

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051024\
 Data File : VX041446.D
 Acq On : 10 May 2024 08:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 23:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	271667	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	262511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	145036	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	70215	45.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.140%
7) Chloroethane-d5	1.648	69	56689	50.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.300%
11) 1,1-Dichloroethene-d2	2.294	65	32370	41.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.480%
21) 2-Butanone-d5	4.459	46	124765	108.615	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.620%
24) Chloroform-d	5.050	84	163808	48.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	5.952	65	112593	45.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
32) Benzene-d6	5.964	84	322522	44.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	7.306	67	94720	44.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.900%
41) Toluene-d8	8.647	98	298468	40.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.946	79	43617	40.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.720%
47) 2-Hexanone-d5	9.385	63	87011	87.629	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.630%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	159902	47.683	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	136647	46.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	92466	49.436	ug/L	100
3) Chloromethane	1.301	50	79641	49.925	ug/L	100
5) Vinyl chloride	1.374	62	84761	51.586	ug/L	99
6) Bromomethane	1.599	94	59635	52.072	ug/L	98
8) Chloroethane	1.666	64	50466	53.641	ug/L	98
9) Trichlorofluoromethane	1.868	101	146538	50.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	84252	47.414	ug/L	99
12) 1,1-Dichloroethene	2.307	96	72807	46.127	ug/L	94
13) Acetone	2.386	43	103845	88.053	ug/L	100
14) Carbon disulfide	2.502	76	180939	47.559	ug/L	99
15) Methyl Acetate	2.703	43	100703	50.594	ug/L	100
16) Methylene chloride	2.782	84	92170	52.615	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	86318	53.215	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	295088	53.321	ug/L	99
19) 1,1-Dichloroethane	3.605	63	162585	54.130	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	98271	52.483	ug/L	100
22) 2-Butanone	4.556	43	147218	99.972	ug/L	97
23) Bromochloromethane	4.891	128	52974	53.162	ug/L	97
25) Chloroform	5.087	83	164700	50.781	ug/L	97

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 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

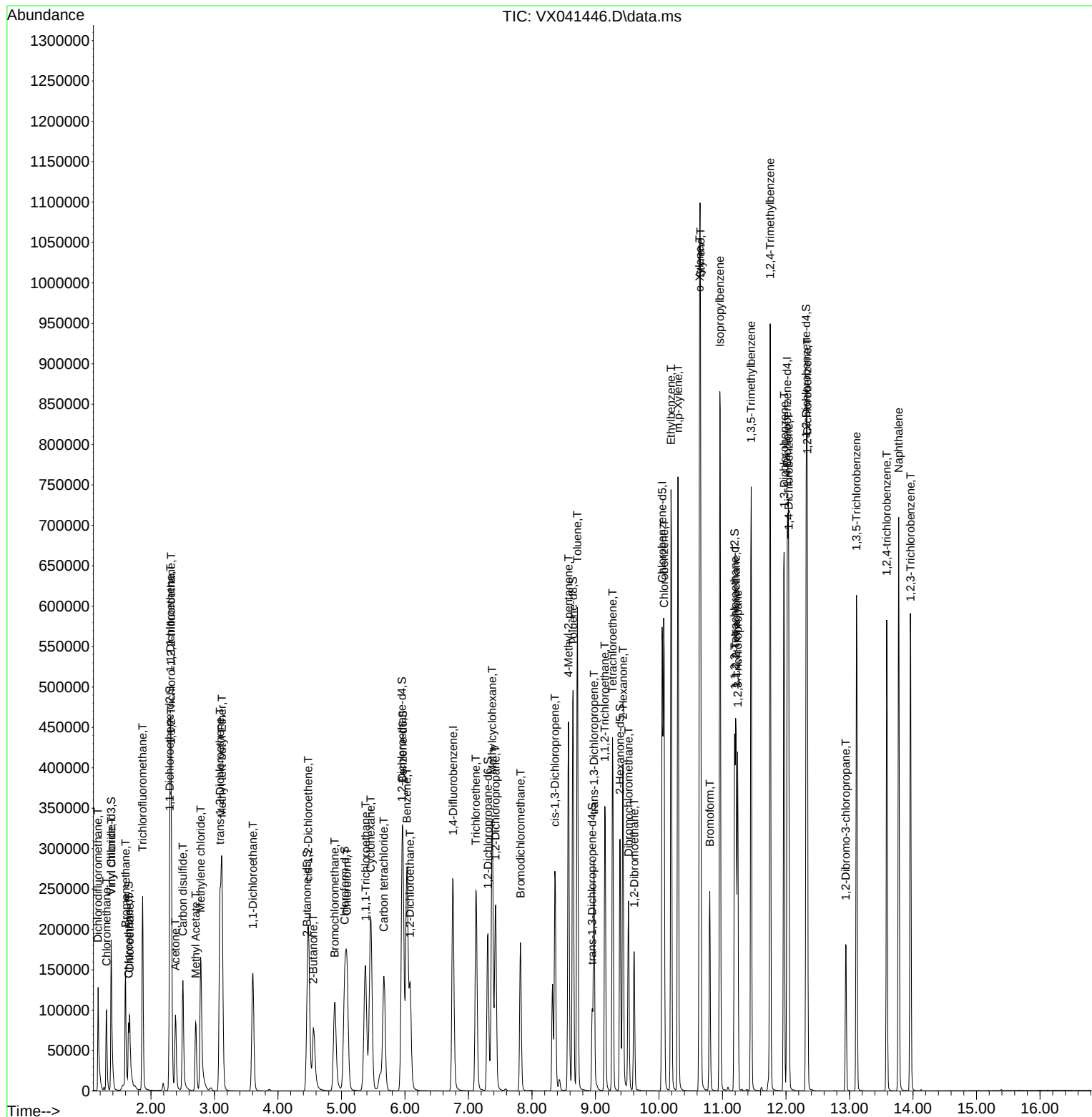
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	138940	51.410	ug/L	97
29) Cyclohexane	5.458	56	147181	50.423	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	155947	50.470	ug/L	99
31) Carbon tetrachloride	5.666	117	129042	47.044	ug/L	98
33) Benzene	6.031	78	344272	46.870	ug/L	100
34) Trichloroethene	7.117	95	93931	46.686	ug/L	96
35) Methylcyclohexane	7.373	83	152254	48.836	ug/L	99
37) 1,2-Dichloropropane	7.428	63	89400	48.334	ug/L	100
38) Bromodichloromethane	7.818	83	115736	46.292	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	143967	47.000	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	272721	91.618	ug/L	99
42) Toluene	8.714	91	378463	47.217	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	127999	44.811	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	95524	46.704	ug/L	98
46) Tetrachloroethene	9.269	164	89021	46.233	ug/L	97
48) 2-Hexanone	9.433	43	215509	90.368	ug/L	99
49) Dibromochloromethane	9.519	129	99270	48.013	ug/L	100
50) 1,2-Dibromoethane	9.610	107	97301	45.724	ug/L	99
51) Chlorobenzene	10.080	112	253397	47.406	ug/L	98
52) Ethylbenzene	10.189	91	424561	48.275	ug/L	100
53) m,p-Xylene	10.299	106	177545	50.469	ug/L	99
54) o-Xylene	10.640	106	176541	49.247	ug/L	97
55) Styrene	10.653	104	298522	49.864	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	163647	48.221	ug/L	99
59) Bromoform	10.799	173	89936	52.989	ug/L	99
60) Isopropylbenzene	10.957	105	469818	53.092	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	127017	51.231	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	317723	53.143	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	387403	53.481	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	223138	49.565	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	224737	49.041	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	222873	47.807	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	33020	49.494	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	161563	48.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	143756	46.851	ug/L	99
71) Naphthalene	13.774	128	440588	48.108	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	156850	49.025	ug/L	99

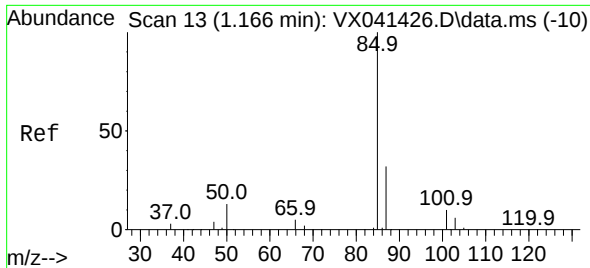
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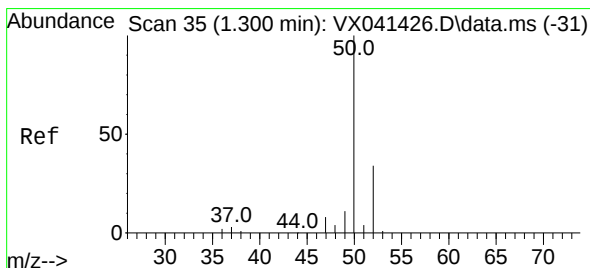
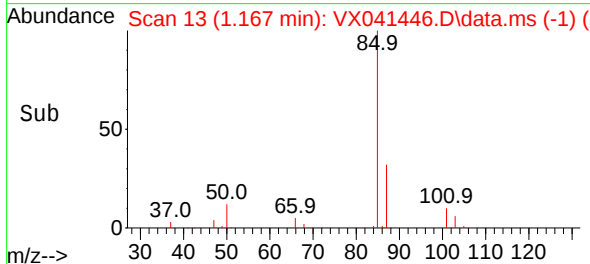
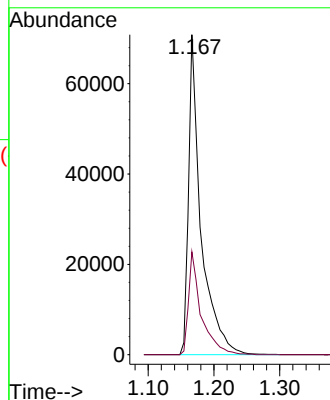
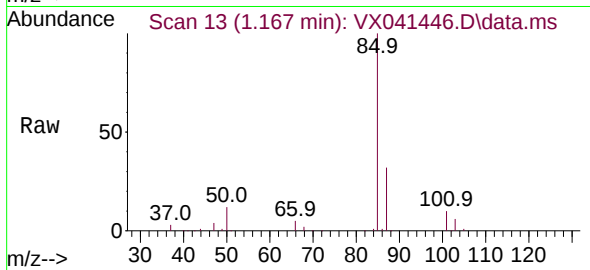




#2
 Dichlorodifluoromethane
 Concen: 49.436 ug/L
 RT: 1.167 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX041446.D
 Acq: 10 May 2024 08:39

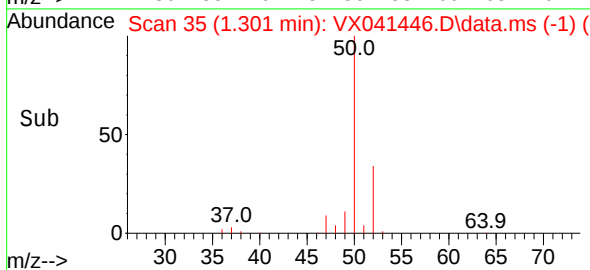
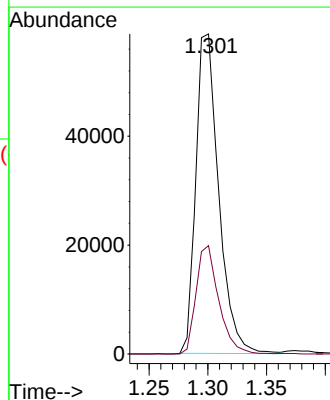
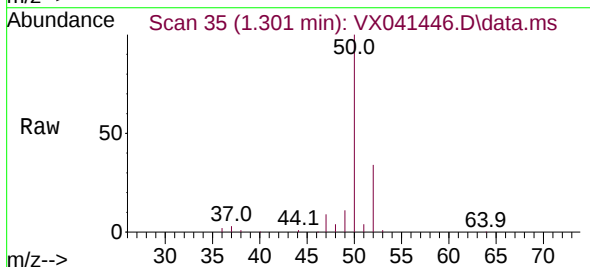
Instrument :
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 ClientSampleId :

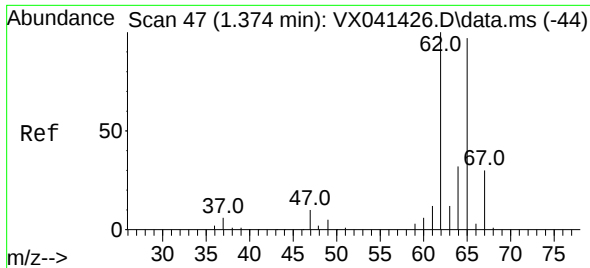
Tgt Ion: 85 Resp: 92466
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.2



#3
 Chloromethane
 Concen: 49.925 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX041446.D
 Acq: 10 May 2024 08:39

Tgt Ion: 50 Resp: 79641
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 44.1

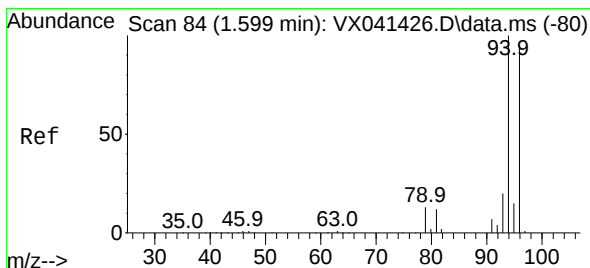
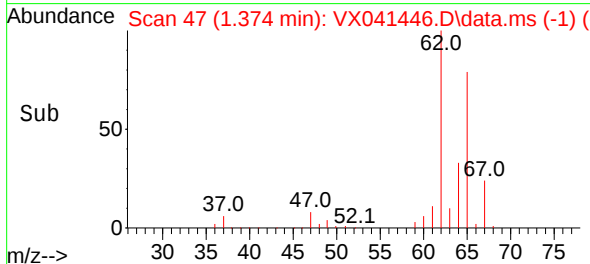
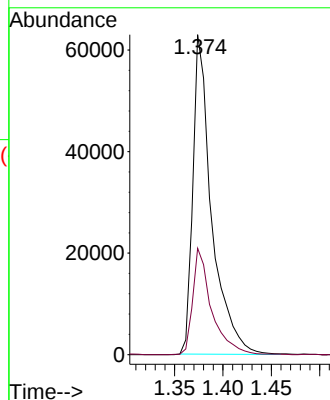
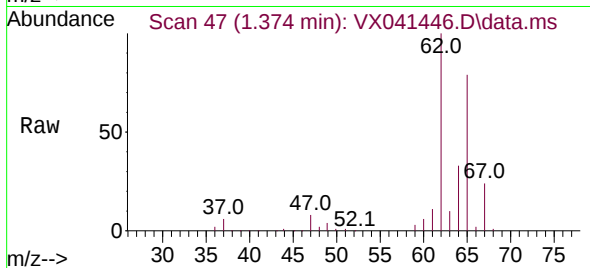




#5
 Vinyl chloride
 Concen: 51.586 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041446.D
 Acq: 10 May 2024 08:39

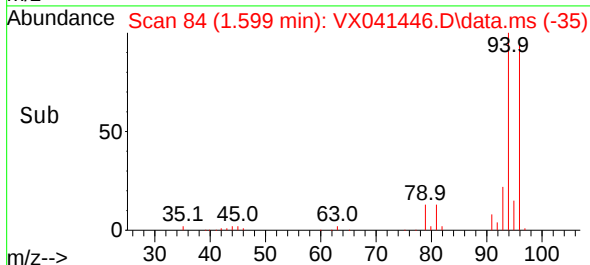
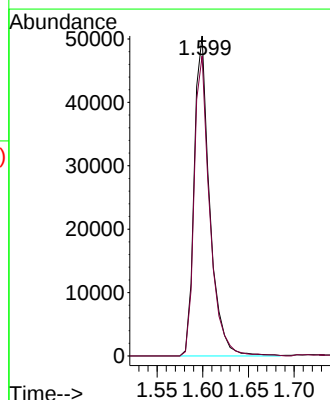
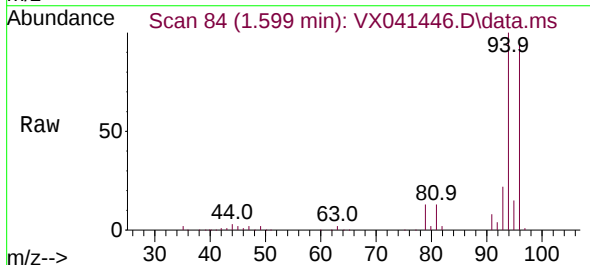
Instrument :
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 ClientSampleId :

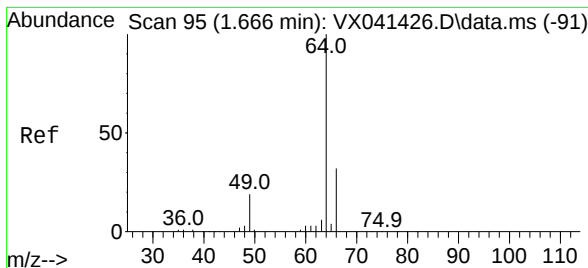
Tgt Ion: 62 Resp: 84761
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.1



#6
 Bromomethane
 Concen: 52.072 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041446.D
 Acq: 10 May 2024 08:39

Tgt Ion: 94 Resp: 59635
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.6 123.8





#8

Chloroethane

Concen: 53.641 ug/L

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

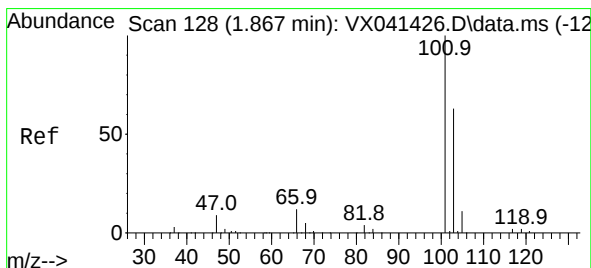
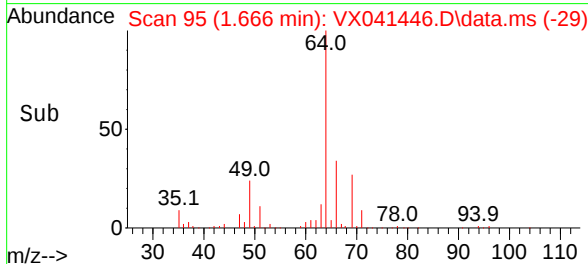
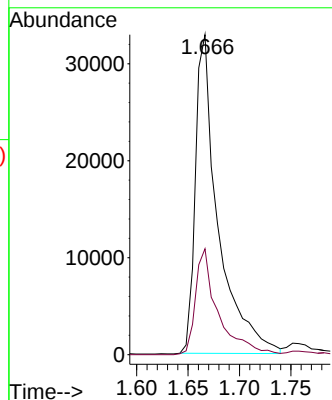
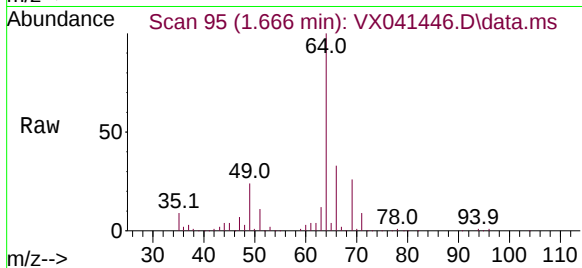
ClientSampleId :

Tgt Ion: 64 Resp: 50466

Ion Ratio Lower Upper

64 100

66 33.1 22.5 41.9



#9

Trichlorofluoromethane

Concen: 50.653 ug/L

RT: 1.868 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX041446.D

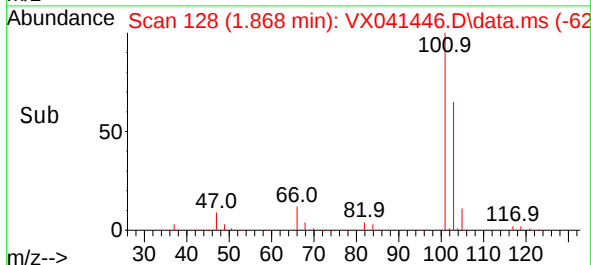
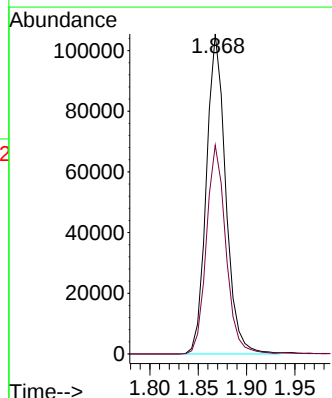
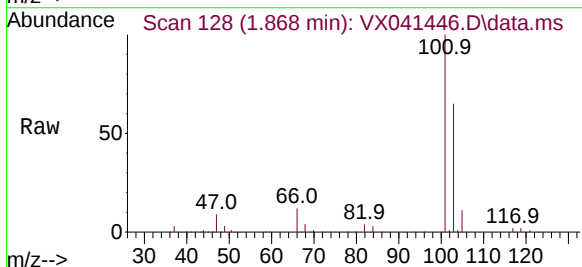
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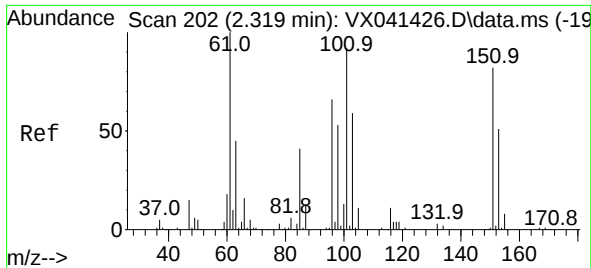
Tgt Ion:101 Resp: 146538

Ion Ratio Lower Upper

101 100

103 65.5 51.7 77.5

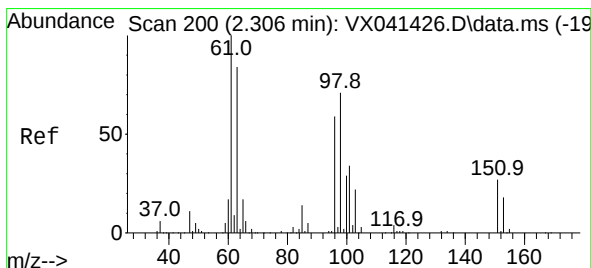
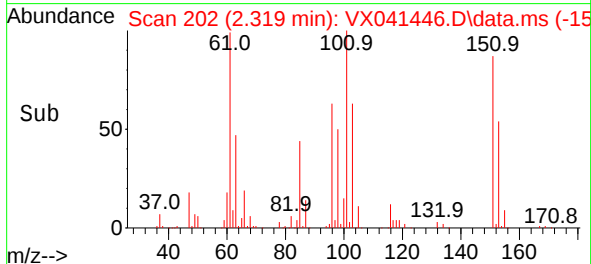
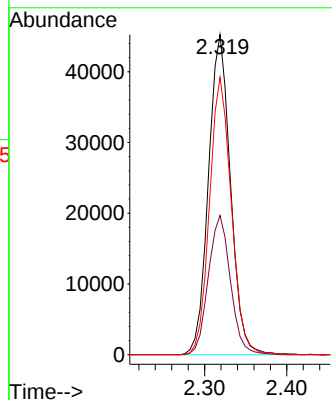
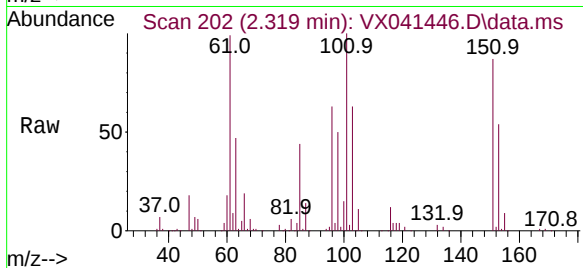




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.414 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX041446.D
 Acq: 10 May 2024 08:39

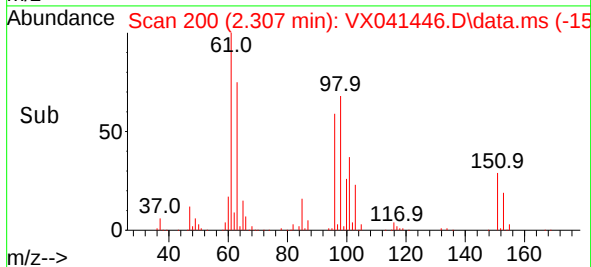
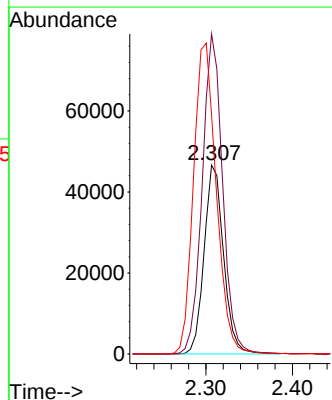
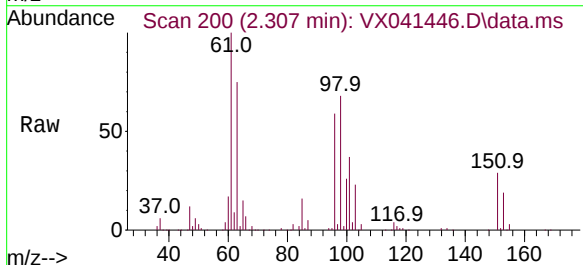
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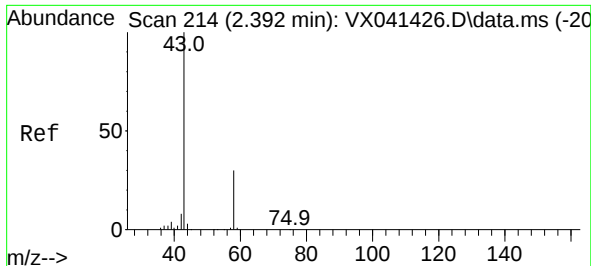
Tgt Ion:101 Resp: 84252
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.4 50.2
 151 85.7 68.7 103.1



#12
 1,1-Dichloroethene
 Concen: 46.127 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX041446.D
 Acq: 10 May 2024 08:39

Tgt Ion: 96 Resp: 72807
 Ion Ratio Lower Upper
 96 100
 61 169.3 119.3 221.7
 63 126.6 100.0 185.8





#13

Acetone

Concen: 88.053 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

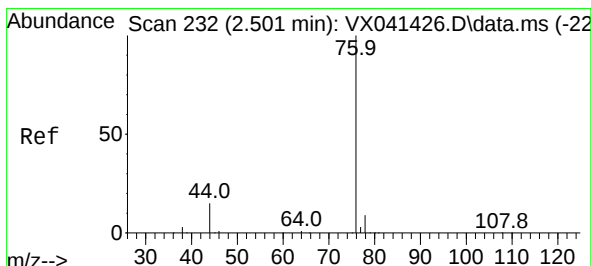
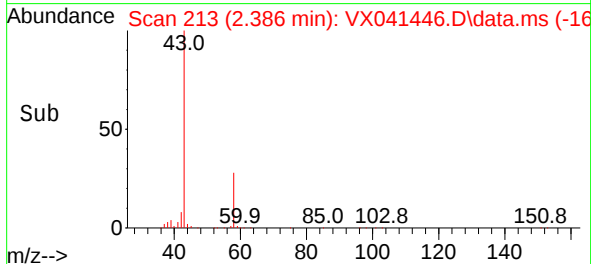
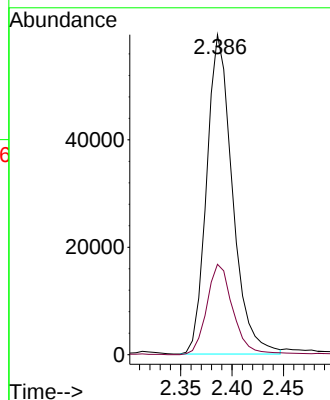
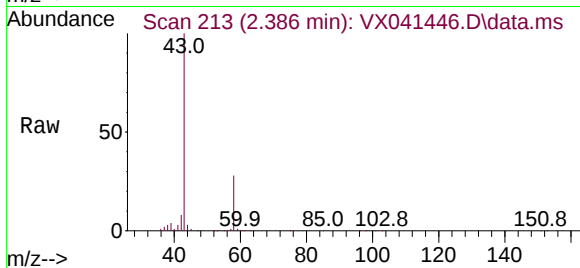
ClientSampleId :

Tgt Ion: 43 Resp: 103845

Ion Ratio Lower Upper

43 100

58 29.0 0.0 58.0



#14

Carbon disulfide

Concen: 47.559 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041446.D

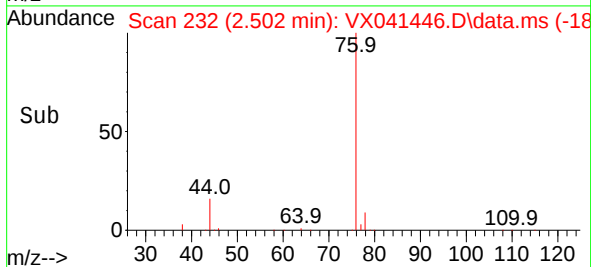
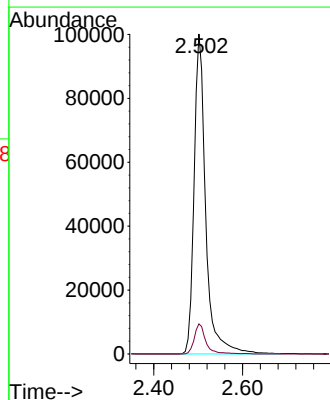
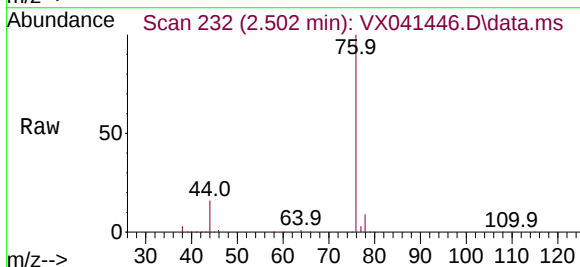
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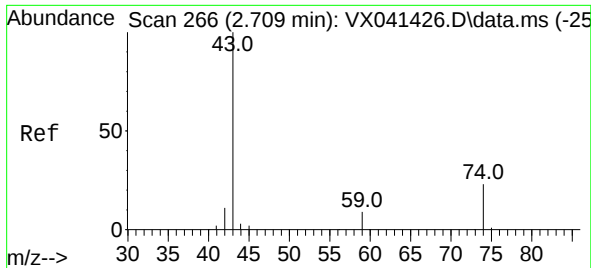
Tgt Ion: 76 Resp: 180939

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 50.594 ug/L

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

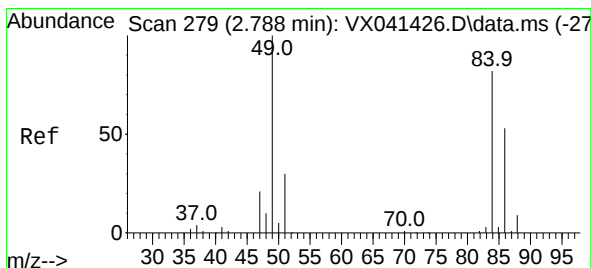
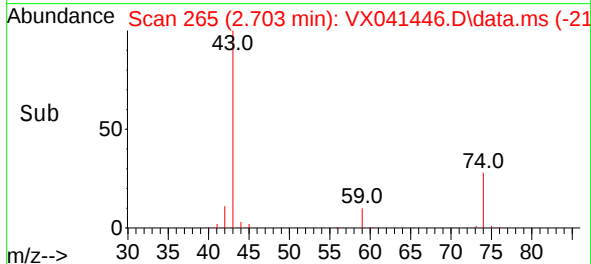
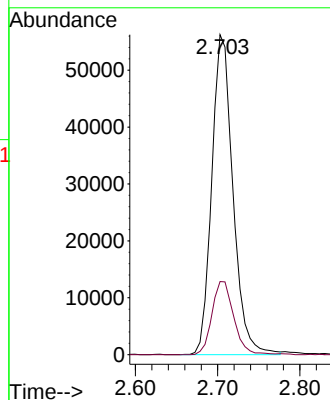
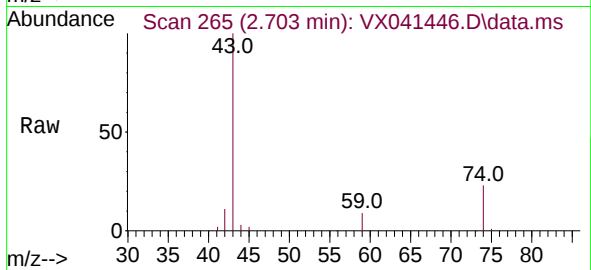
ClientSampleId :

Tgt Ion: 43 Resp: 100703

Ion Ratio Lower Upper

43 100

74 23.1 18.5 27.7



#16

Methylene chloride

Concen: 52.615 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

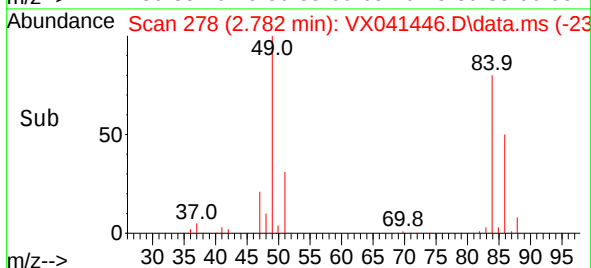
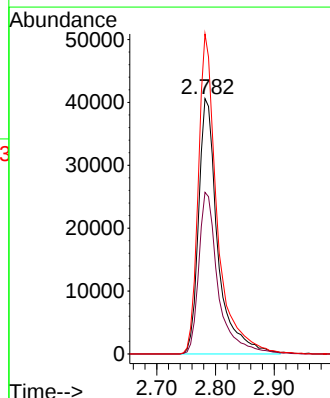
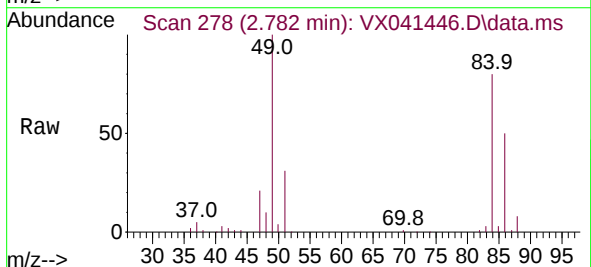
Tgt Ion: 84 Resp: 92170

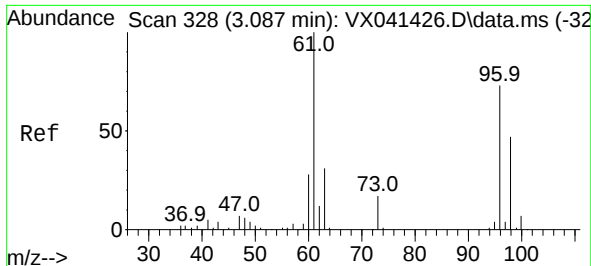
Ion Ratio Lower Upper

84 100

86 63.3 44.9 83.5

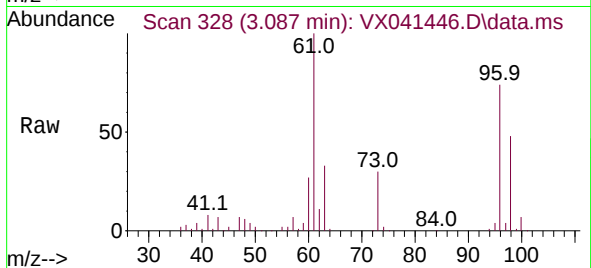
49 125.3 85.5 158.7





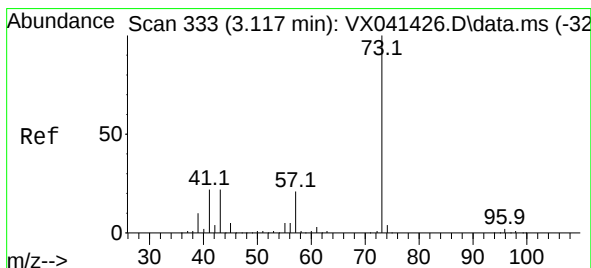
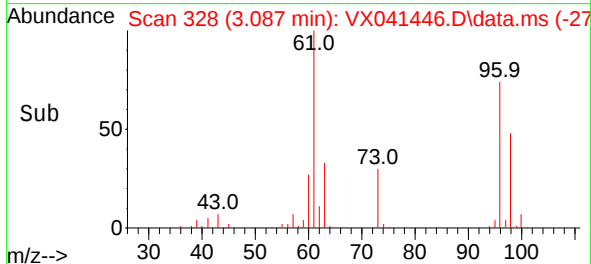
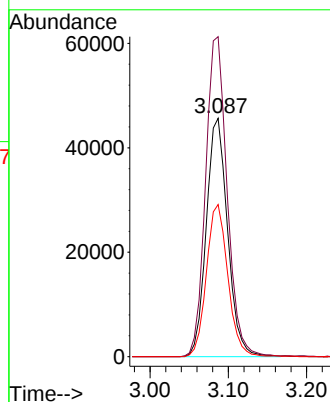
#17
trans-1,2-Dichloroethene
Concen: 53.215 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 86318

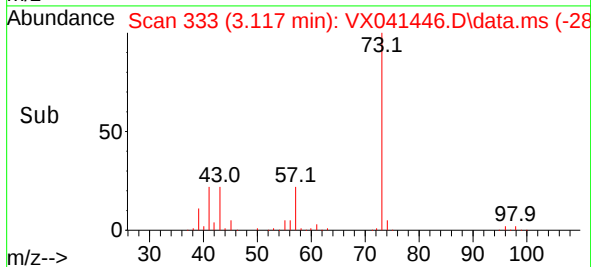
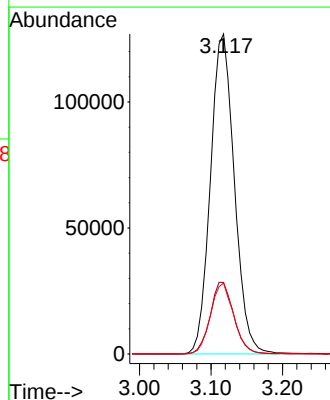
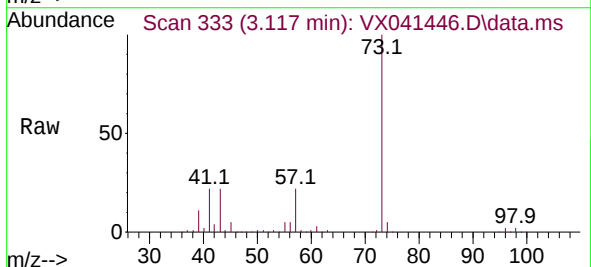
Ion	Ratio	Lower	Upper
96	100		
61	134.2	95.8	177.8
98	63.8	44.9	83.5

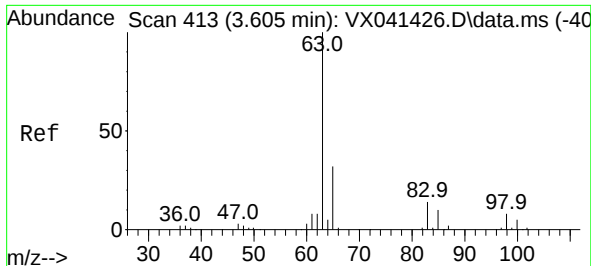


#18
Methyl tert-butyl Ether
Concen: 53.321 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

Tgt Ion: 73 Resp: 295088

Ion	Ratio	Lower	Upper
73	100		
43	22.2	17.4	26.0
57	21.6	16.7	25.1





#19

1,1-Dichloroethane

Concen: 54.130 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :

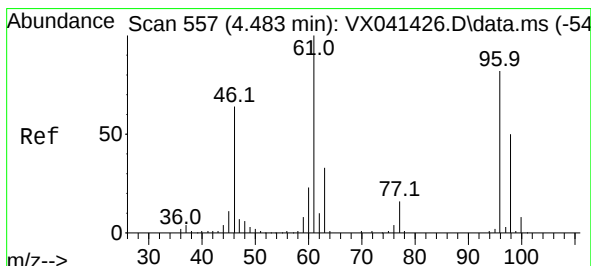
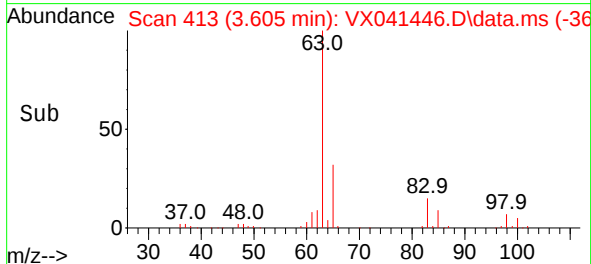
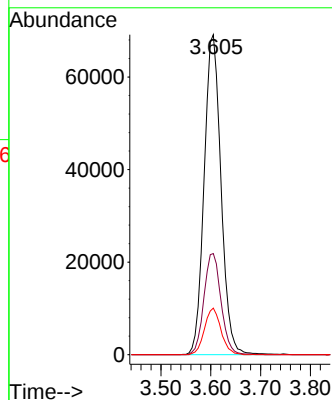
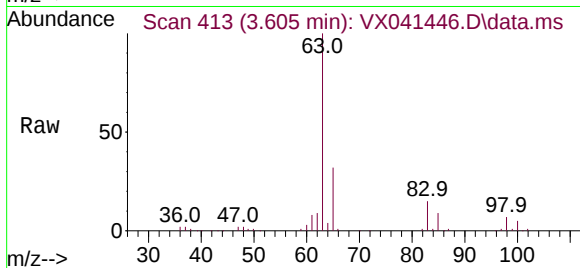
Tgt Ion: 63 Resp: 162585

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 14.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.483 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

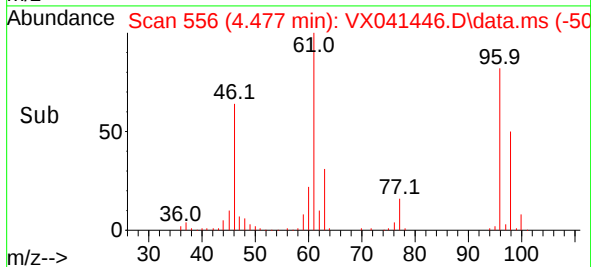
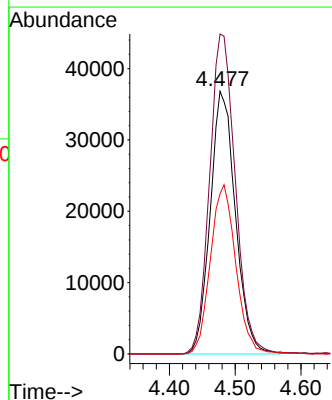
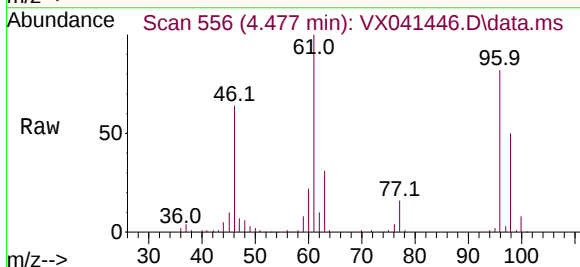
Tgt Ion: 96 Resp: 98271

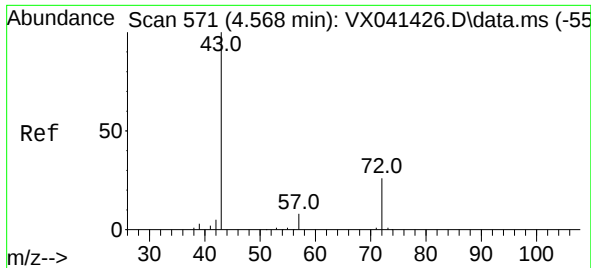
Ion Ratio Lower Upper

96 100

61 121.9 85.5 158.9

98 61.1 43.0 80.0

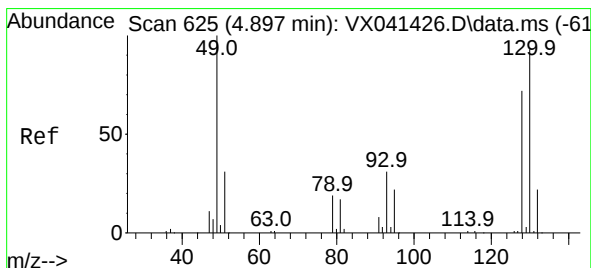
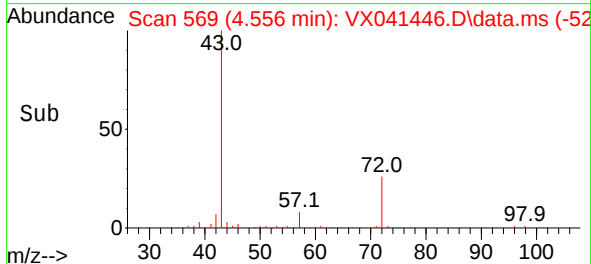
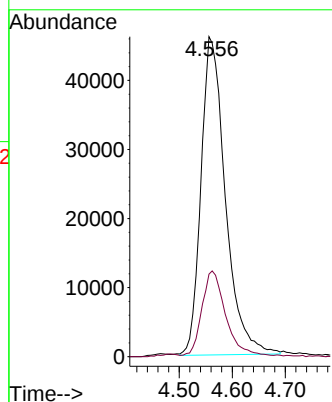
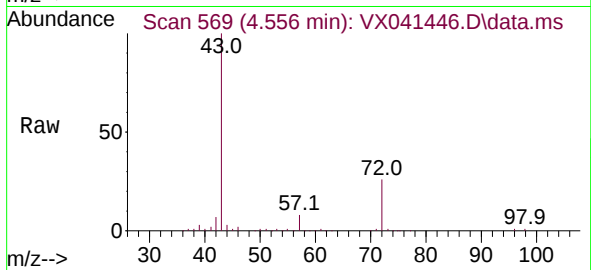




#22
2-Butanone
Concen: 99.972 ug/L
RT: 4.556 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

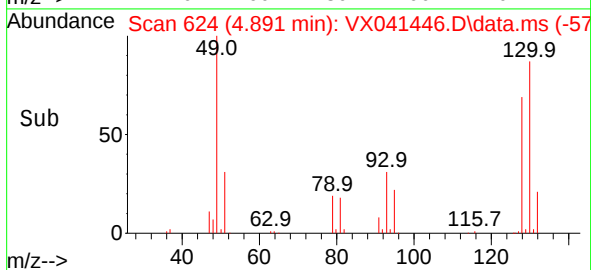
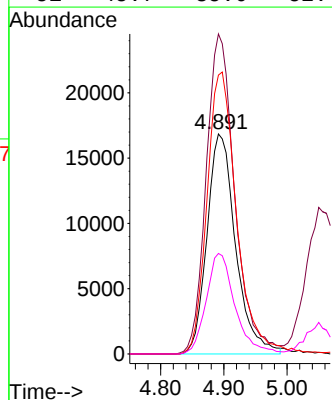
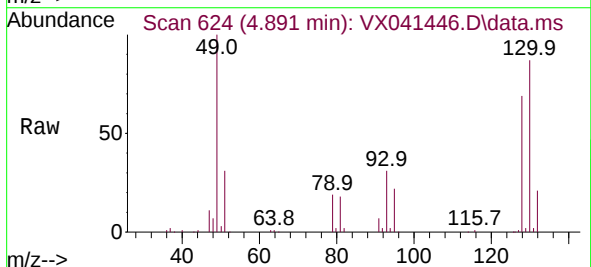
Instrument :
MSVOA_X
ClientSampleId :

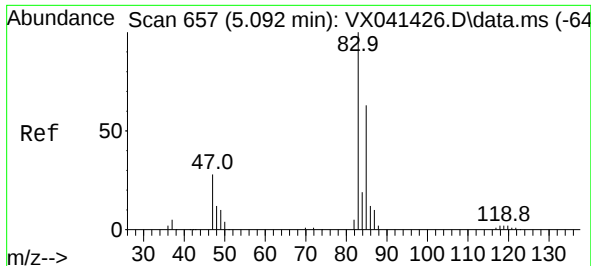
Tgt Ion: 43 Resp: 147218
Ion Ratio Lower Upper
43 100
72 26.6 12.4 37.4



#23
Bromochloromethane
Concen: 53.162 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

Tgt Ion:128 Resp: 52974
Ion Ratio Lower Upper
128 100
49 145.5 97.7 181.5
130 126.8 90.5 168.1
51 45.7 35.0 52.4





#25

Chloroform

Concen: 50.781 ug/L

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

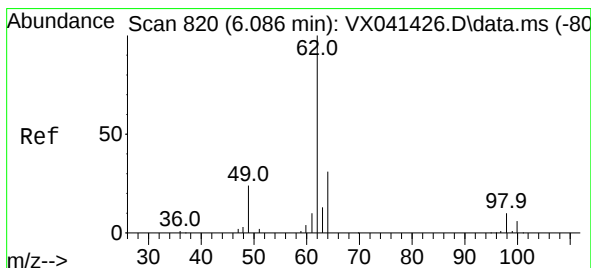
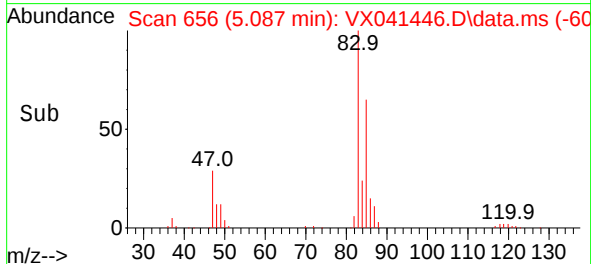
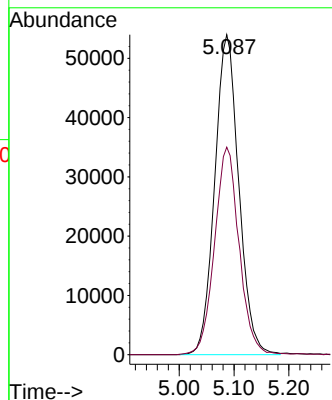
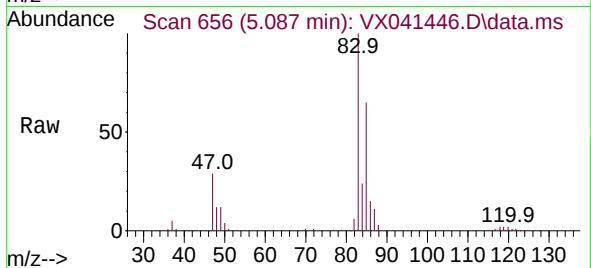
ClientSampleId :

Tgt Ion: 83 Resp: 164700

Ion Ratio Lower Upper

83 100

85 64.9 43.8 81.4



#27

1,2-Dichloroethane

Concen: 51.410 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX041446.D

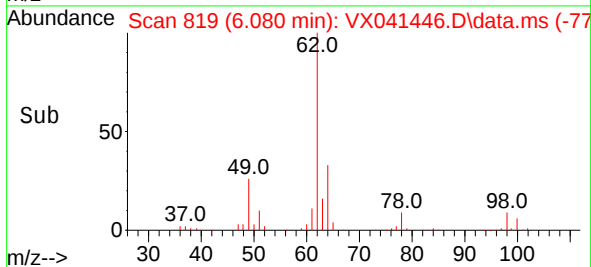
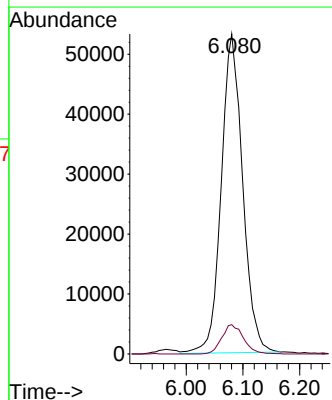
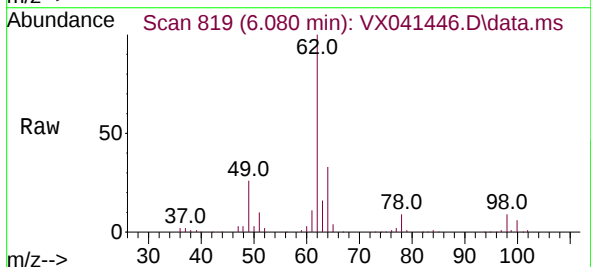
Acq: 10 May 2024 08:39

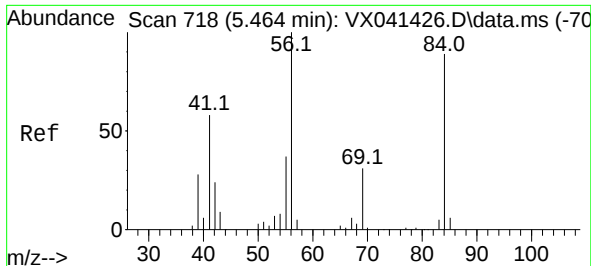
Tgt Ion: 62 Resp: 138940

Ion Ratio Lower Upper

62 100

98 9.2 8.2 12.2





#29

Cyclohexane

Concen: 50.423 ug/L

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :

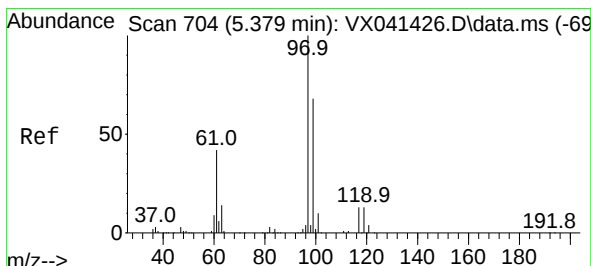
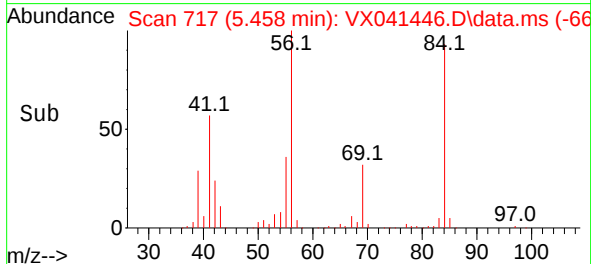
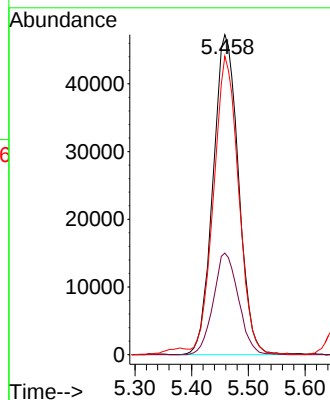
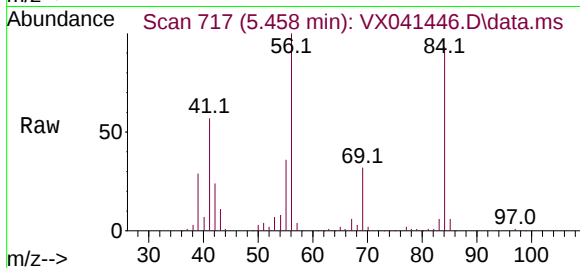
Tgt Ion: 56 Resp: 147181

Ion Ratio Lower Upper

56 100

69 31.4 25.0 37.6

84 91.2 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 50.470 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

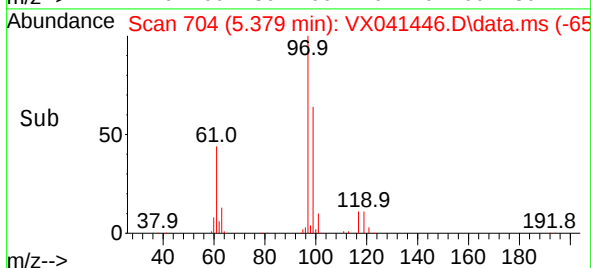
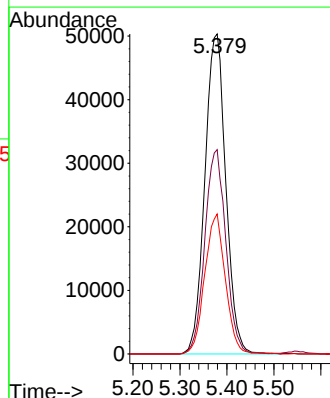
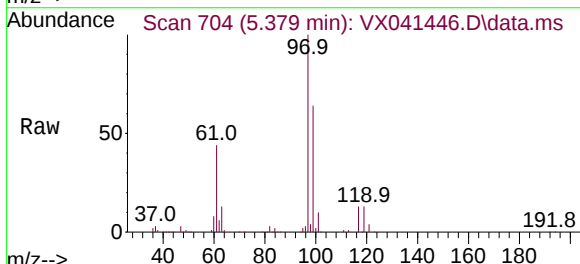
Tgt Ion: 97 Resp: 155947

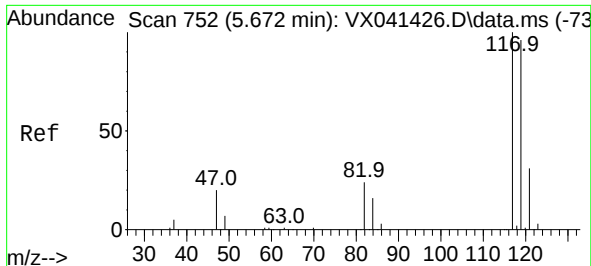
Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

61 42.8 34.6 51.8

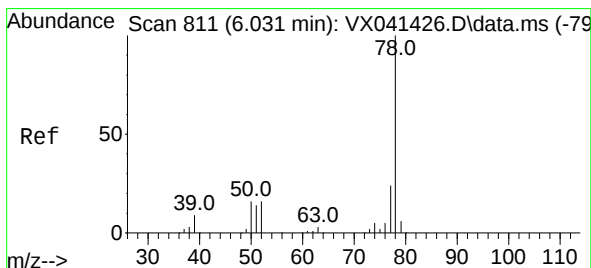
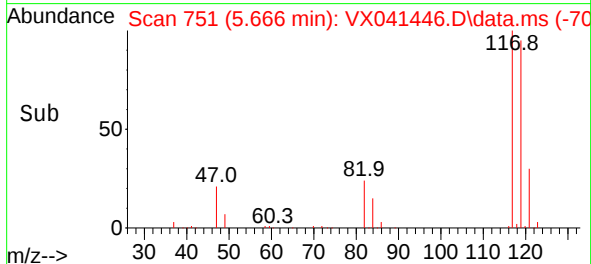
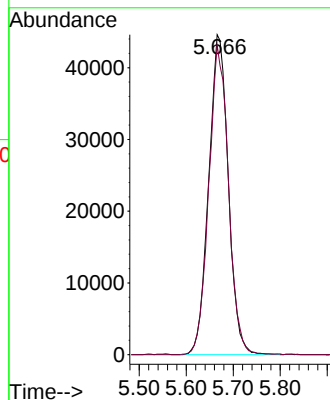
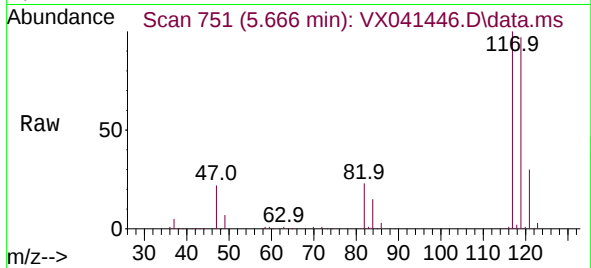




#31
Carbon tetrachloride
Concen: 47.044 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

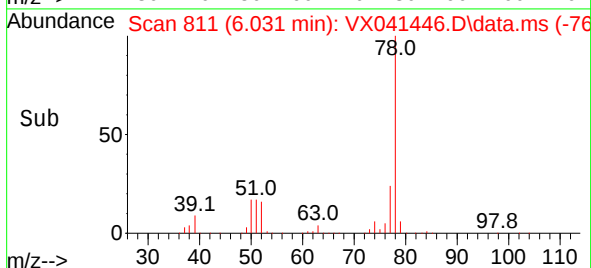
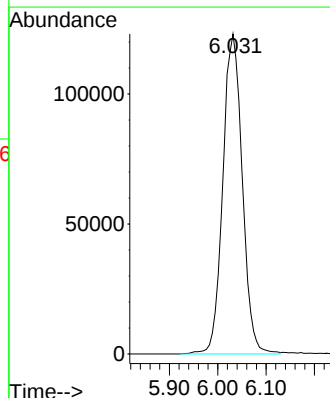
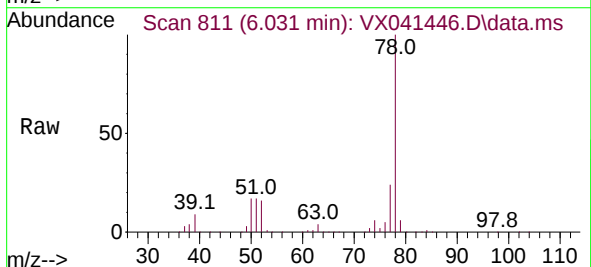
Instrument :
MSVOA_X
ClientSampleId :

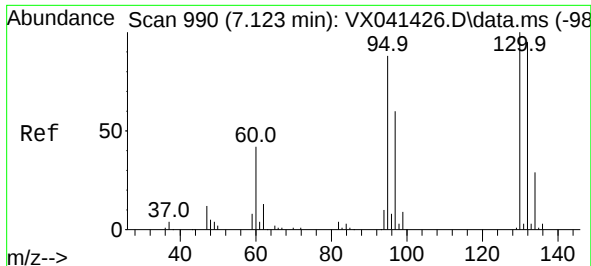
Tgt Ion:117 Resp: 129042
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5



#33
Benzene
Concen: 46.870 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

Tgt Ion: 78 Resp: 344272





#34

Trichloroethene

Concen: 46.686 ug/L

RT: 7.117 min Scan# 91

Delta R.T. -0.006 min

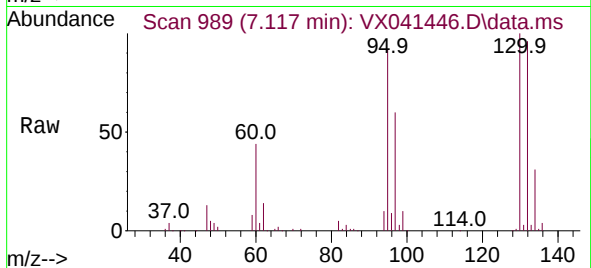
Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 93931

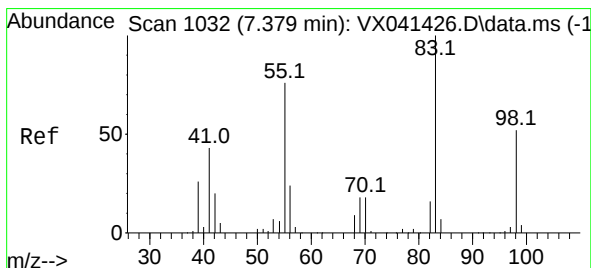
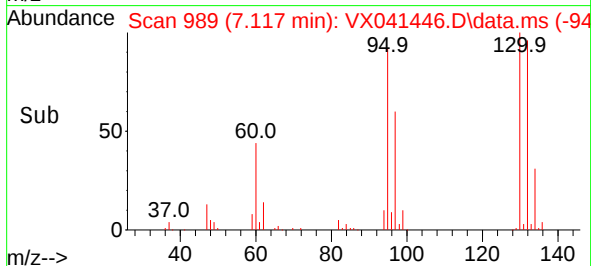
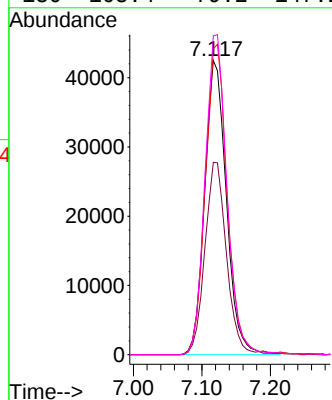
Ion Ratio Lower Upper

95 100

97 65.4 47.3 87.9

132 103.9 75.0 139.4

130 108.4 79.2 147.2



#35

Methylcyclohexane

Concen: 48.836 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

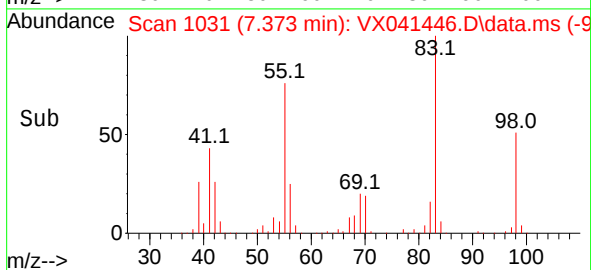
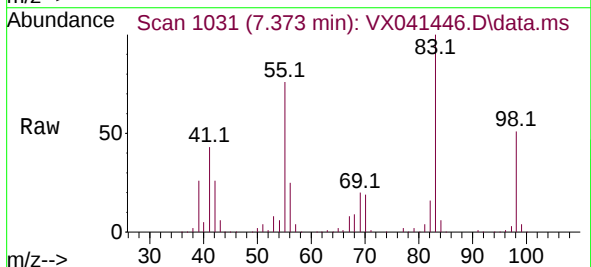
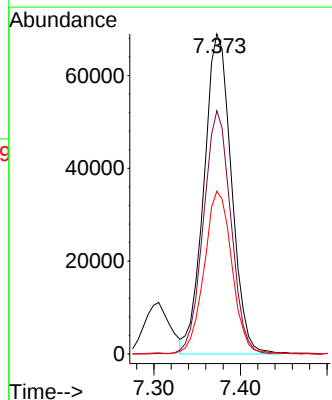
Tgt Ion: 83 Resp: 152254

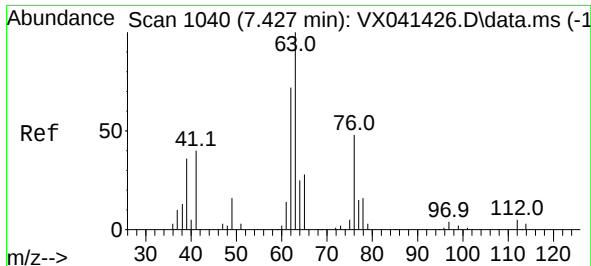
Ion Ratio Lower Upper

83 100

55 75.5 59.0 88.4

98 51.3 40.8 61.2





#37

1,2-Dichloropropane

Concen: 48.334 ug/L

RT: 7.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

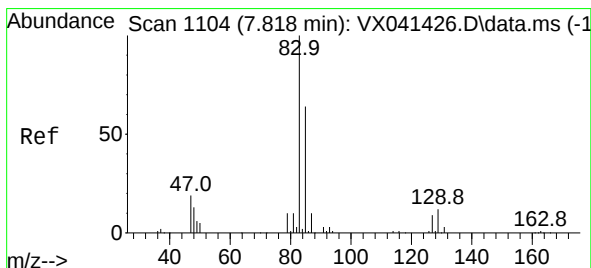
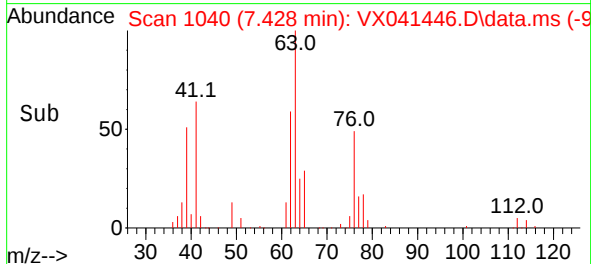
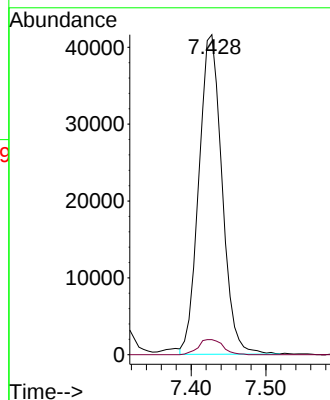
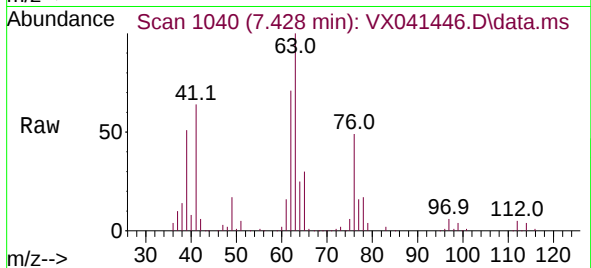
ClientSampleId :

Tgt Ion: 63 Resp: 89400

Ion Ratio Lower Upper

63 100

112 5.0 4.1 6.1



#38

Bromodichloromethane

Concen: 46.292 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

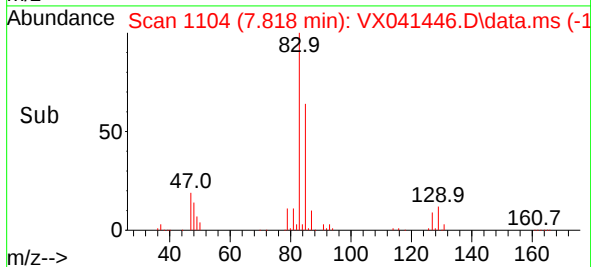
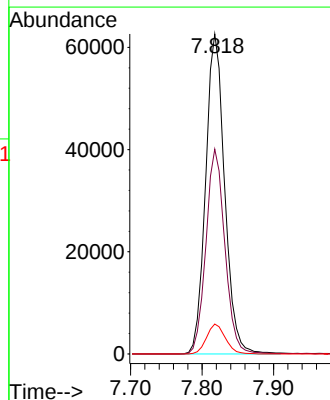
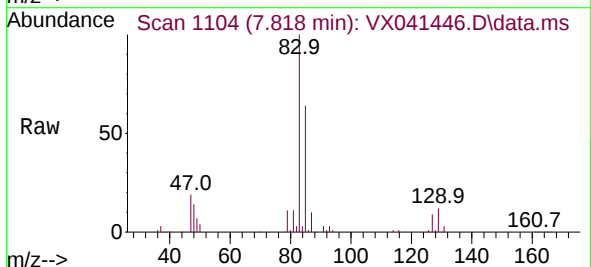
Tgt Ion: 83 Resp: 115736

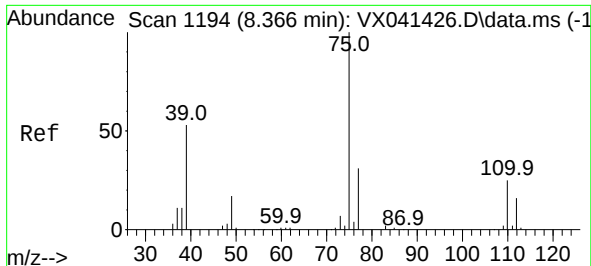
Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

127 9.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 47.000 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

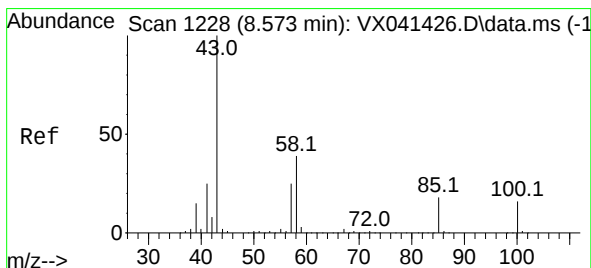
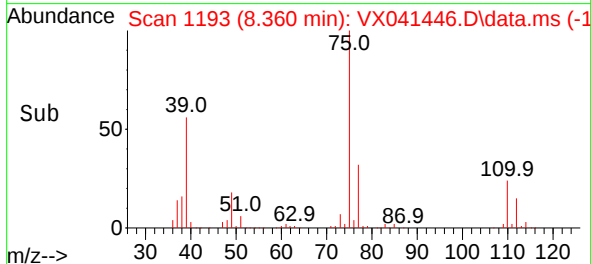
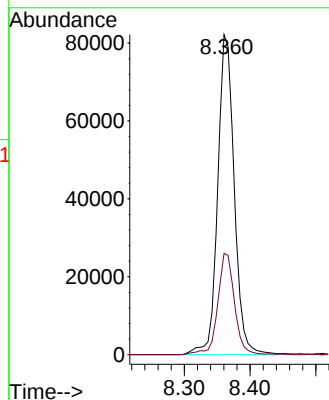
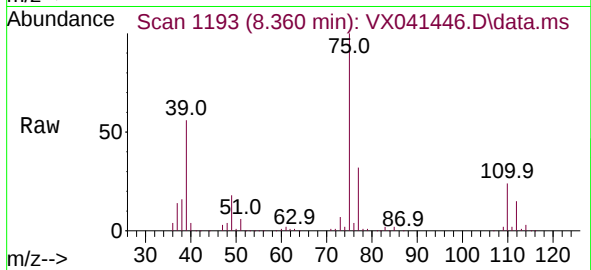
ClientSampleId :

Tgt Ion: 75 Resp: 143967

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 91.618 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

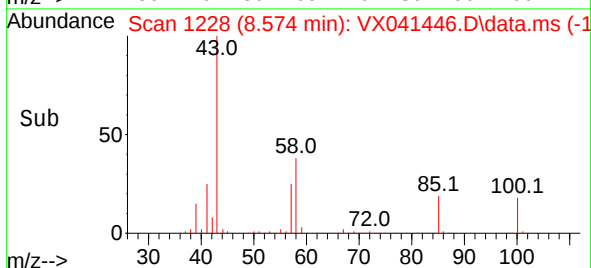
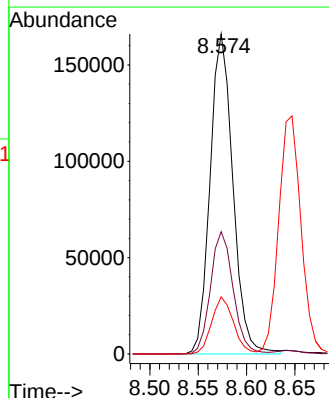
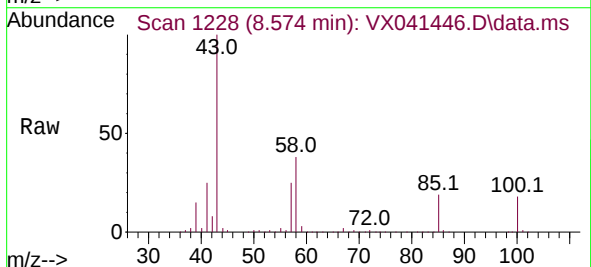
Tgt Ion: 43 Resp: 272721

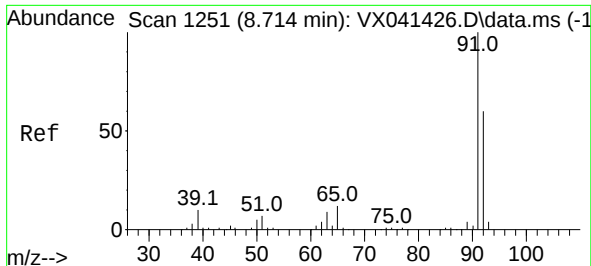
Ion Ratio Lower Upper

43 100

58 38.0 30.9 46.3

100 17.1 13.6 20.4





#42

Toluene

Concen: 47.217 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

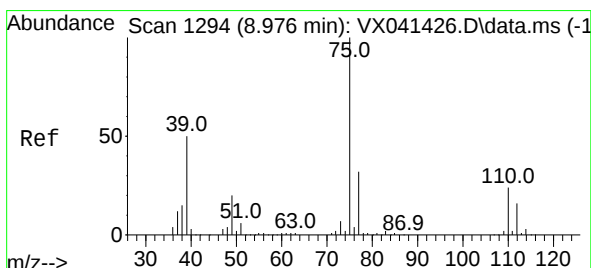
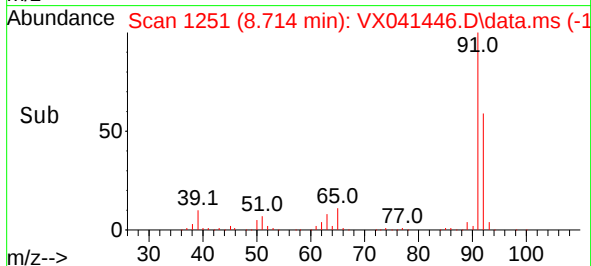
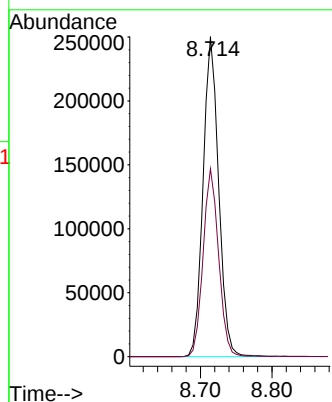
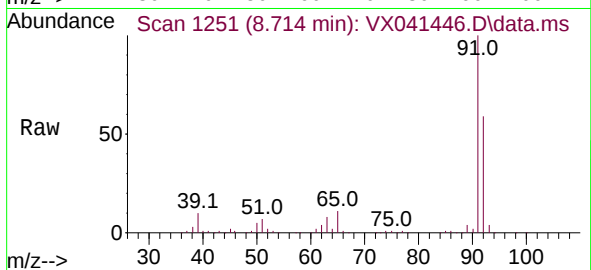
ClientSampleId :

Tgt Ion: 91 Resp: 378463

Ion Ratio Lower Upper

91 100

92 58.7 42.4 78.6



#44

trans-1,3-Dichloropropene

Concen: 44.811 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041446.D

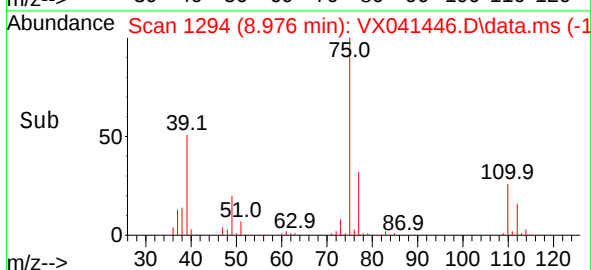
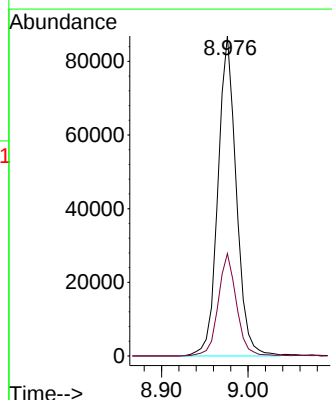
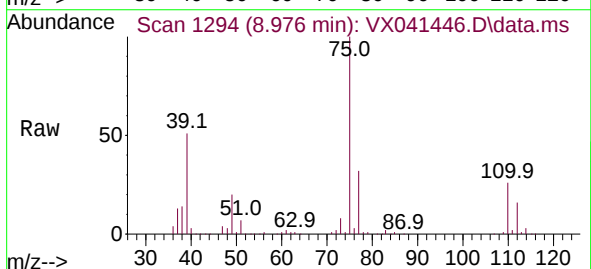
Acq: 10 May 2024 08:39

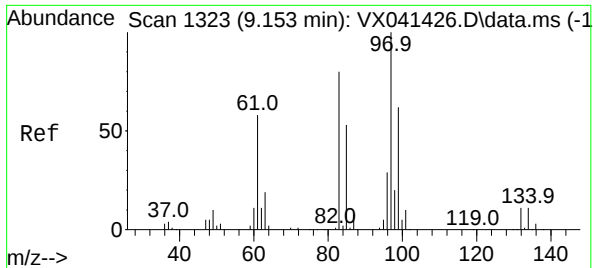
Tgt Ion: 75 Resp: 127999

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.3

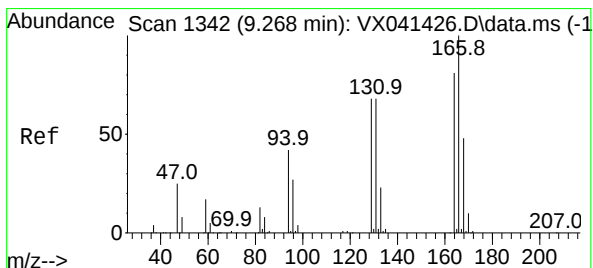
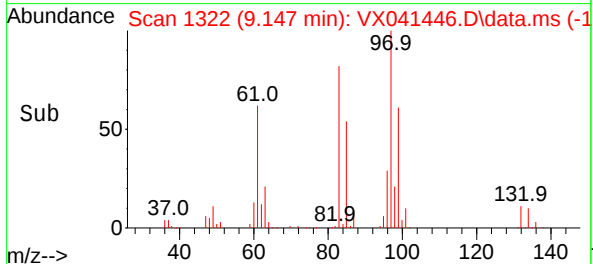
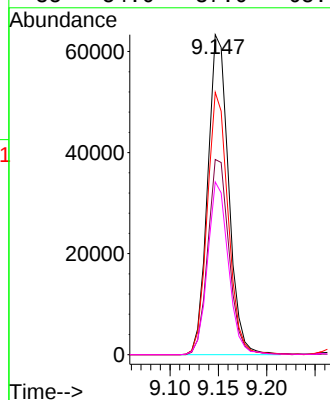
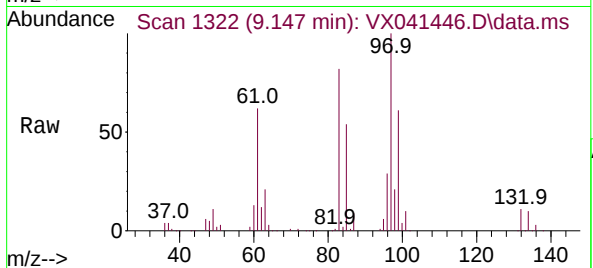




#45
1,1,2-Trichloroethane
Concen: 46.704 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

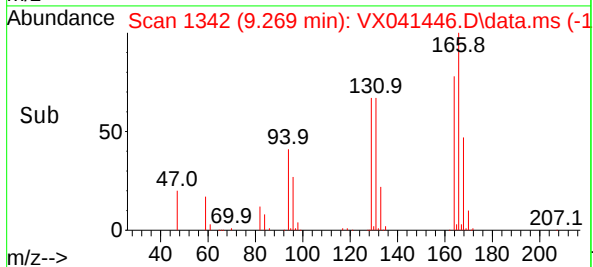
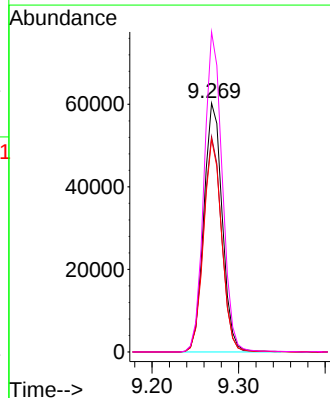
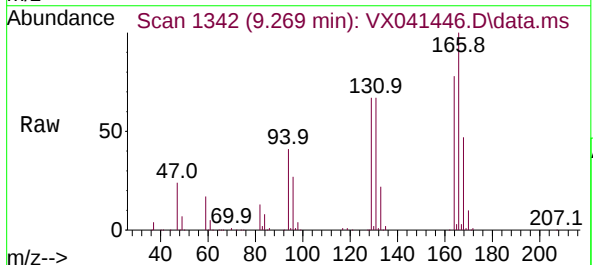
Instrument :
MSVOA_X
ClientSampleId :

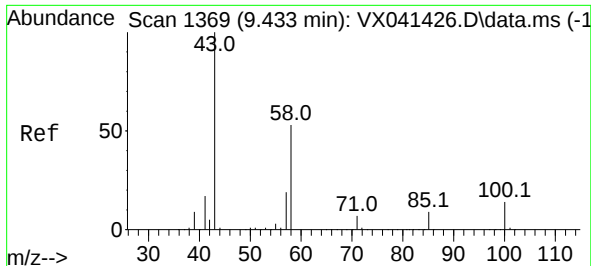
Tgt Ion:	97	Resp:	95524
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.4	80.6
83	82.0	56.1	104.3
85	54.0	37.0	68.6



#46
Tetrachloroethene
Concen: 46.233 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

Tgt Ion:	164	Resp:	89021
Ion	Ratio	Lower	Upper
164	100		
129	86.5	59.4	110.4
131	85.6	58.7	108.9
166	128.6	86.7	161.1





#48

2-Hexanone

Concen: 90.368 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

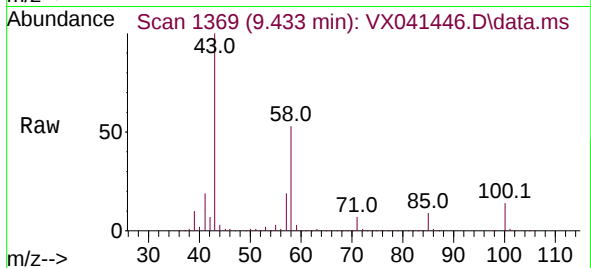
Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 215509

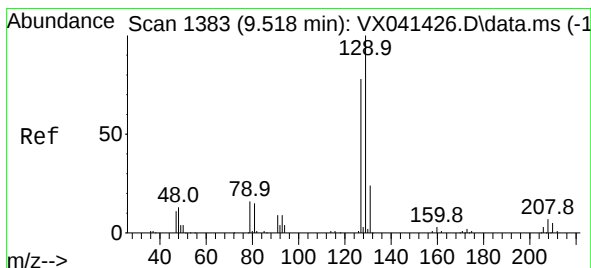
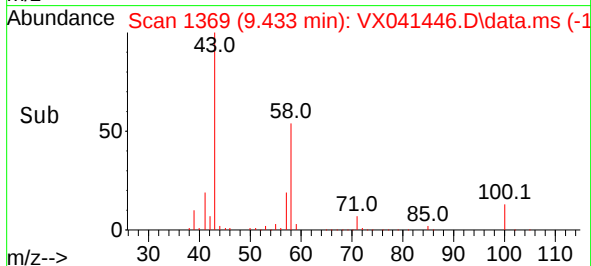
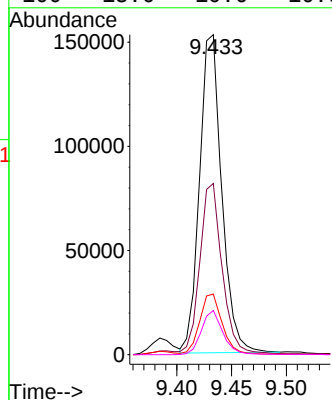
Ion Ratio Lower Upper

43 100

58 53.9 42.3 63.5

57 19.8 15.1 22.7

100 13.6 10.6 16.0



#49

Dibromochloromethane

Concen: 48.013 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041446.D

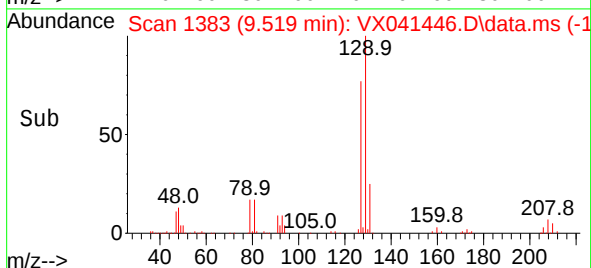
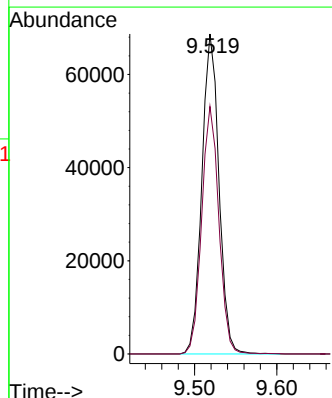
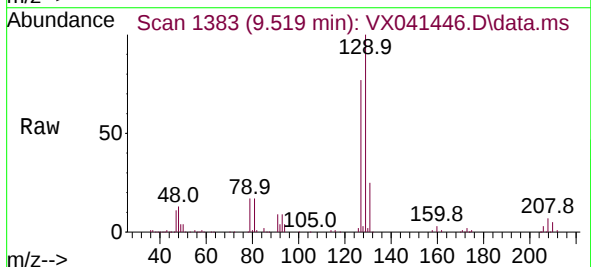
Acq: 10 May 2024 08:39

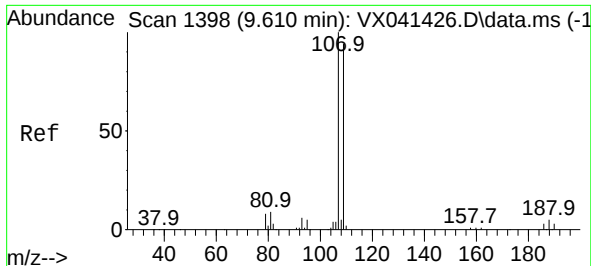
Tgt Ion: 129 Resp: 99270

Ion Ratio Lower Upper

129 100

127 77.3 54.4 101.0





#50

1,2-Dibromoethane

Concen: 45.724 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041446.D

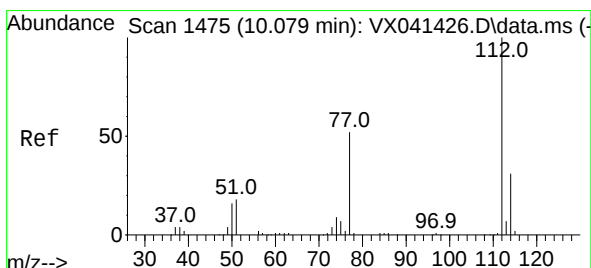
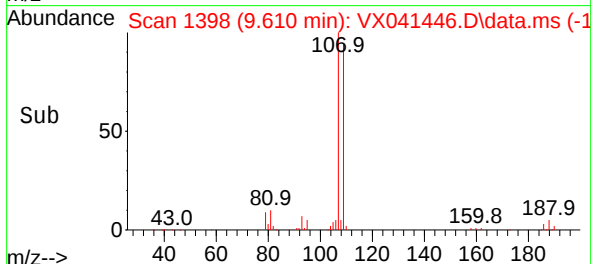
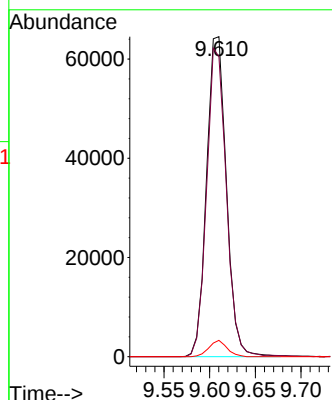
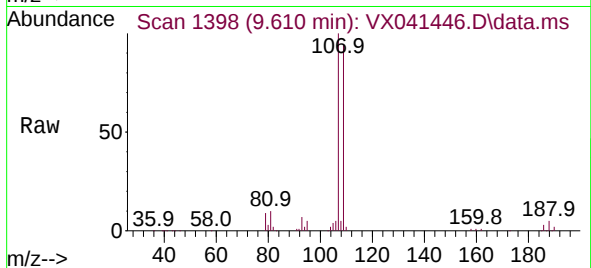
Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	97301
Ion Ratio	Lower	Upper	
107	100		
109	93.7	66.1	122.7
188	5.1	4.0	6.0



#51

Chlorobenzene

Concen: 47.406 ug/L

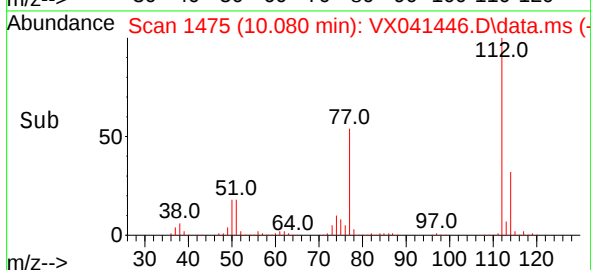
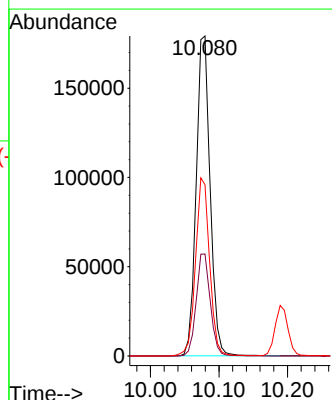
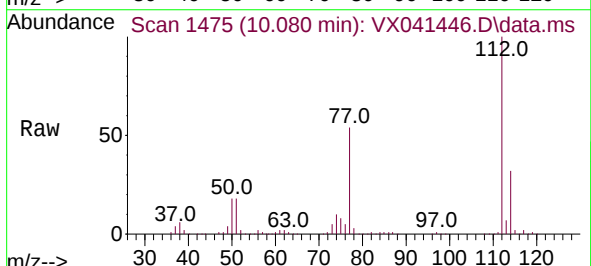
RT: 10.080 min Scan# 1475

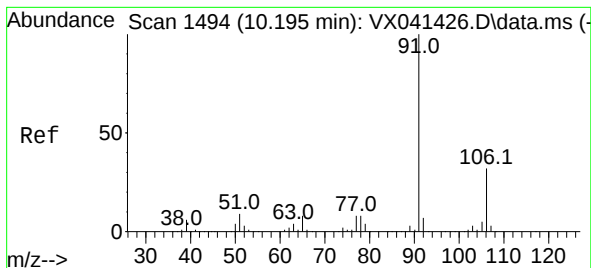
Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Tgt Ion:	112	Resp:	253397
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.0	41.0
77	53.5	41.7	62.5





#52

Ethylbenzene

Concen: 48.275 ug/L

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

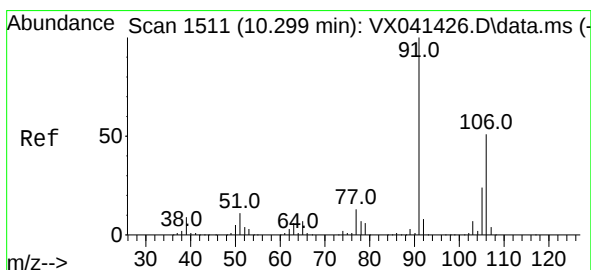
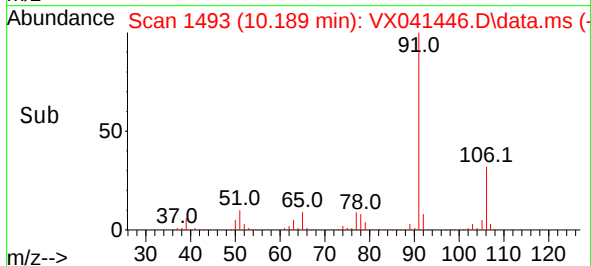
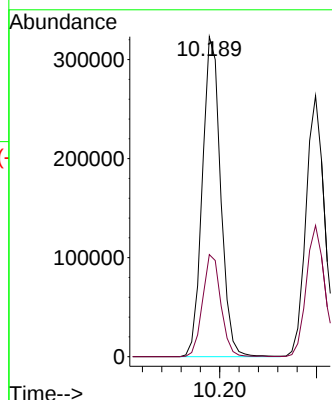
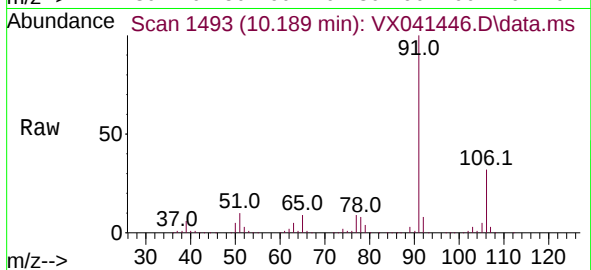
ClientSampleId :

Tgt Ion: 91 Resp: 424561

Ion Ratio Lower Upper

91 100

106 31.9 22.2 41.2



#53

m,p-Xylene

Concen: 50.469 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041446.D

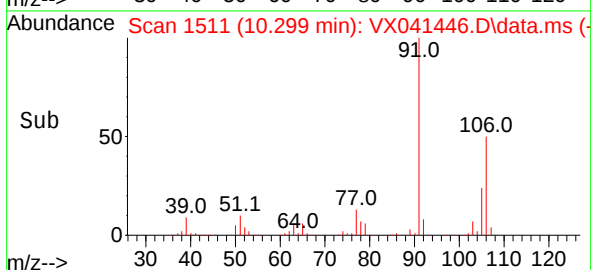
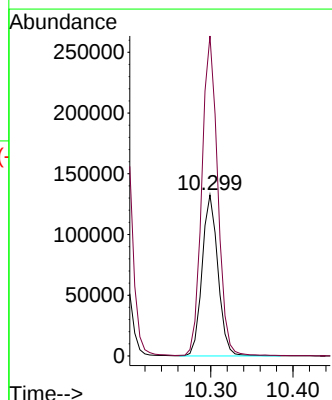
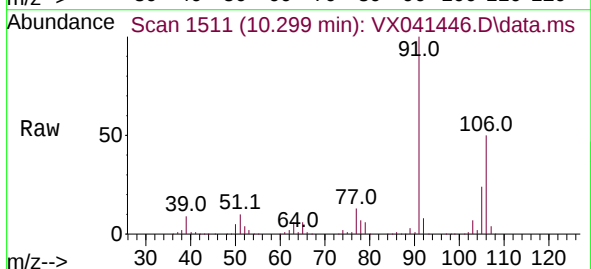
Acq: 10 May 2024 08:39

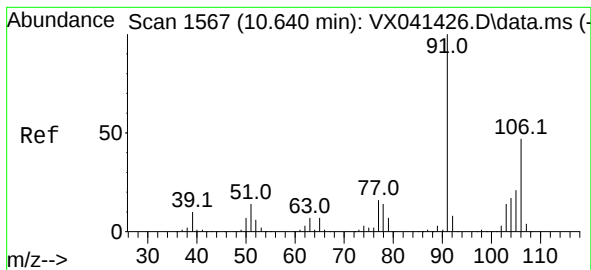
Tgt Ion:106 Resp: 177545

Ion Ratio Lower Upper

106 100

91 198.8 138.1 256.5





#54

o-Xylene

Concen: 49.247 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

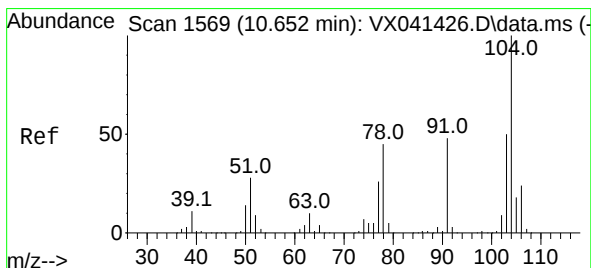
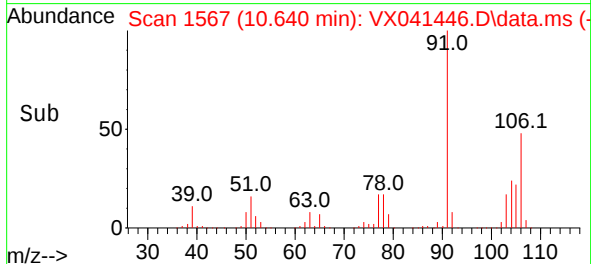
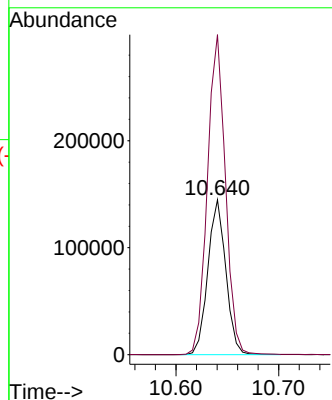
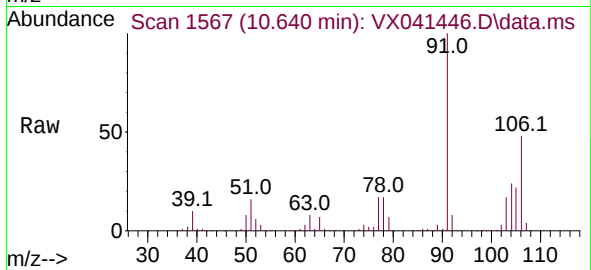
ClientSampleId :

Tgt Ion:106 Resp: 176541

Ion Ratio Lower Upper

106 100

91 206.6 148.4 275.6



#55

Styrene

Concen: 49.864 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041446.D

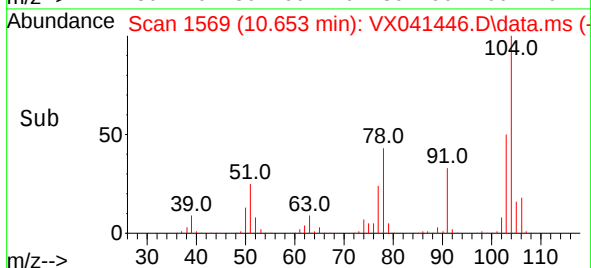
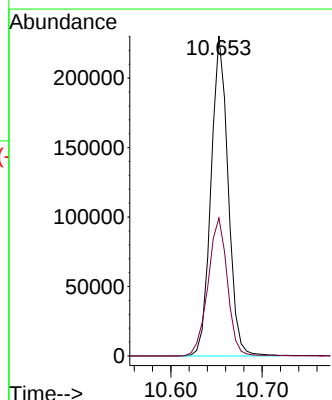
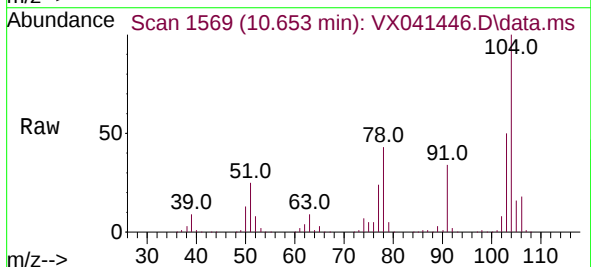
Acq: 10 May 2024 08:39

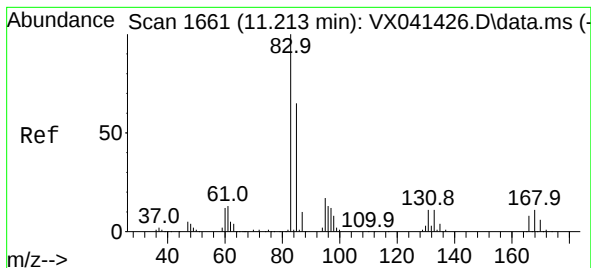
Tgt Ion:104 Resp: 298522

Ion Ratio Lower Upper

104 100

78 43.1 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 48.221 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :

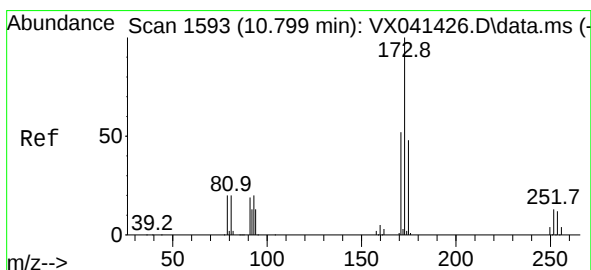
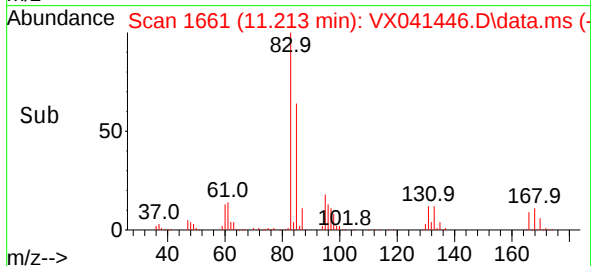
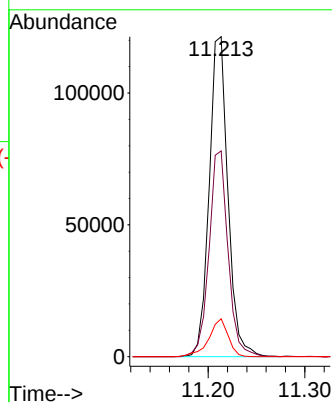
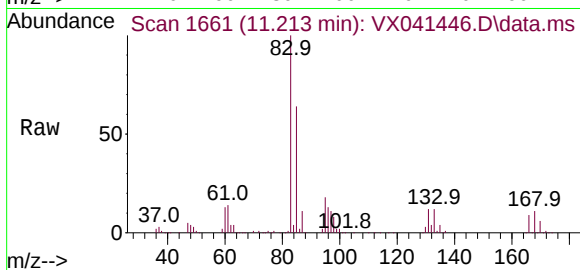
Tgt Ion: 83 Resp: 163647

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.4

131 11.8 9.0 13.4



#59

Bromoform

Concen: 52.989 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

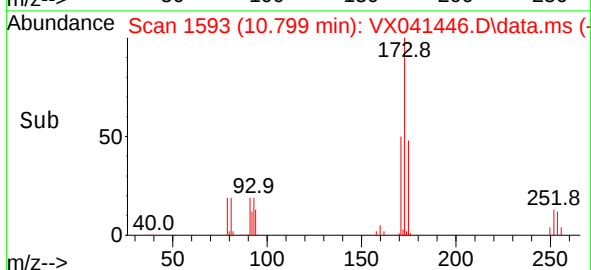
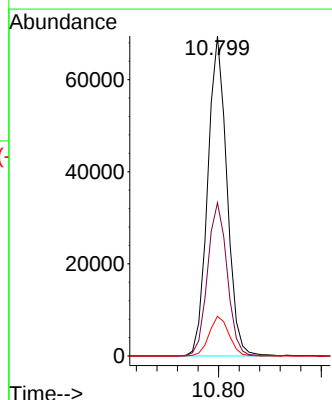
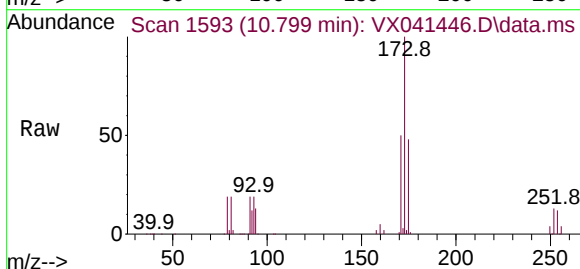
Tgt Ion:173 Resp: 89936

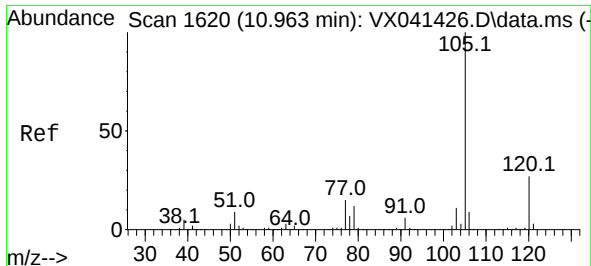
Ion Ratio Lower Upper

173 100

175 49.0 38.6 58.0

254 12.8 10.0 15.0





#60

Isopropylbenzene

Concen: 53.092 ug/L

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :

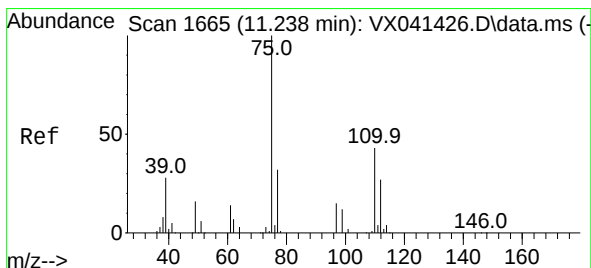
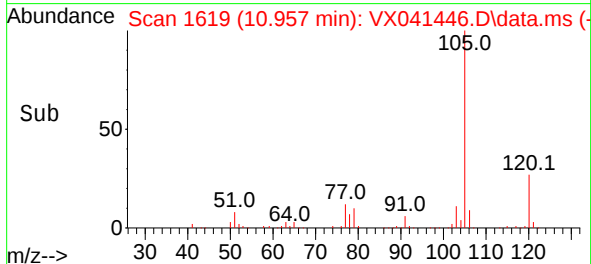
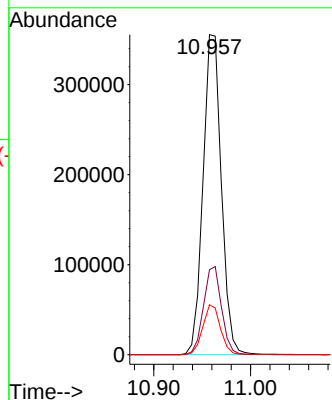
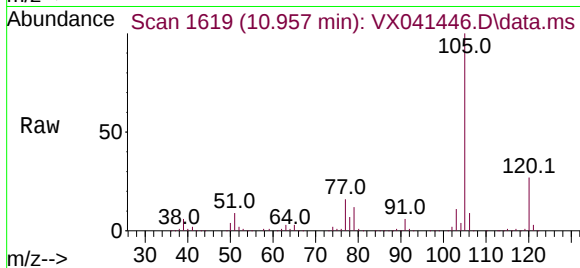
Tgt Ion:105 Resp: 469818

Ion Ratio Lower Upper

105 100

120 27.1 22.0 33.0

77 15.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 51.231 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

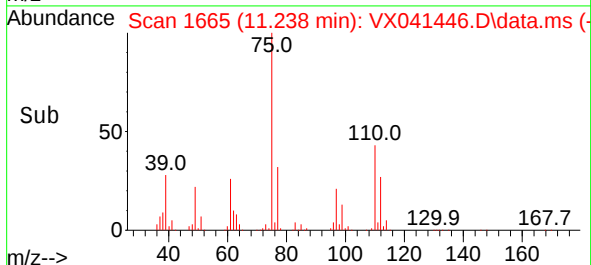
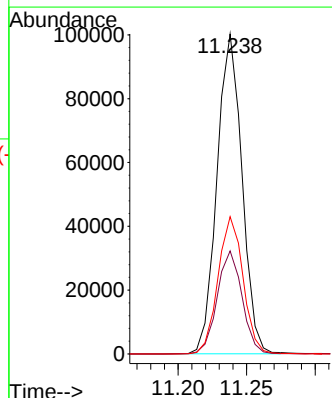
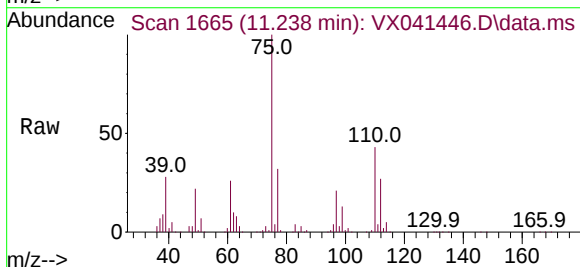
Tgt Ion: 75 Resp: 127017

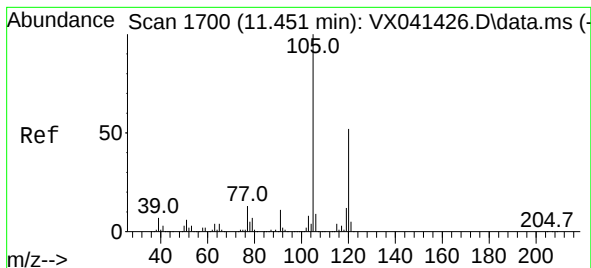
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 43.1 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 53.143 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

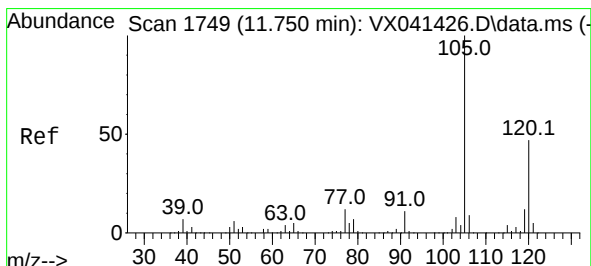
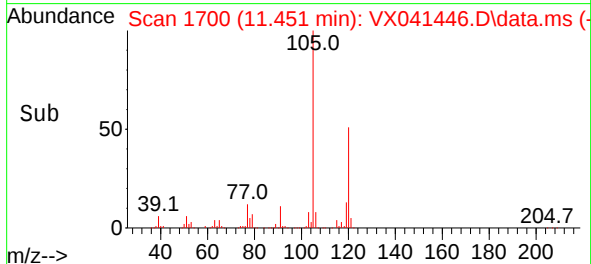
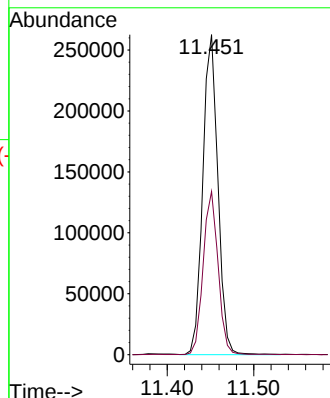
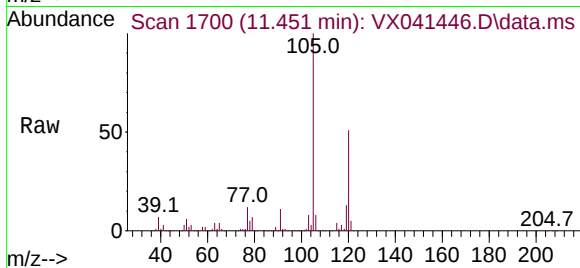
ClientSampleId :

Tgt Ion:105 Resp: 317723

Ion Ratio Lower Upper

105 100

120 50.1 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 53.481 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041446.D

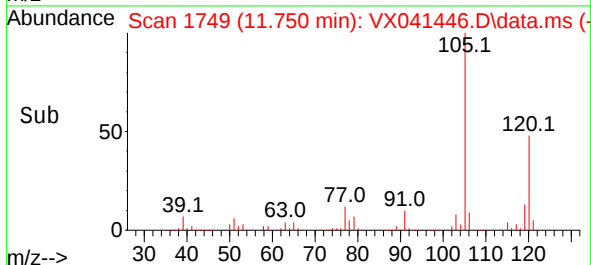
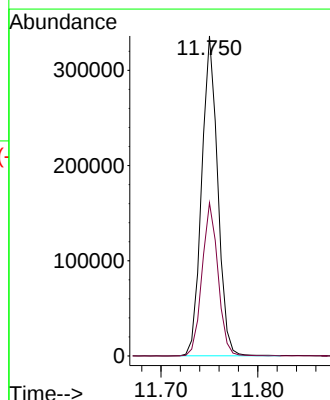
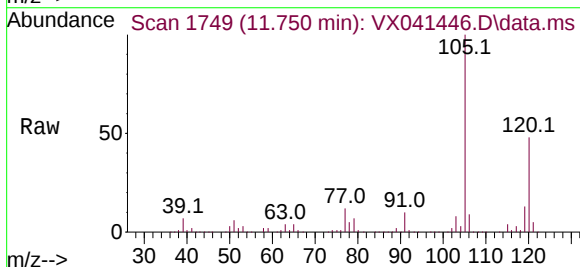
Acq: 10 May 2024 08:39

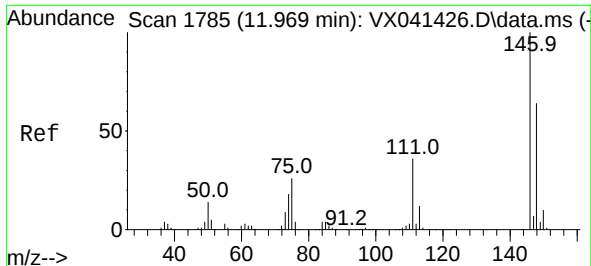
Tgt Ion:105 Resp: 387403

Ion Ratio Lower Upper

105 100

120 47.4 37.9 56.9

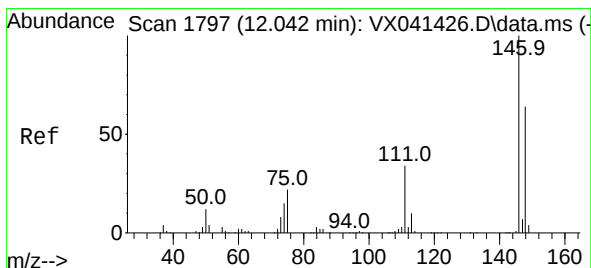
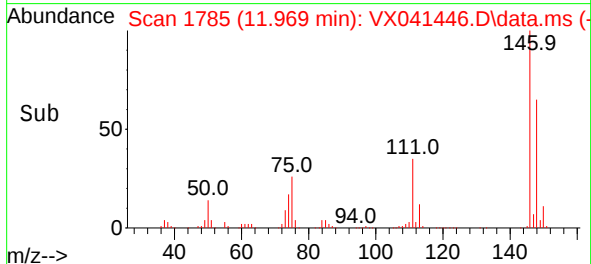
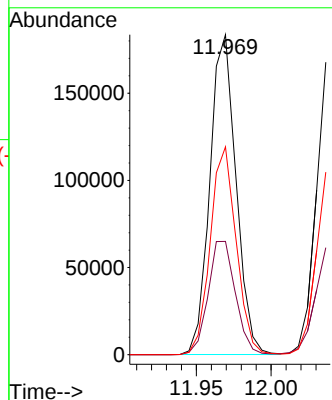
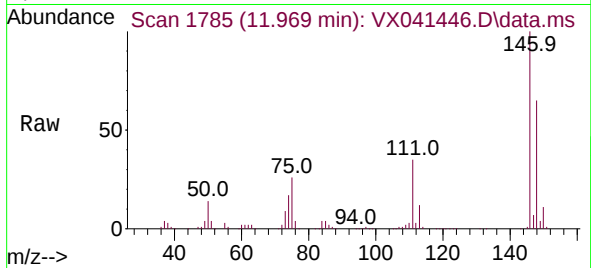




#64
1,3-Dichlorobenzene
Concen: 49.565 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

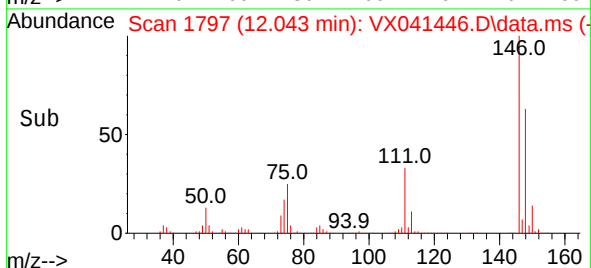
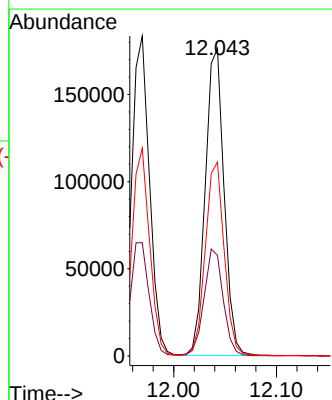
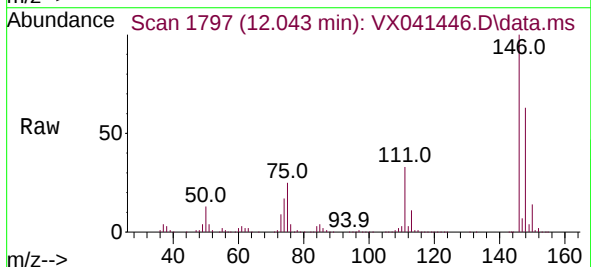
Instrument :
MSVOA_X
ClientSampleId :

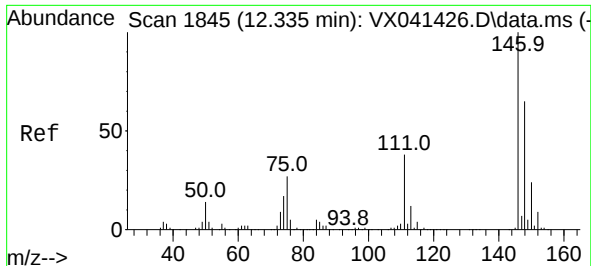
Tgt Ion:146 Resp: 223138
Ion Ratio Lower Upper
146 100
111 35.4 24.8 46.1
148 64.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.041 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041446.D
Acq: 10 May 2024 08:39

Tgt Ion:146 Resp: 224737
Ion Ratio Lower Upper
146 100
111 32.7 24.1 44.8
148 63.1 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 47.807 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :

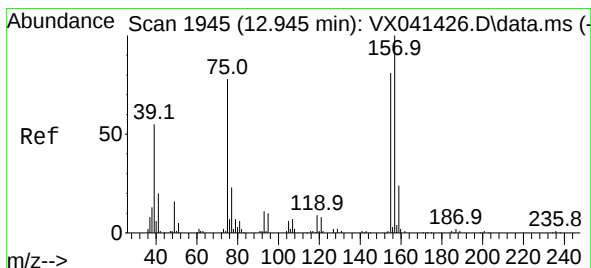
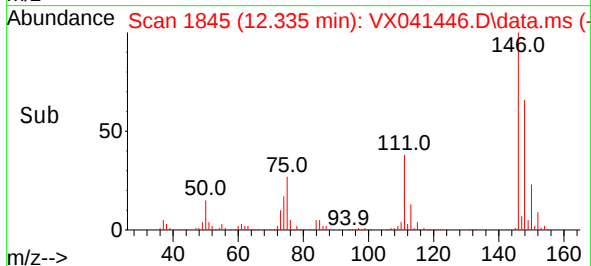
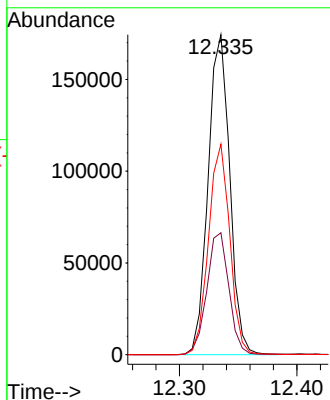
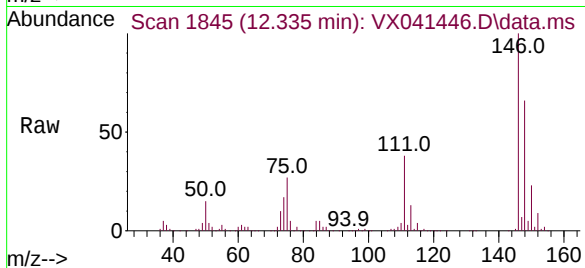
Tgt Ion:146 Resp: 222873

Ion Ratio Lower Upper

146 100

111 38.1 30.2 45.2

148 65.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 49.494 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

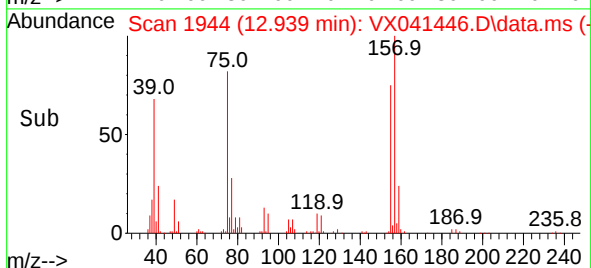
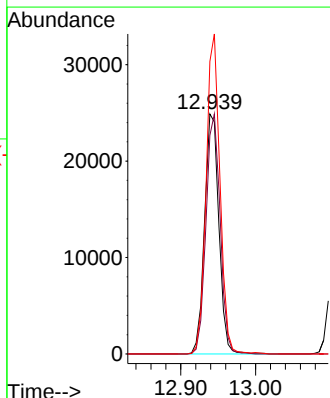
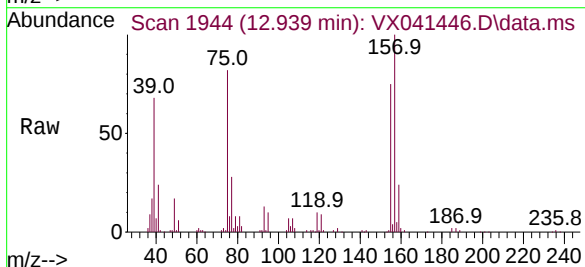
Tgt Ion: 75 Resp: 33020

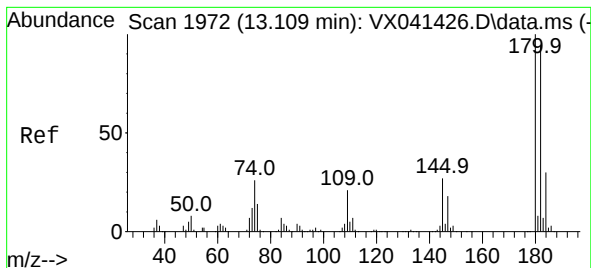
Ion Ratio Lower Upper

75 100

155 91.1 83.2 124.8

157 121.9 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 48.082 ug/L

RT: 13.109 min Scan# 1772

Delta R.T. 0.000 min

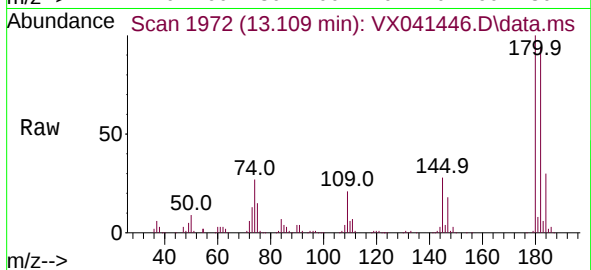
Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 161563

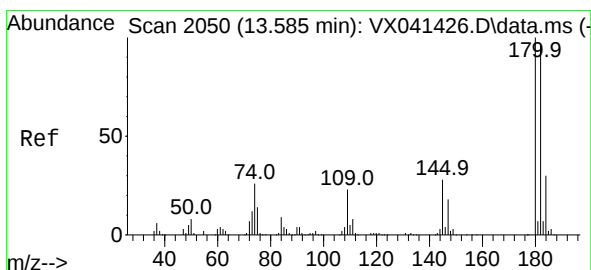
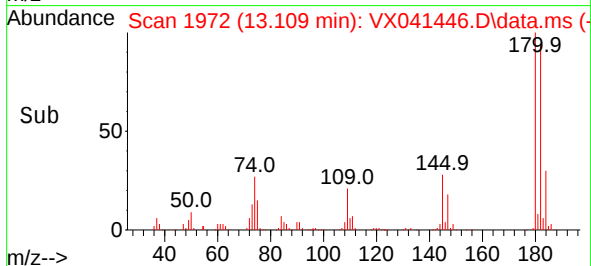
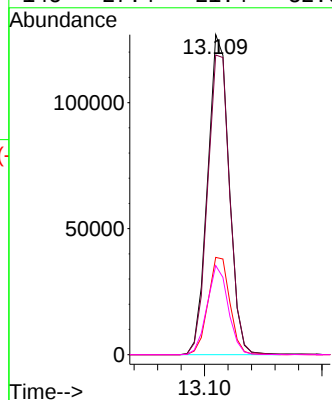
Ion Ratio Lower Upper

180 100

182 96.4 76.9 115.3

184 30.7 24.3 36.5

145 27.4 21.4 32.0



#70

1,2,4-trichlorobenzene

Concen: 46.851 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

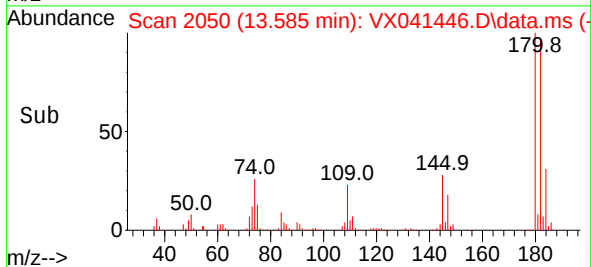
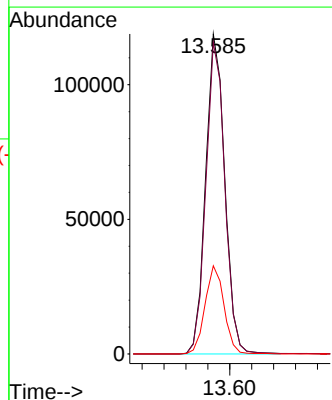
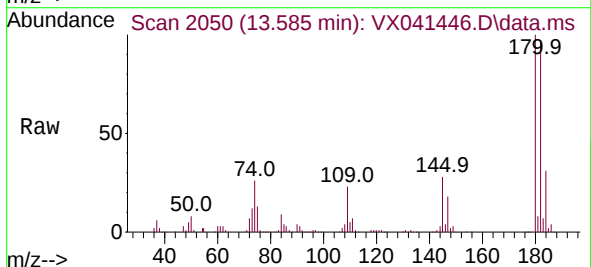
Tgt Ion:180 Resp: 143756

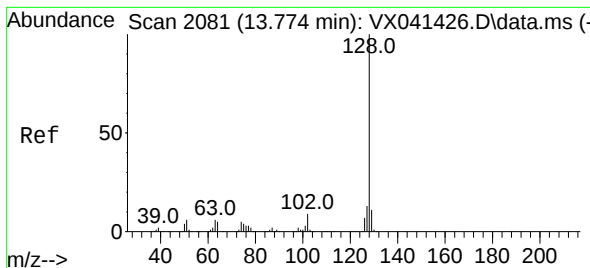
Ion Ratio Lower Upper

180 100

182 96.7 76.3 114.5

145 27.3 22.0 33.0





#71

Naphthalene

Concen: 48.108 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Instrument :

MSVOA_X

ClientSampleId :

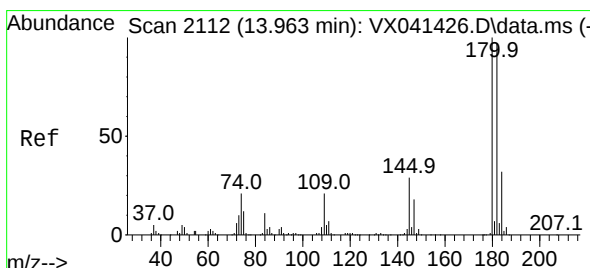
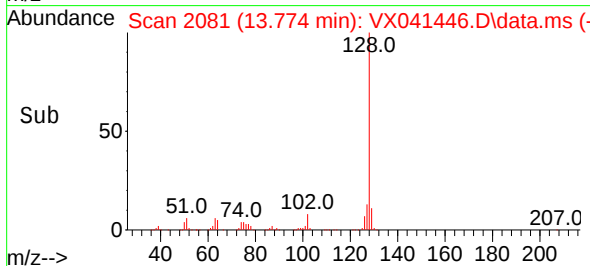
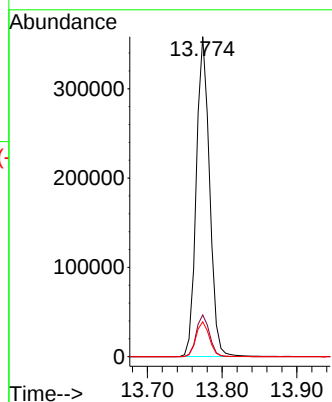
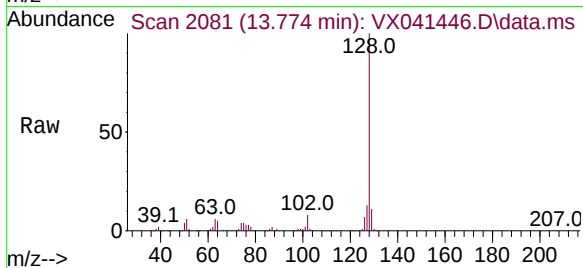
Tgt Ion:128 Resp: 440588

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 49.025 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041446.D

Acq: 10 May 2024 08:39

Tgt Ion:180 Resp: 156850

Ion Ratio Lower Upper

180 100

182 95.6 77.5 116.3

145 29.2 23.8 35.8

