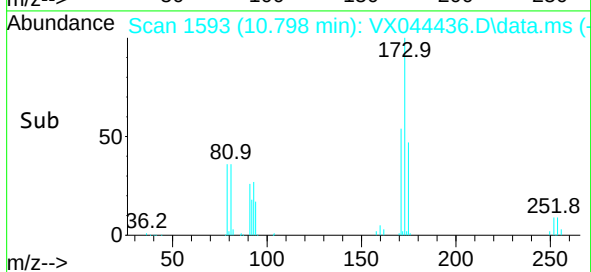
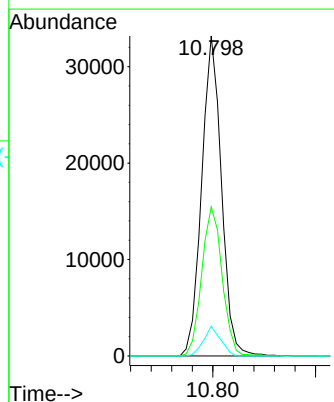
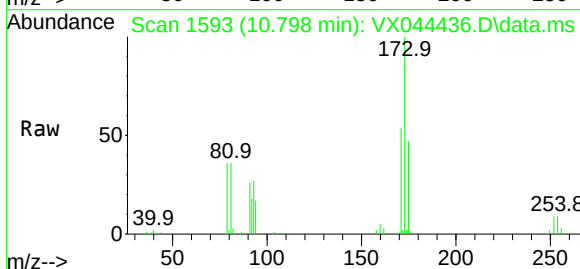


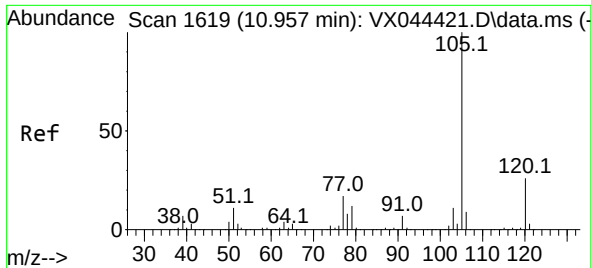
Tgt Ion: 83 Resp: 128546
Ion Ratio Lower Upper
83 100
85 65.1 46.0 85.4
131 9.8 8.8 13.2



#59
Bromoform
Concen: 46.284 ug/L
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

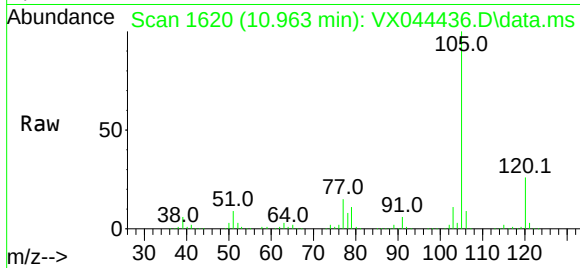
Tgt Ion:173 Resp: 44356
Ion Ratio Lower Upper
173 100
175 48.0 40.0 60.0
254 8.0 6.3 9.5



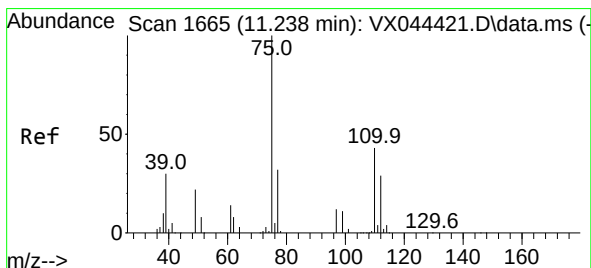
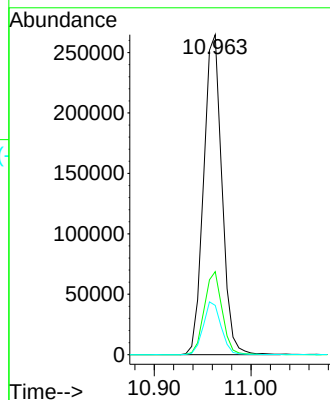
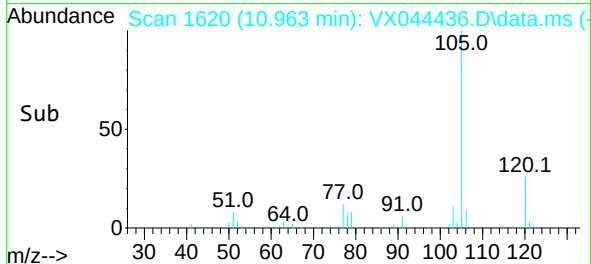


#60
Isopropylbenzene
Concen: 47.269 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :

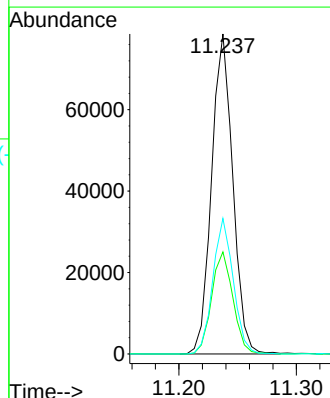
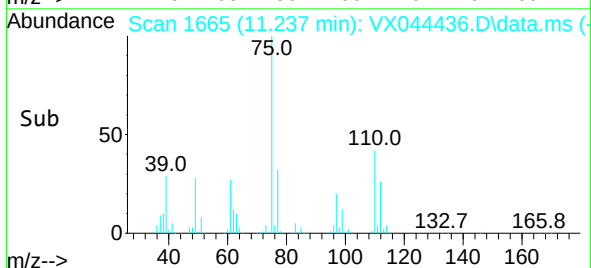
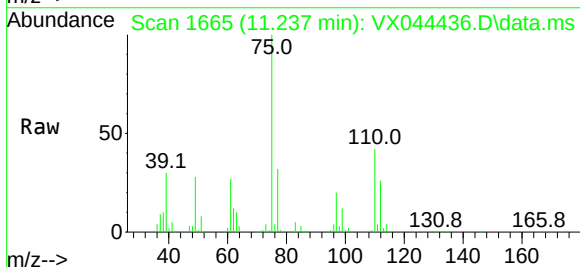


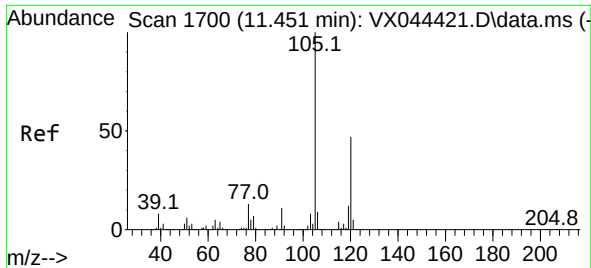
Tgt Ion:105 Resp: 348379
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 16.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 44.622 ug/L
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion: 75 Resp: 98712
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 40.9 33.3 49.9

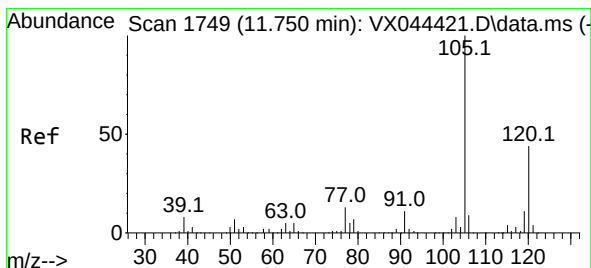
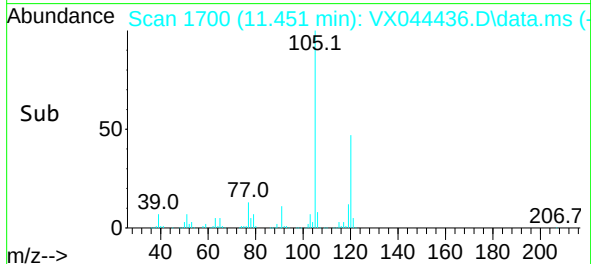
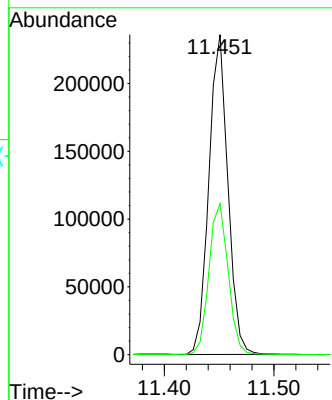
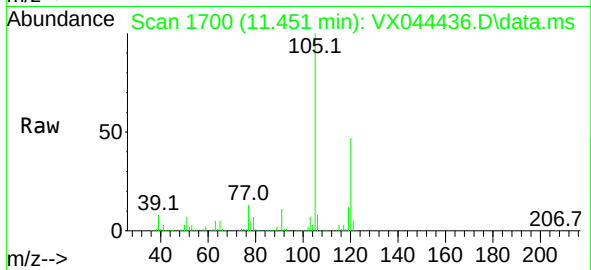




#62
1,3,5-Trimethylbenzene
Concen: 46.403 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

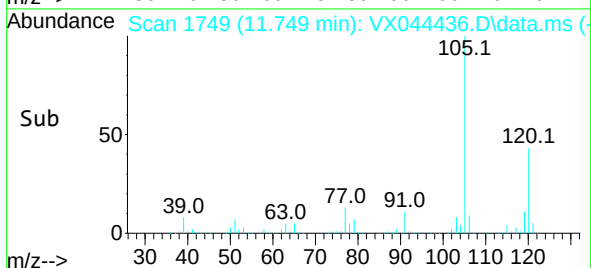
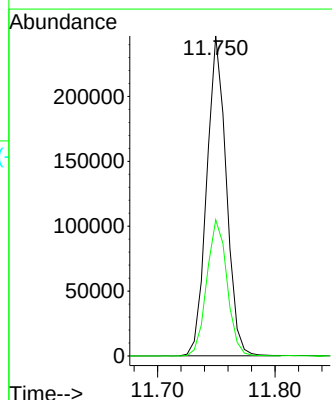
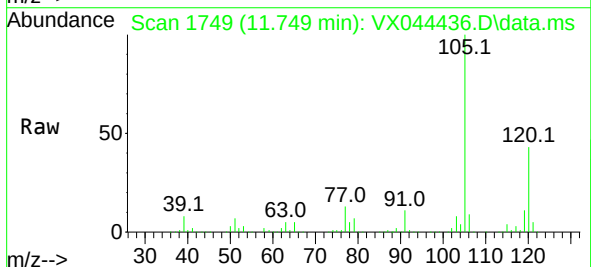
Instrument :
MSVOA_X
ClientSampleId :

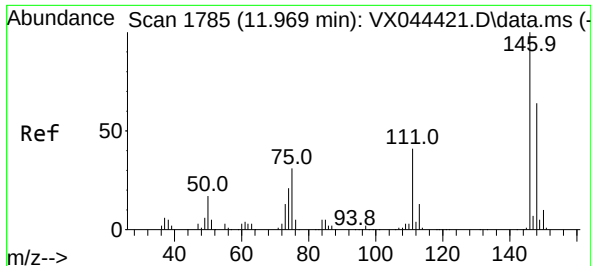
Tgt Ion:105 Resp: 283820
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 47.362 ug/L
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion:105 Resp: 284299
Ion Ratio Lower Upper
105 100
120 44.1 34.5 51.7

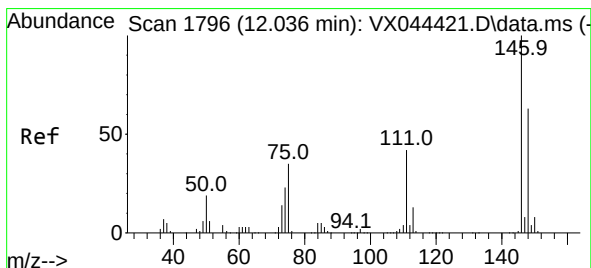
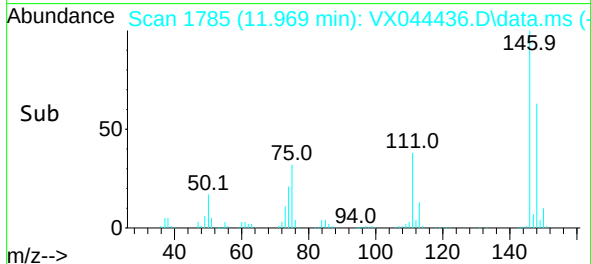
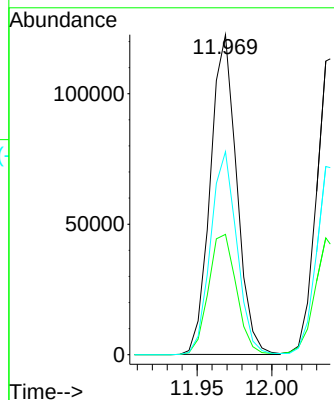
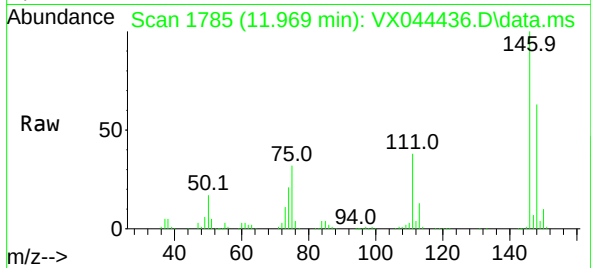




#64
1,3-Dichlorobenzene
Concen: 49.163 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

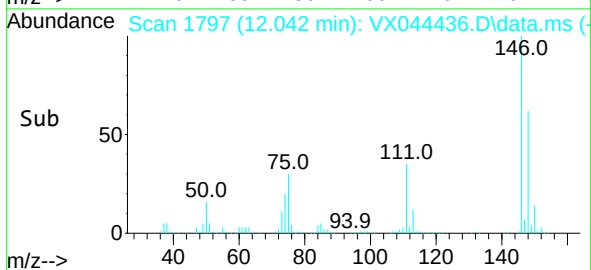
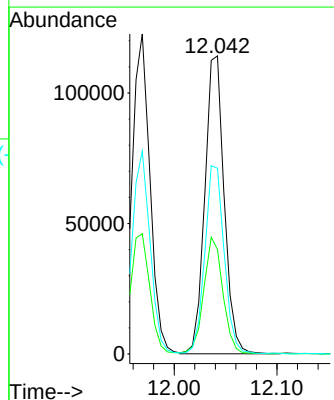
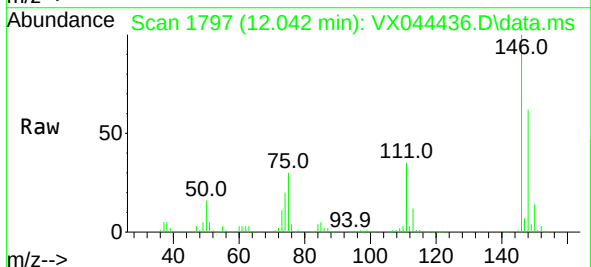
Instrument :
MSVOA_X
ClientSampleId :

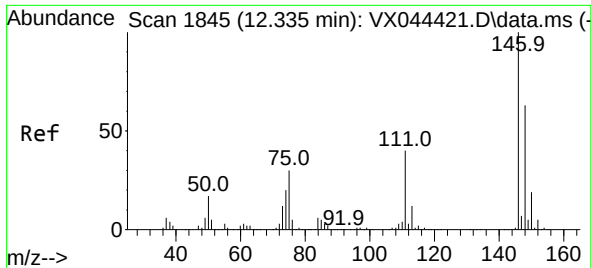
Tgt Ion:146 Resp: 150270
Ion Ratio Lower Upper
146 100
111 37.6 28.8 53.4
148 63.5 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 48.892 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044436.D
Acq: 19 Dec 2024 15:49

Tgt Ion:146 Resp: 149545
Ion Ratio Lower Upper
146 100
111 35.1 29.5 54.7
148 62.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 48.992 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

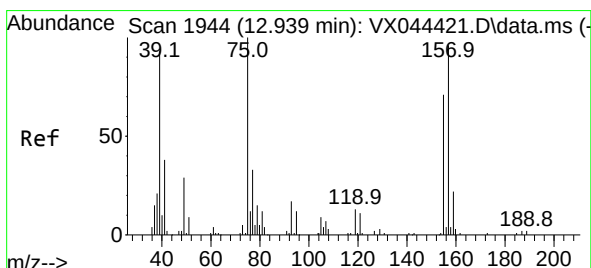
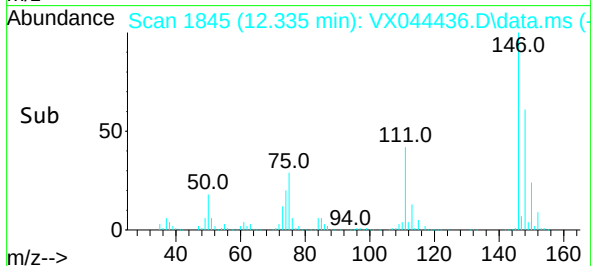
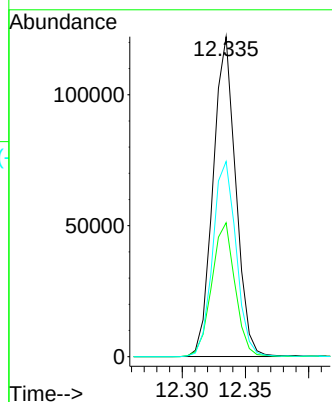
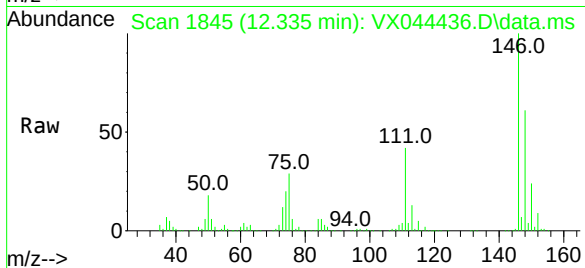
Tgt Ion:146 Resp: 152045

Ion Ratio Lower Upper

146 100

111 41.9 34.3 51.5

148 61.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 41.160 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

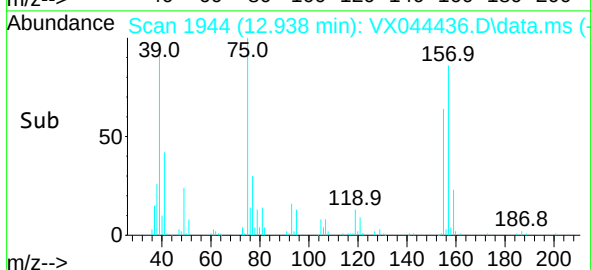
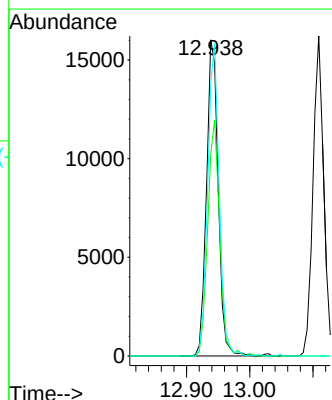
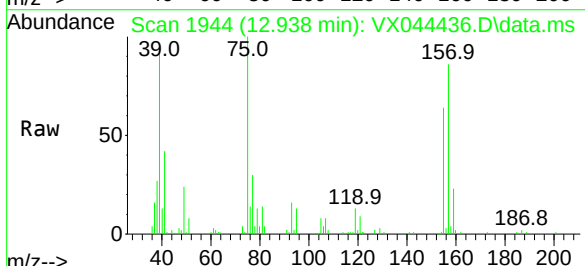
Tgt Ion: 75 Resp: 20694

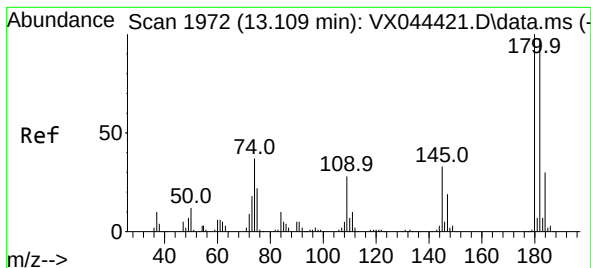
Ion Ratio Lower Upper

75 100

155 63.9 60.5 90.7

157 86.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 50.155 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

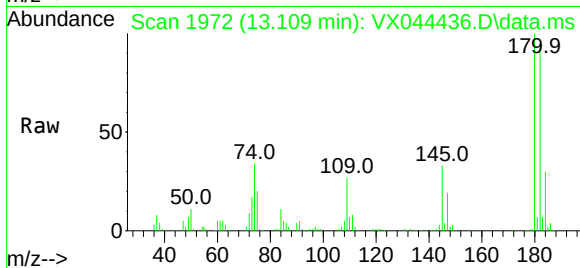
Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 95648

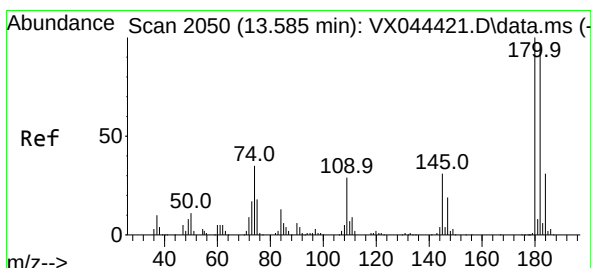
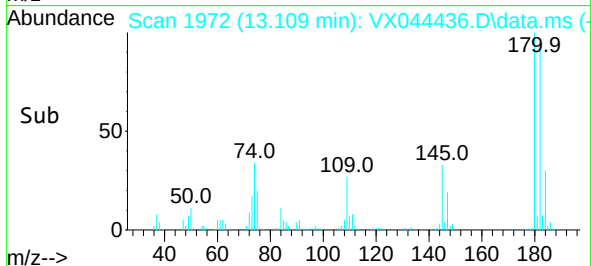
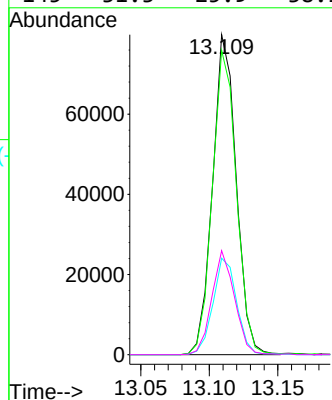
Ion Ratio Lower Upper

180 100

182 96.6 76.7 115.1

184 30.2 24.2 36.4

145 31.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 49.877 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

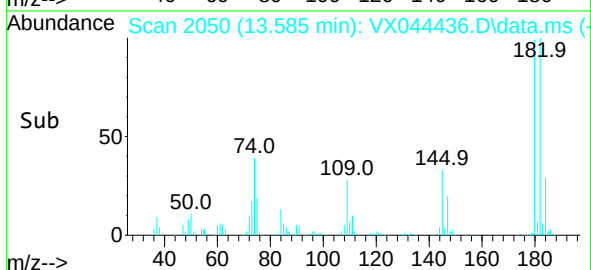
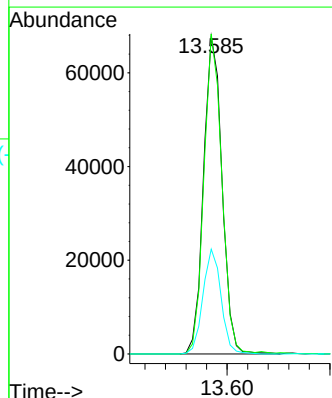
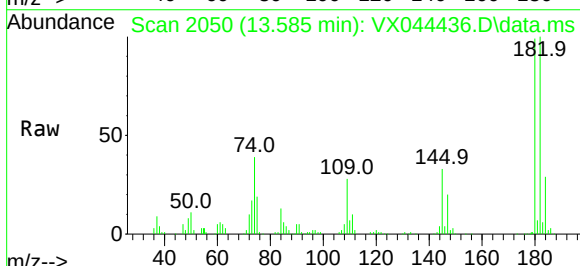
Tgt Ion:180 Resp: 84726

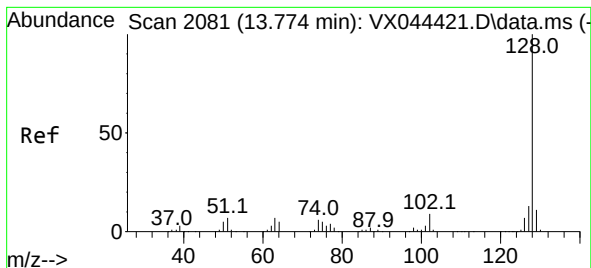
Ion Ratio Lower Upper

180 100

182 97.6 74.1 111.1

145 32.3 25.3 37.9





#71

Naphthalene

Concen: 45.247 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

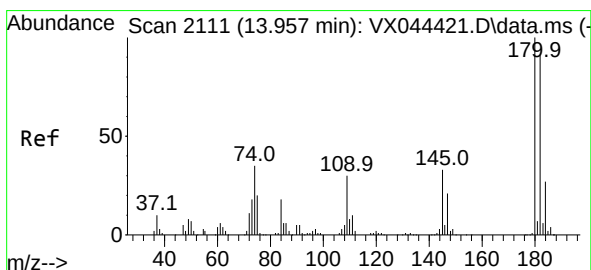
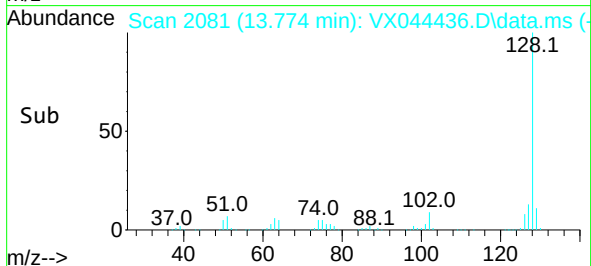
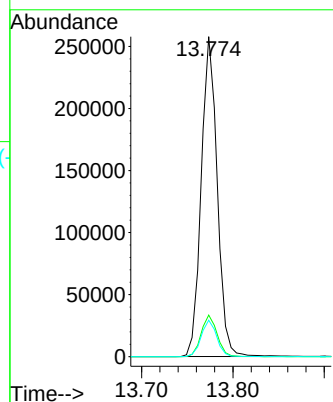
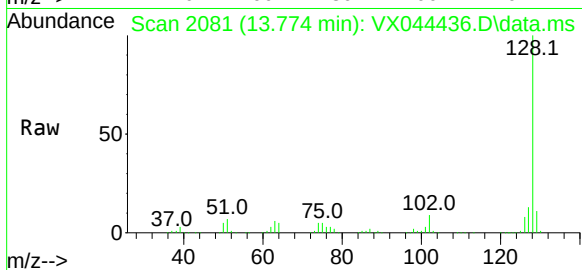
Tgt Ion:128 Resp: 313357

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.663 ug/L

RT: 13.956 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044436.D

Acq: 19 Dec 2024 15:49

Tgt Ion:180 Resp: 89621

Ion Ratio Lower Upper

180 100

182 94.4 73.8 110.6

145 34.4 27.4 41.2

