

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043697.D
 Acq On : 04 Nov 2024 20:56
 Operator : JC/MD
 Sample : P4621-12MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 03:50:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:44:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	285194	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123903	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	64653	42.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.100%
7) Chloroethane-d5	1.642	69	32455	49.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.294	65	28482	40.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.220%
21) 2-Butanone-d5	4.465	46	110299	110.877	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.880%
24) Chloroform-d	5.056	84	153423	46.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	5.952	65	100571	48.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
32) Benzene-d6	5.970	84	310781	45.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	7.306	67	99124	47.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.340%
41) Toluene-d8	8.647	98	278337	44.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.660%
43) trans-1,3-Dichloroprop...	8.952	79	46245	46.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.020%
47) 2-Hexanone-d5	9.384	63	87256	106.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.040%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129922	48.699	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.317	152	108576	50.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	60730	30.235	ug/L	98
3) Chloromethane	1.294	50	98978	50.705	ug/L	96
5) Vinyl chloride	1.374	62	84304	44.090	ug/L	99
6) Bromomethane	1.593	94	38488	51.944	ug/L	95
8) Chloroethane	1.666	64	36864	54.797	ug/L	100
9) Trichlorofluoromethane	1.867	101	86138	35.499	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	55186	33.115	ug/L	99
12) 1,1-Dichloroethene	2.306	96	67397	44.301	ug/L	86
13) Acetone	2.386	43	119560	129.223	ug/L	98
14) Carbon disulfide	2.501	76	135875	40.402	ug/L	99
15) Methyl Acetate	2.709	43	79133	40.448	ug/L	97
16) Methylene chloride	2.782	84	100679	54.777	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	77026	47.062	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	335680	53.952	ug/L	99
19) 1,1-Dichloroethane	3.605	63	160047	49.659	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	105067	51.684	ug/L	98
22) 2-Butanone	4.562	43	159522	119.175	ug/L	100
23) Bromochloromethane	4.891	128	57031	55.811	ug/L	94
25) Chloroform	5.086	83	186600	53.954	ug/L	98

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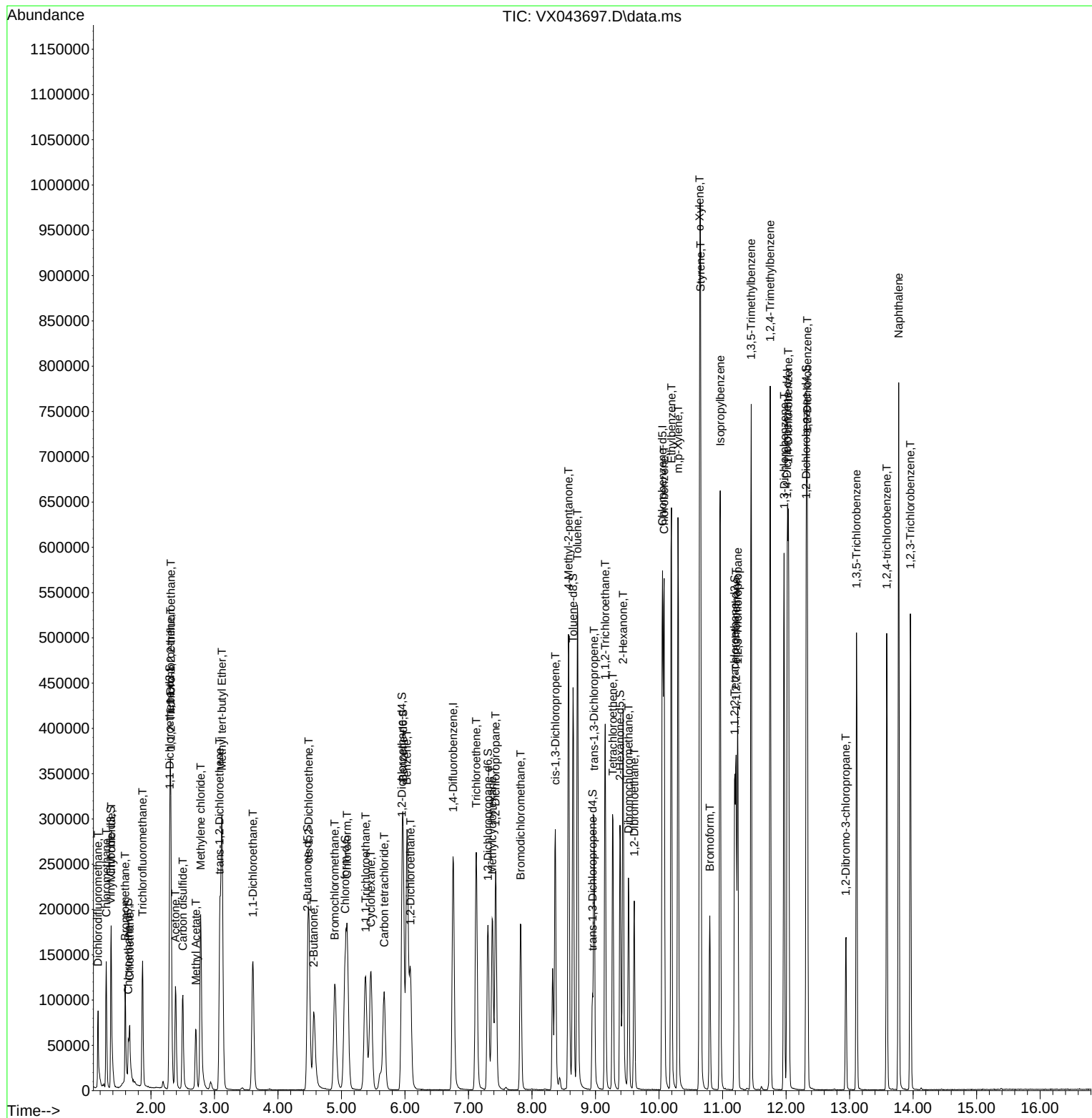
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	139399	52.164	ug/L	98
29) Cyclohexane	5.464	56	93713	30.552	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	130393	40.718	ug/L	98
31) Carbon tetrachloride	5.672	117	98331	37.429	ug/L	99
33) Benzene	6.031	78	362041	48.048	ug/L	100
34) Trichloroethene	7.123	95	102744	50.720	ug/L	98
35) Methylcyclohexane	7.373	83	91216	30.139	ug/L	98
37) 1,2-Dichloropropane	7.427	63	101822	50.731	ug/L	100
38) Bromodichloromethane	7.818	83	124550	48.788	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	159645	48.722	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	308617	112.969	ug/L	98
42) Toluene	8.714	91	367833	46.413	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	147499	49.367	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	111125	53.992	ug/L	99
46) Tetrachloroethene	9.275	164	60610	41.568	ug/L	95
48) 2-Hexanone	9.433	43	236607	115.867	ug/L	98
49) Dibromochloromethane	9.519	129	101701	53.014	ug/L	99
50) 1,2-Dibromoethane	9.610	107	115481	54.342	ug/L	97
51) Chlorobenzene	10.079	112	256953	49.610	ug/L	99
52) Ethylbenzene	10.195	91	391879	45.491	ug/L	99
53) m,p-Xylene	10.299	106	154772	46.542	ug/L	99
54) o-Xylene	10.640	106	163860	49.426	ug/L	95
55) Styrene	10.652	104	286685	51.984	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	140124	45.457	ug/L	100
59) Bromoform	10.799	173	69085	53.306	ug/L	96
60) Isopropylbenzene	10.963	105	370584	43.135	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	134065	55.743	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	326333	45.190	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	334346	46.501	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	189608	50.174	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	190210	49.973	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	201494	52.176	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	32711	54.316	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	119313	47.338	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	116179	50.272	ug/L	99
71) Naphthalene	13.774	128	465222	54.209	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	124616	52.175	ug/L	98

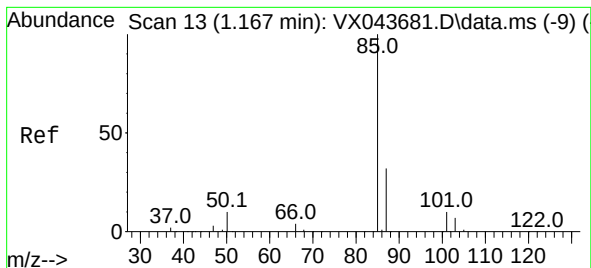
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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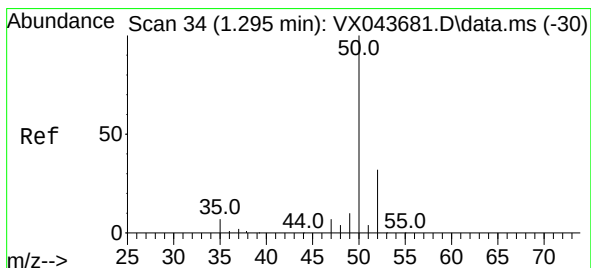
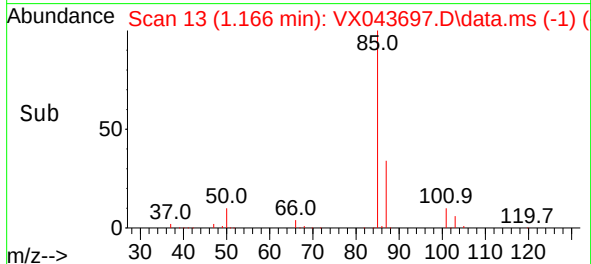
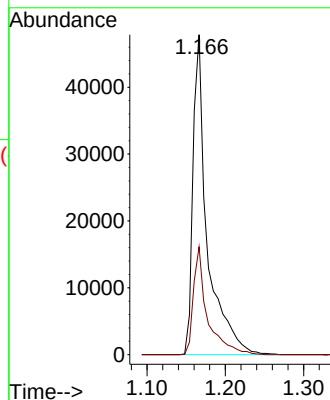
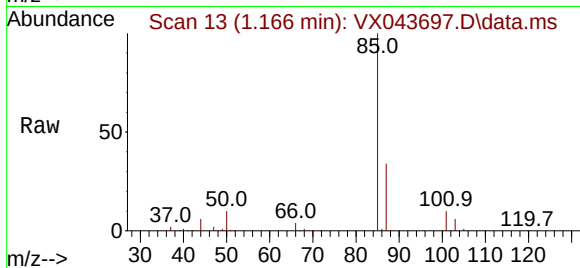




#2
Dichlorodifluoromethane
Concen: 30.235 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

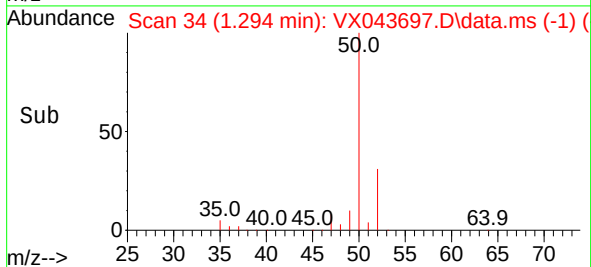
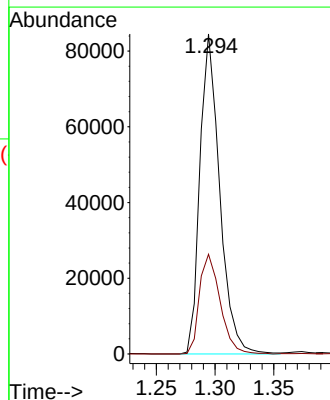
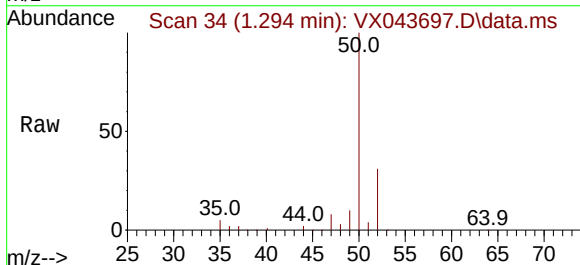
Instrument :
MSVOA_X
ClientSampleId :

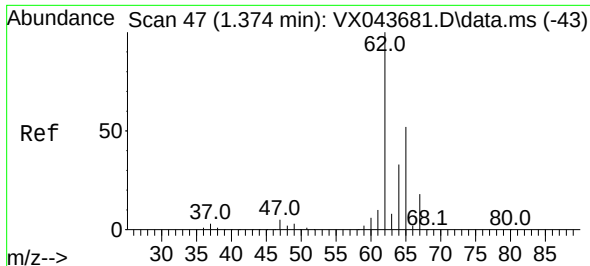
Tgt Ion: 85 Resp: 60730
Ion Ratio Lower Upper
85 100
87 33.0 25.6 38.4



#3
Chloromethane
Concen: 50.705 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

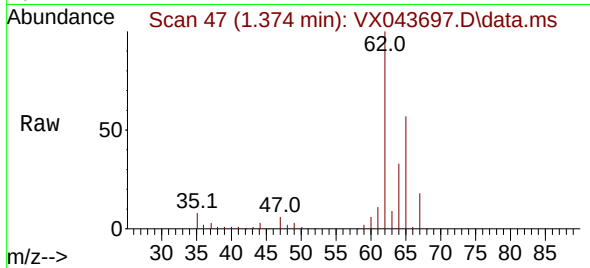
Tgt Ion: 50 Resp: 98978
Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.4



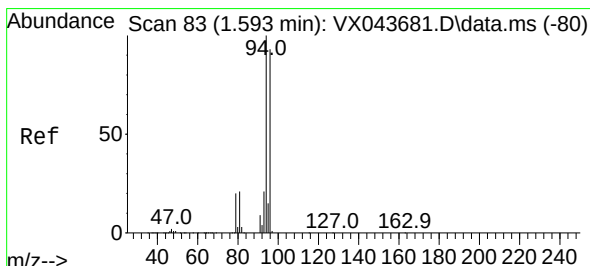
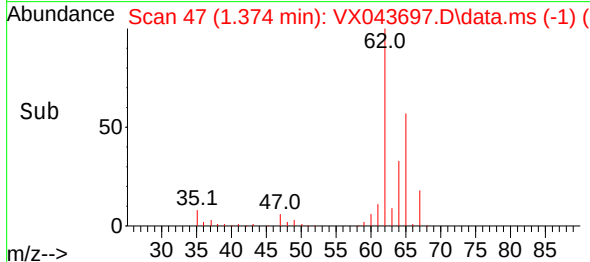
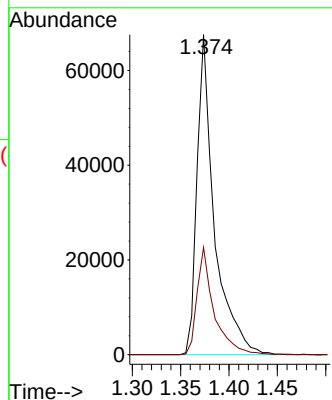


#5
Vinyl chloride
Concen: 44.090 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Instrument :
MSVOA_X
ClientSampleId :

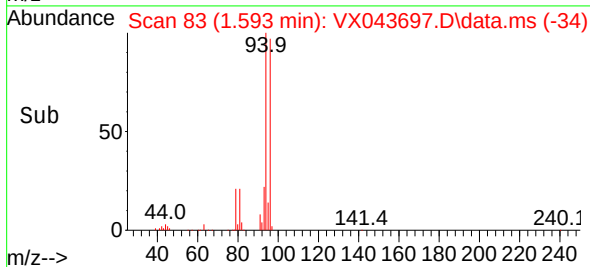
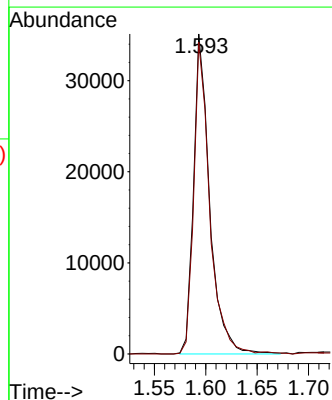
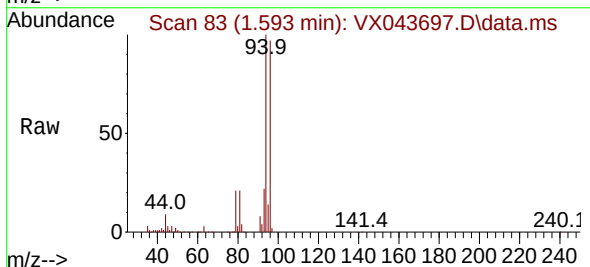


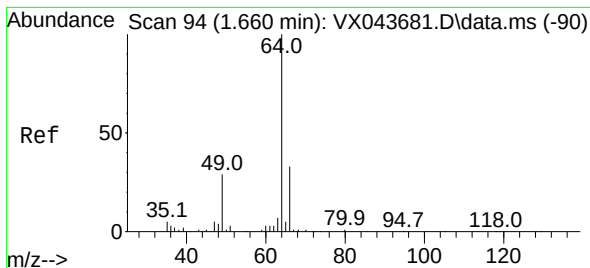
Tgt Ion: 62 Resp: 84304
Ion Ratio Lower Upper
62 100
64 33.5 24.0 44.6



#6
Bromomethane
Concen: 51.944 ug/L
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Tgt Ion: 94 Resp: 38488
Ion Ratio Lower Upper
94 100
96 97.5 65.0 120.8





#8

Chloroethane

Concen: 54.797 ug/L

RT: 1.666 min Scan# 94

Delta R.T. 0.006 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

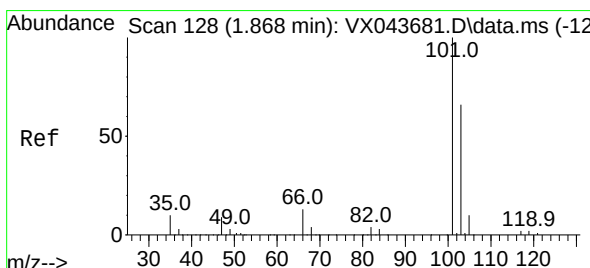
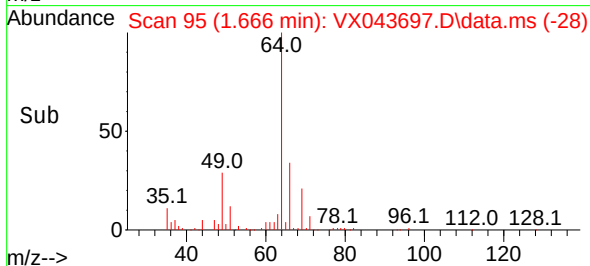
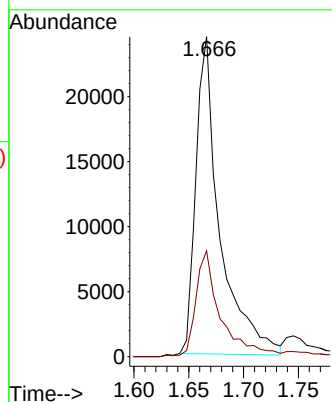
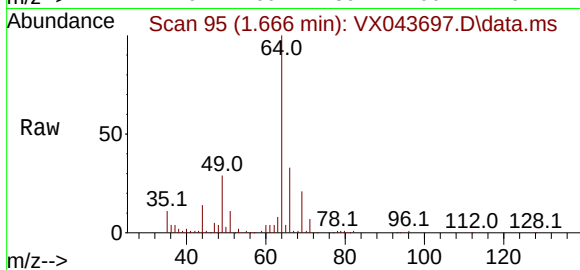
ClientSampleId :

Tgt Ion: 64 Resp: 36864

Ion Ratio Lower Upper

64 100

66 33.1 23.2 43.2



#9

Trichlorofluoromethane

Concen: 35.499 ug/L

RT: 1.867 min Scan# 128

Delta R.T. -0.000 min

Lab File: VX043697.D

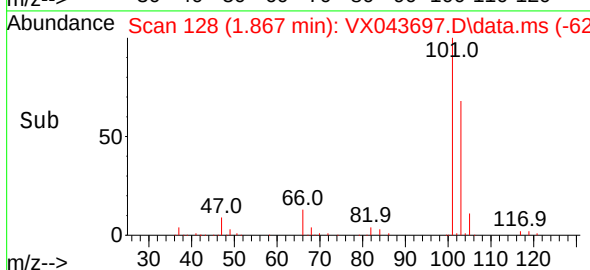
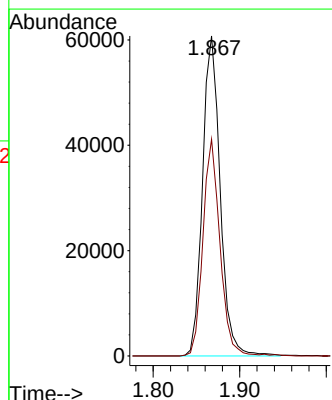
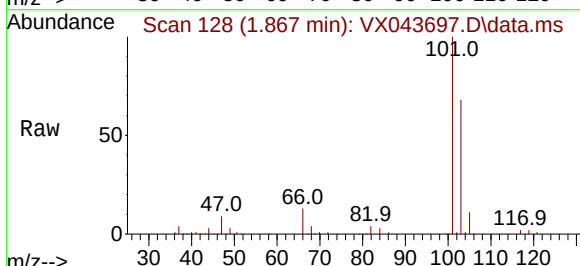
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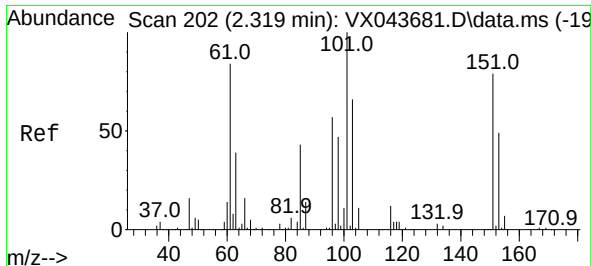
Tgt Ion:101 Resp: 86138

Ion Ratio Lower Upper

101 100

103 65.1 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 33.115 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :

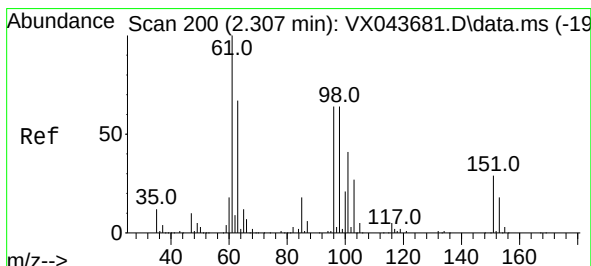
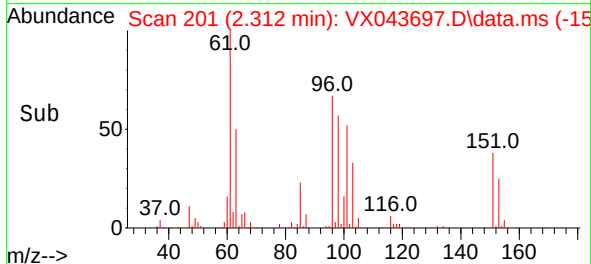
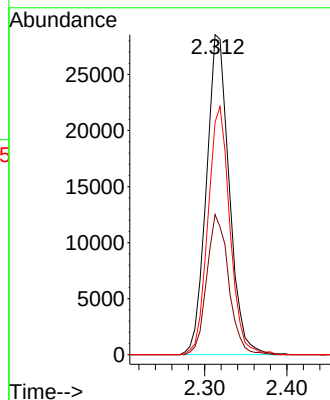
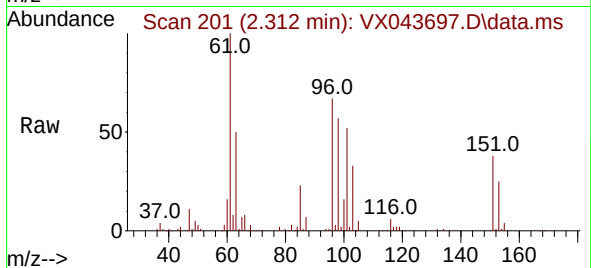
Tgt Ion:101 Resp: 55186

Ion Ratio Lower Upper

101 100

85 41.9 34.0 51.0

151 74.1 60.2 90.4



#12

1,1-Dichloroethene

Concen: 44.301 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

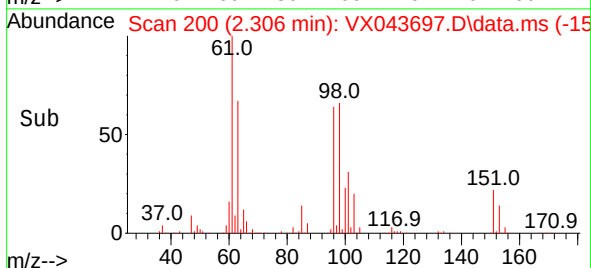
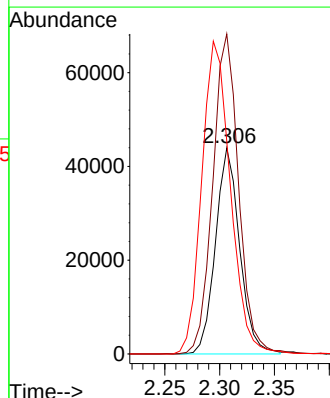
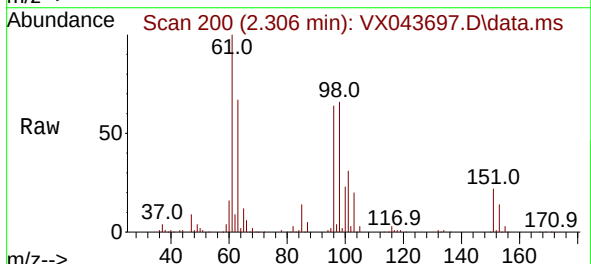
Tgt Ion: 96 Resp: 67397

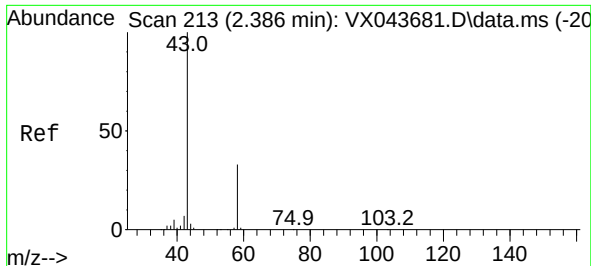
Ion Ratio Lower Upper

96 100

61 155.4 119.7 222.3

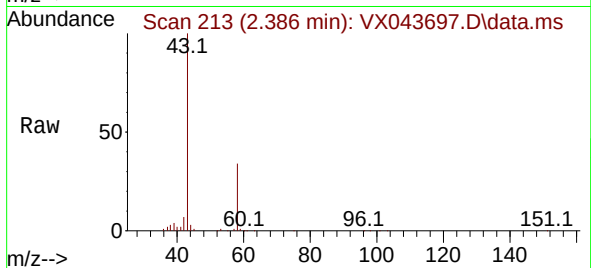
63 103.4 86.5 160.6



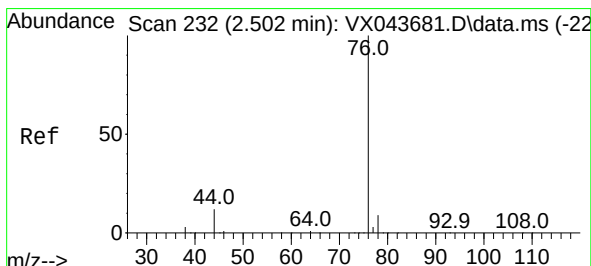
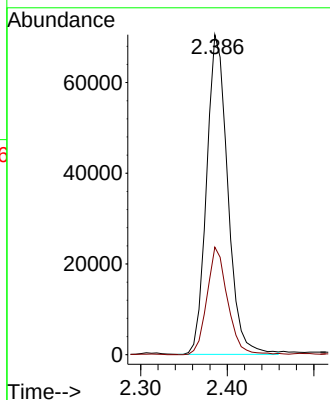
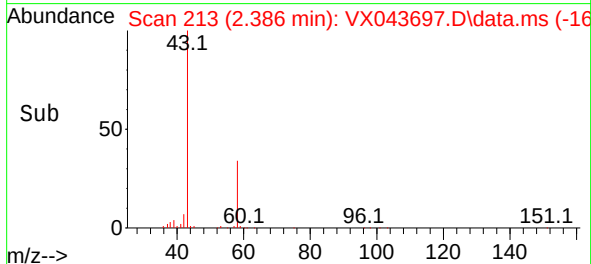


#13
Acetone
Concen: 129.223 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

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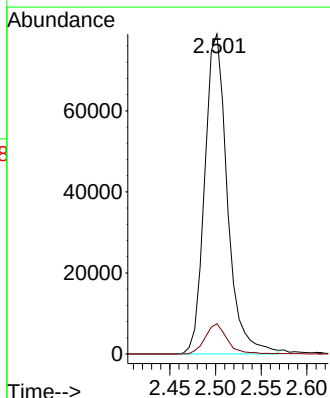
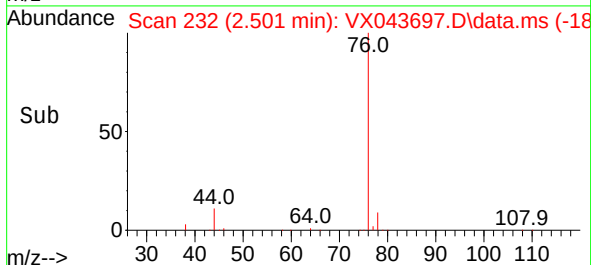
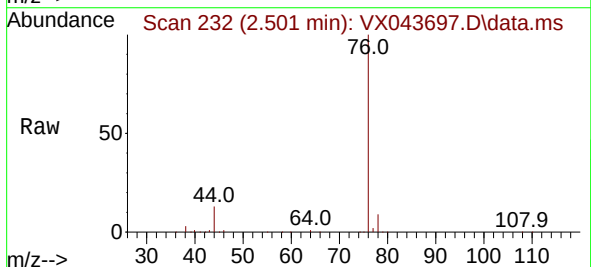


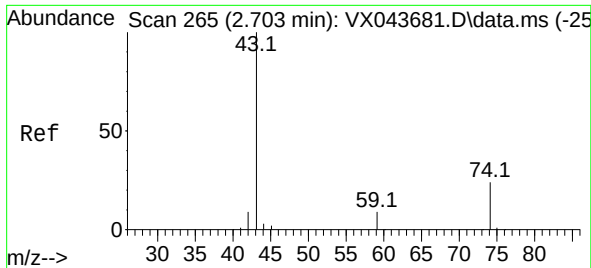
Tgt Ion: 43 Resp: 119560
Ion Ratio Lower Upper
43 100
58 32.7 0.0 63.6



#14
Carbon disulfide
Concen: 40.402 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
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Acq: 04 Nov 2024 20:56

Tgt Ion: 76 Resp: 135875
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

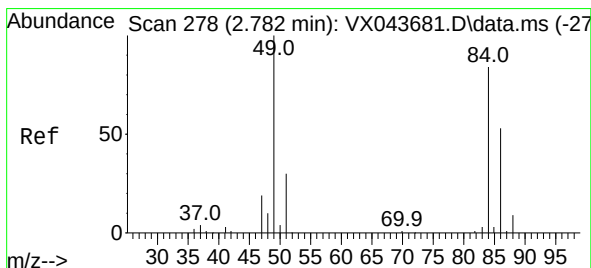
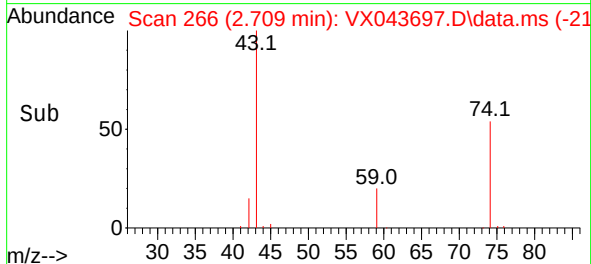
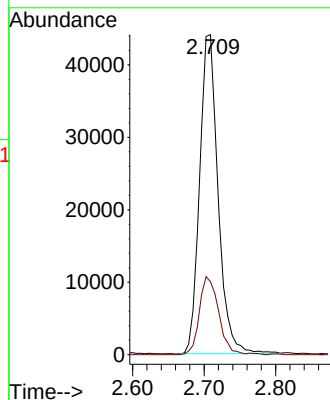
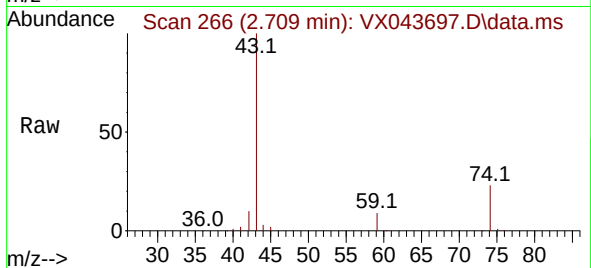




#15
Methyl Acetate
Concen: 40.448 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

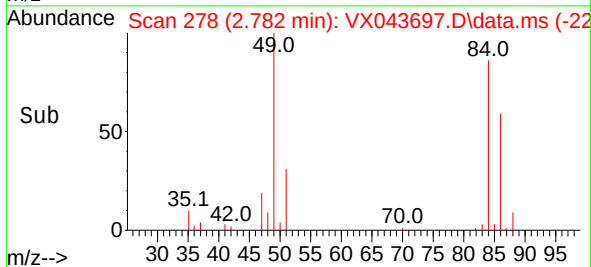
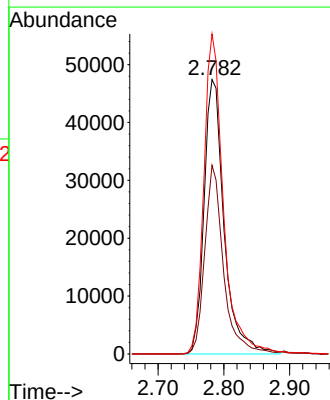
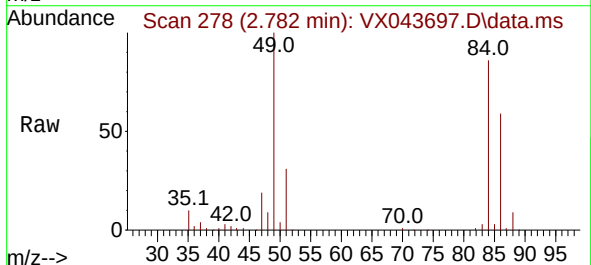
Instrument :
MSVOA_X
ClientSampleId :

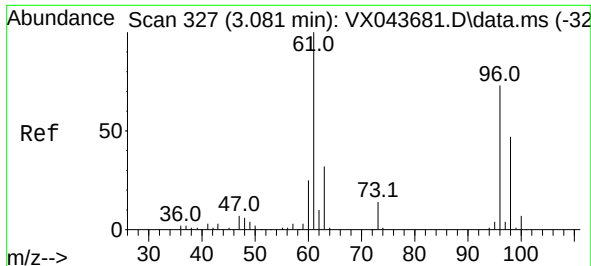
Tgt Ion: 43 Resp: 79133
Ion Ratio Lower Upper
43 100
74 25.3 18.9 28.3



#16
Methylene chloride
Concen: 54.777 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Tgt Ion: 84 Resp: 100679
Ion Ratio Lower Upper
84 100
86 68.7 44.7 83.1
49 116.6 83.2 154.4





#17

trans-1,2-Dichloroethene

Concen: 47.062 ug/L

RT: 3.081 min Scan# 327

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :

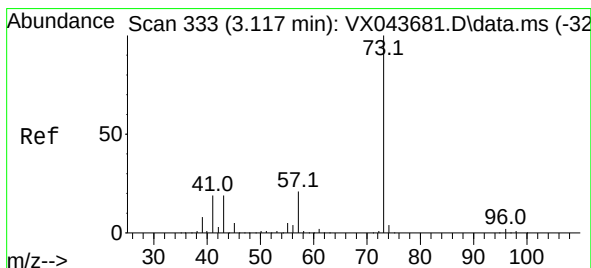
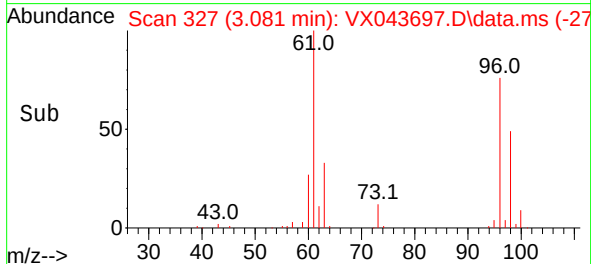
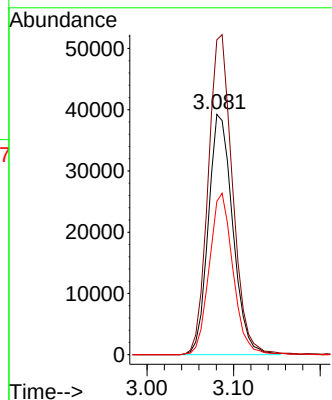
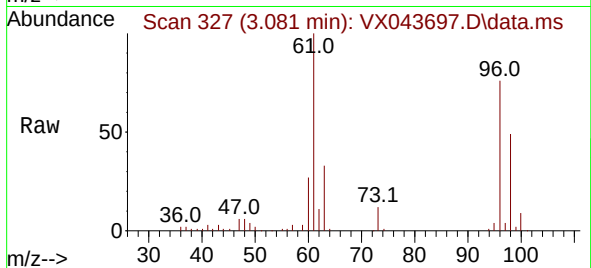
Tgt Ion: 96 Resp: 77026

Ion Ratio Lower Upper

96 100

61 131.0 93.4 173.6

98 63.8 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 53.952 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

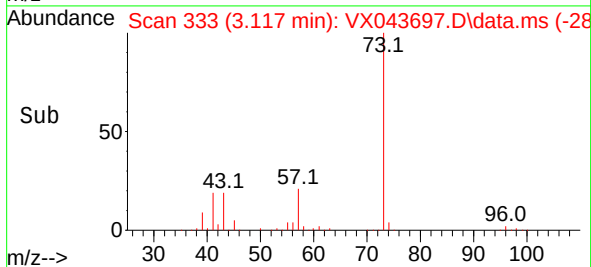
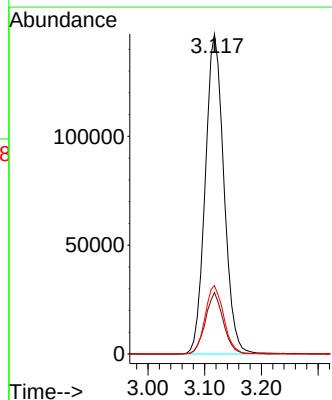
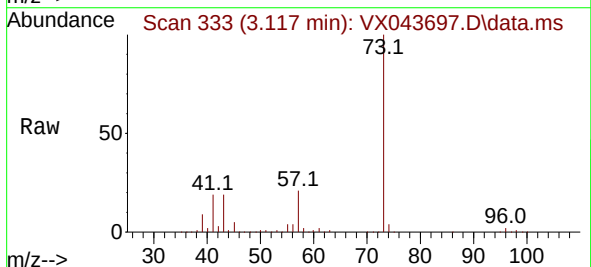
Tgt Ion: 73 Resp: 335680

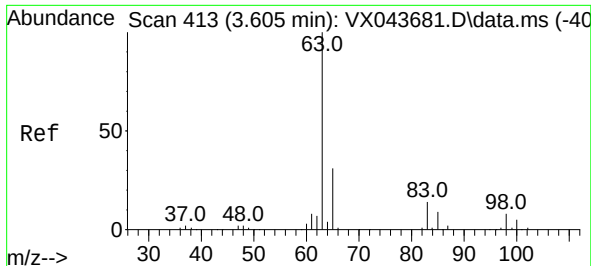
Ion Ratio Lower Upper

73 100

43 18.6 15.5 23.3

57 21.4 17.2 25.8





#19

1,1-Dichloroethane

Concen: 49.659 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :

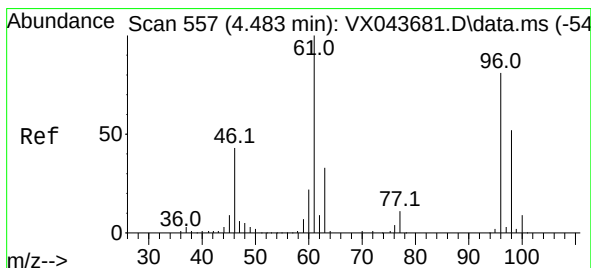
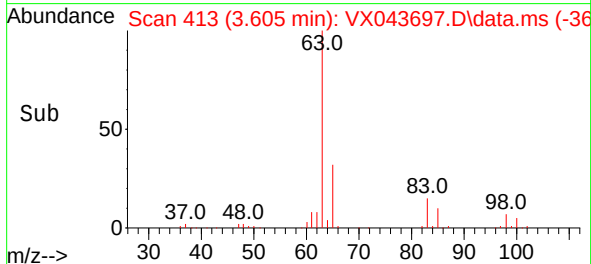
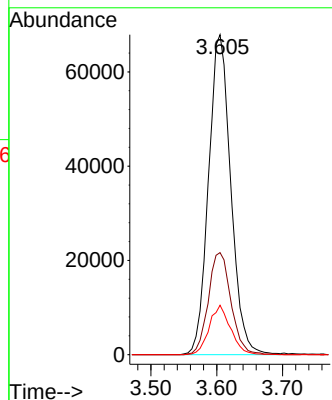
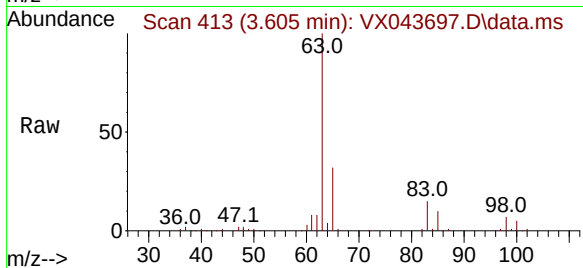
Tgt Ion: 63 Resp: 160047

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.2

83 15.5 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.684 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

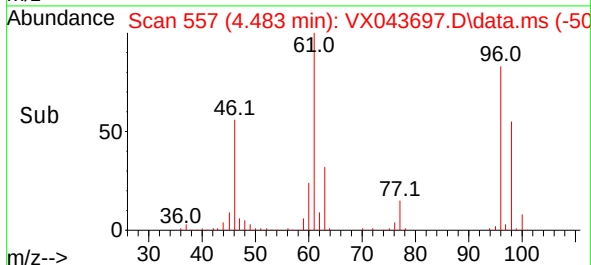
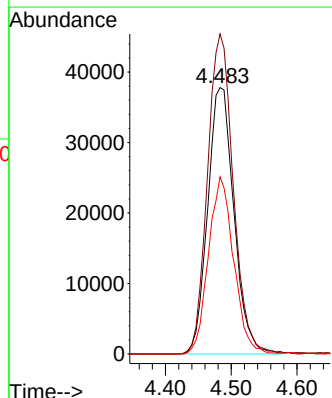
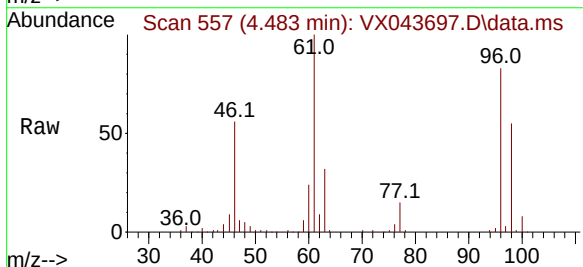
Tgt Ion: 96 Resp: 105067

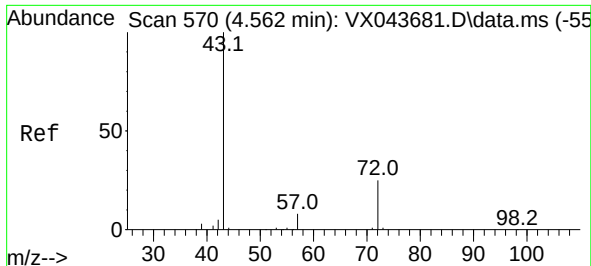
Ion Ratio Lower Upper

96 100

61 120.2 85.2 158.2

98 66.5 44.6 82.8





#22

2-Butanone

Concen: 119.175 ug/L

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

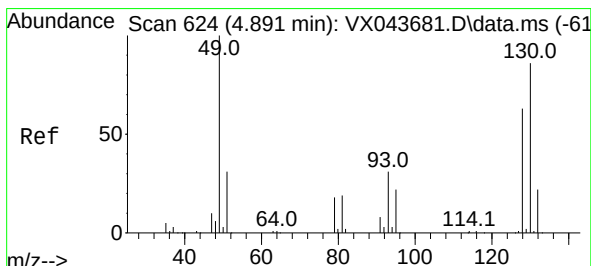
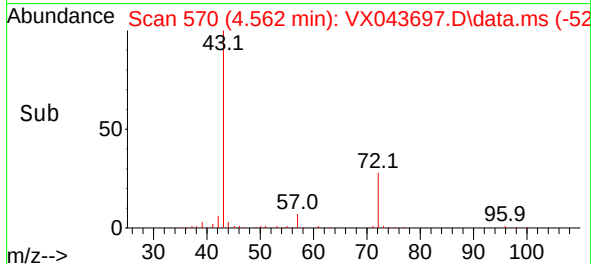
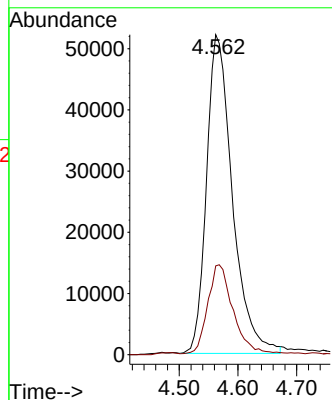
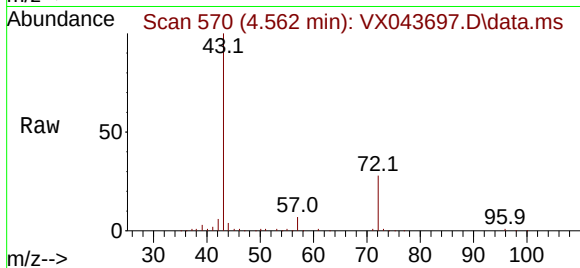
ClientSampleId :

Tgt Ion: 43 Resp: 159522

Ion Ratio Lower Upper

43 100

72 27.4 13.6 40.8



#23

Bromochloromethane

Concen: 55.811 ug/L

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Tgt Ion:128 Resp: 57031

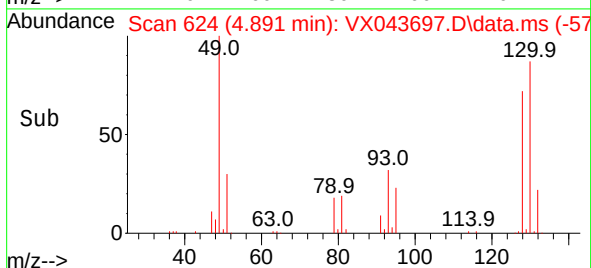
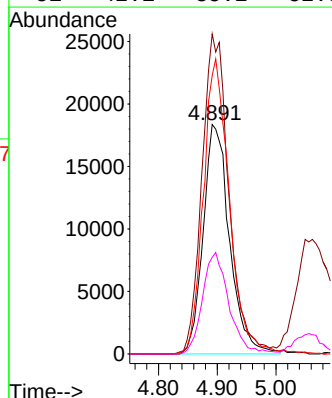
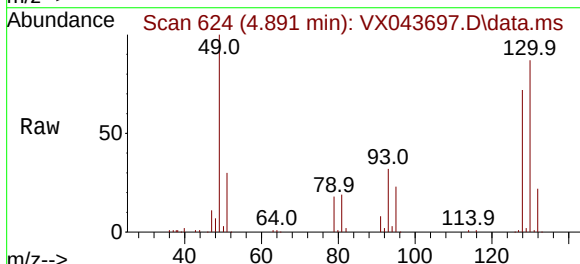
Ion Ratio Lower Upper

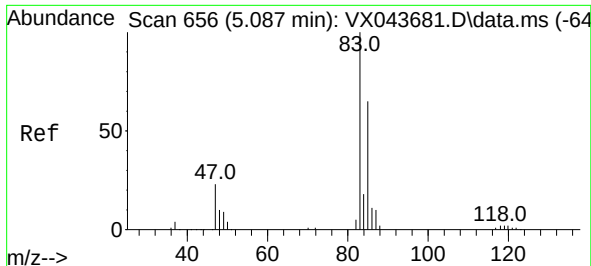
128 100

49 139.4 101.4 188.4

130 121.3 91.5 169.9

51 42.1 35.2 52.8





#25

Chloroform

Concen: 53.954 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

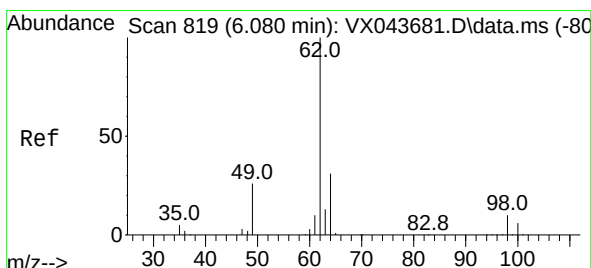
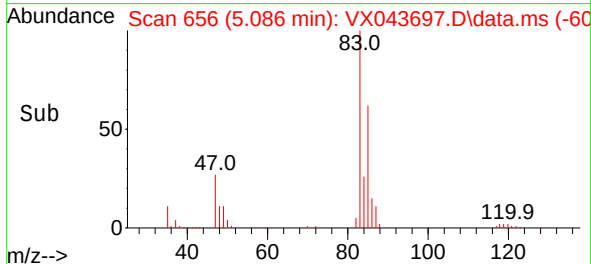
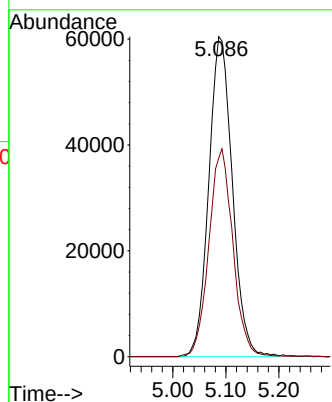
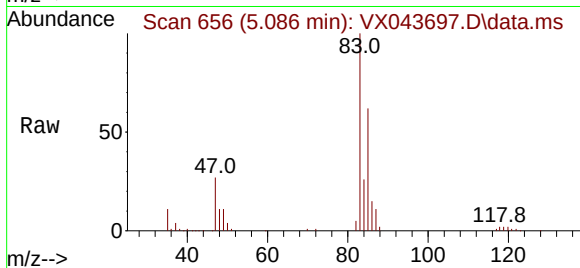
ClientSampleId :

Tgt Ion: 83 Resp: 186600

Ion Ratio Lower Upper

83 100

85 62.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 52.164 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX043697.D

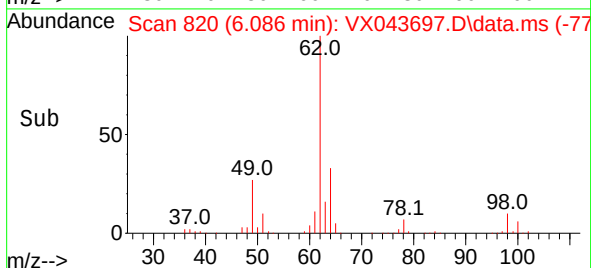
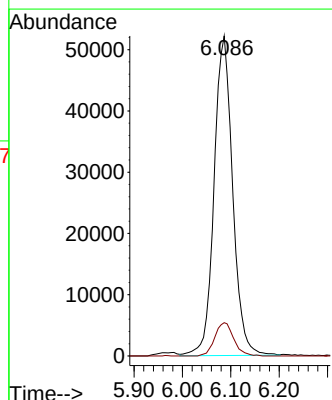
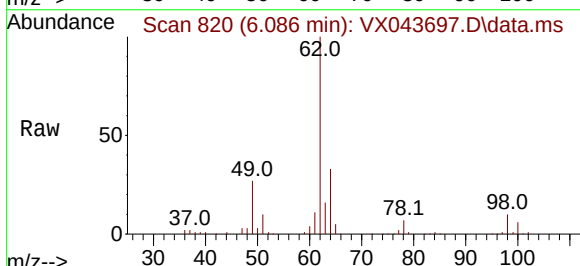
Acq: 04 Nov 2024 20:56

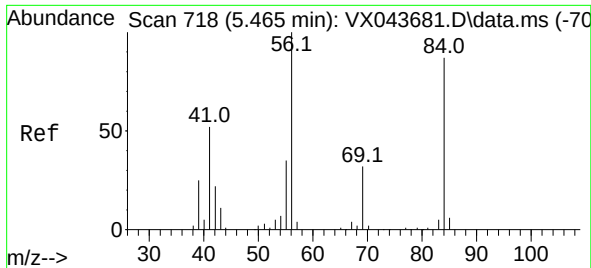
Tgt Ion: 62 Resp: 139399

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.6





#29

Cyclohexane

Concen: 30.552 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

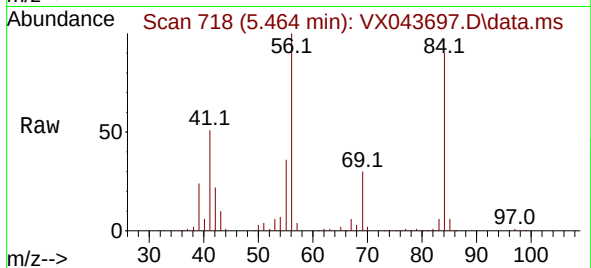
Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :



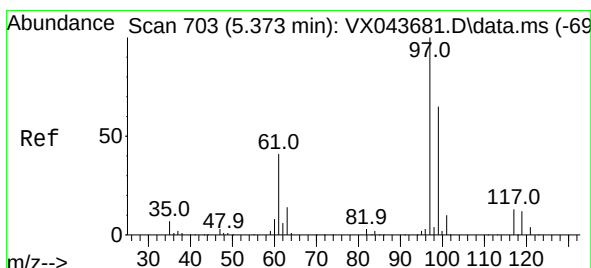
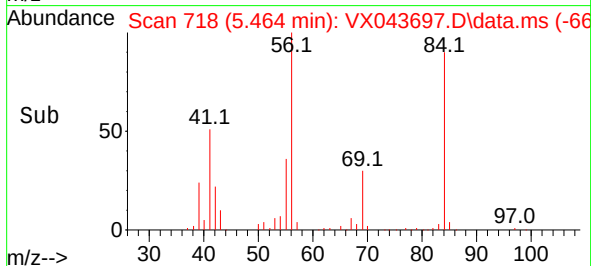
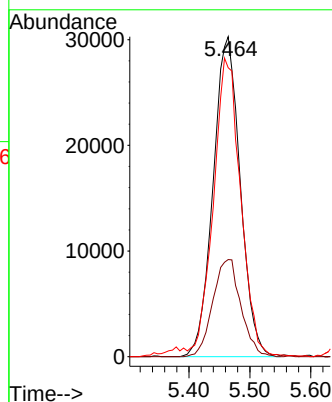
Tgt Ion: 56 Resp: 93713

Ion Ratio Lower Upper

56 100

69 31.4 25.2 37.8

84 93.2 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 40.718 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

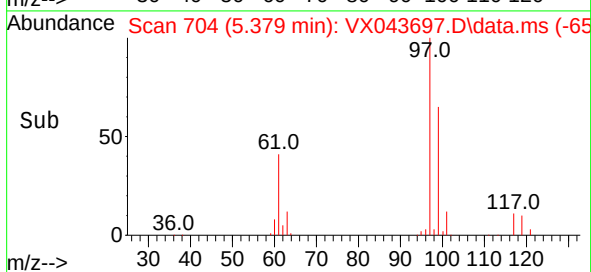
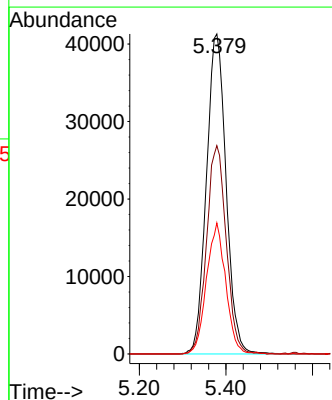
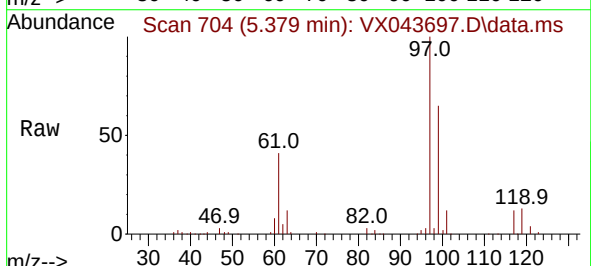
Tgt Ion: 97 Resp: 130393

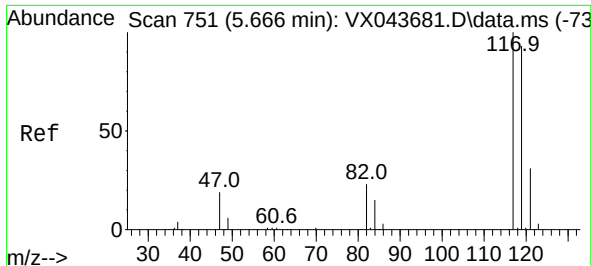
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.6

61 39.9 32.6 49.0

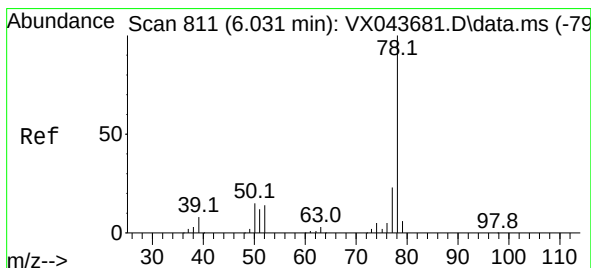
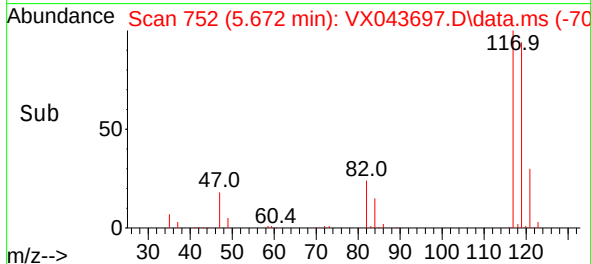
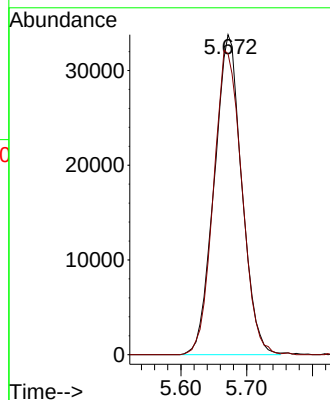
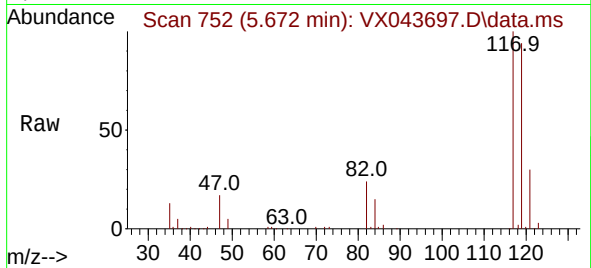




#31
Carbon tetrachloride
Concen: 37.429 ug/L
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

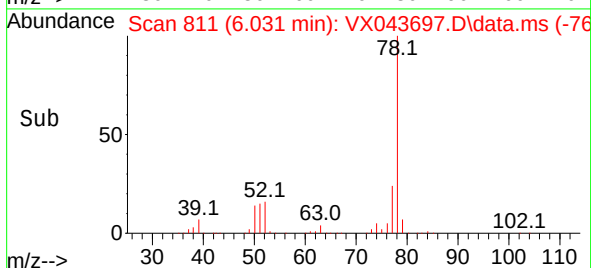
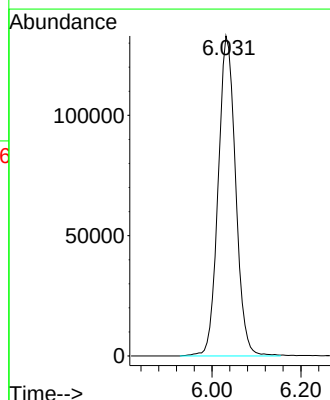
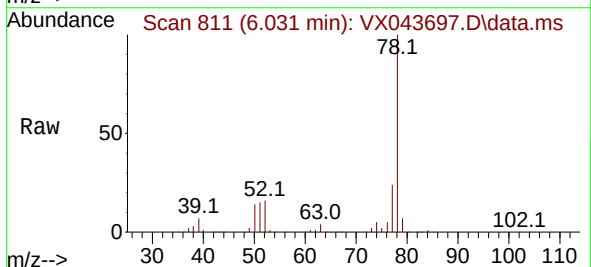
Instrument :
MSVOA_X
ClientSampleId :

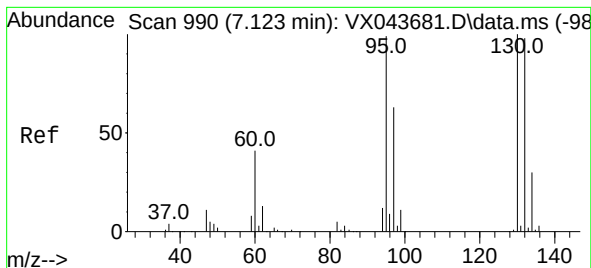
Tgt Ion:117 Resp: 98331
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0



#33
Benzene
Concen: 48.048 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Tgt Ion: 78 Resp: 362041





#34

Trichloroethene

Concen: 50.720 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

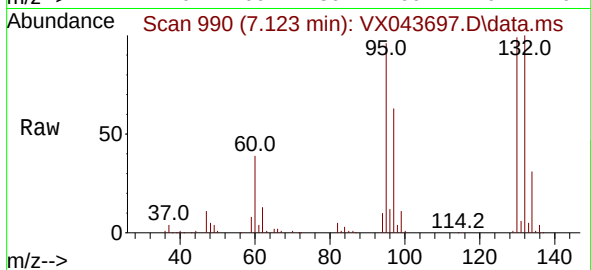
Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 102744

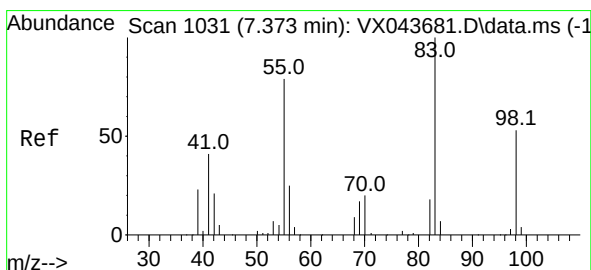
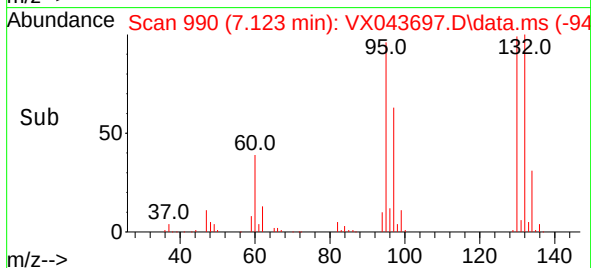
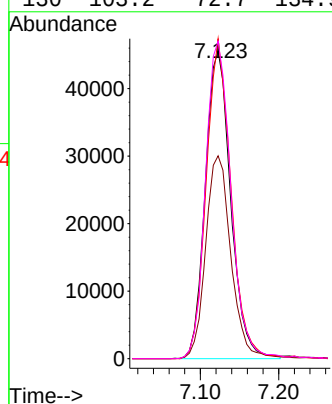
Ion Ratio Lower Upper

95 100

97 66.0 45.4 84.2

132 104.0 69.7 129.5

130 103.2 72.7 134.9



#35

Methylcyclohexane

Concen: 30.139 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

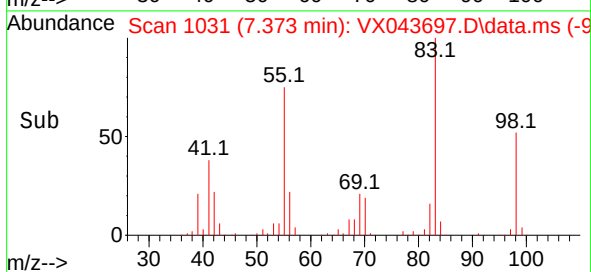
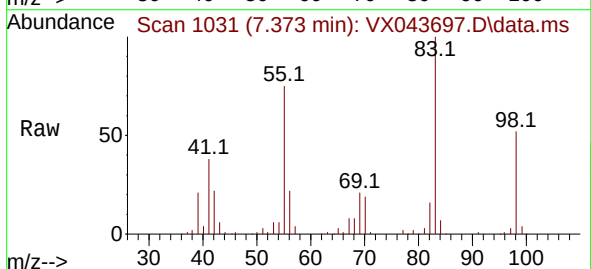
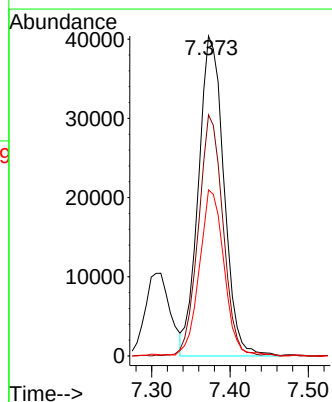
Tgt Ion: 83 Resp: 91216

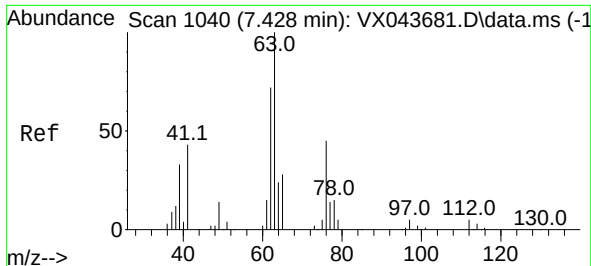
Ion Ratio Lower Upper

83 100

55 72.6 58.6 88.0

98 50.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 50.731 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

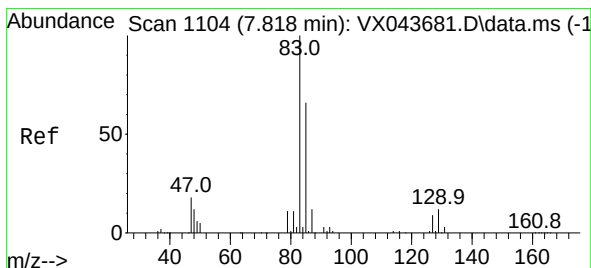
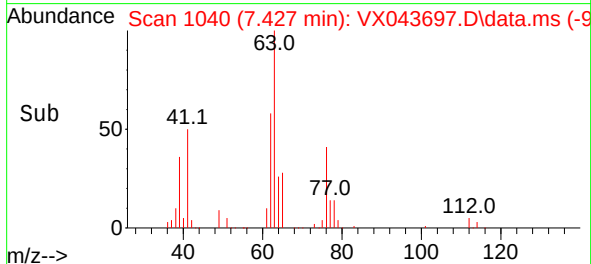
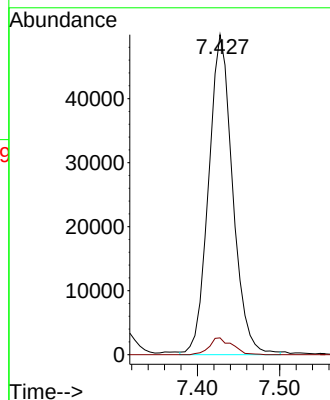
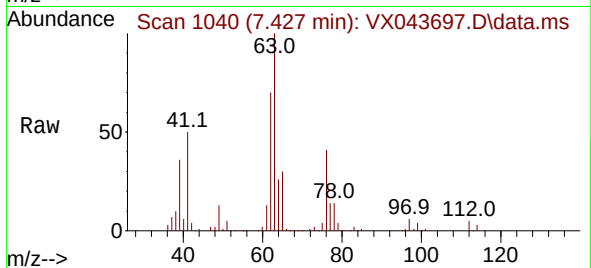
ClientSampleId :

Tgt Ion: 63 Resp: 101822

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 48.788 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

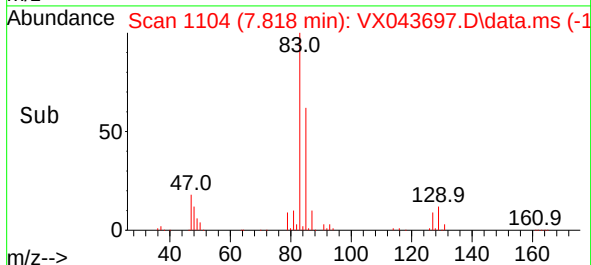
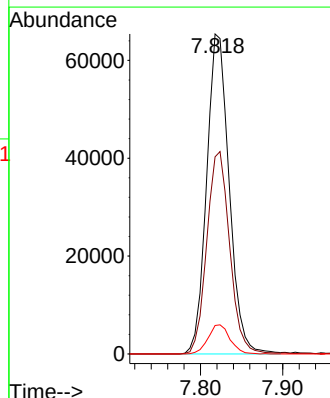
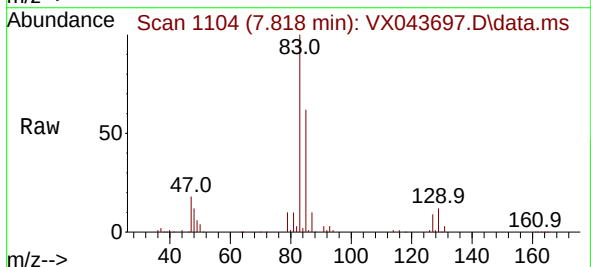
Tgt Ion: 83 Resp: 124550

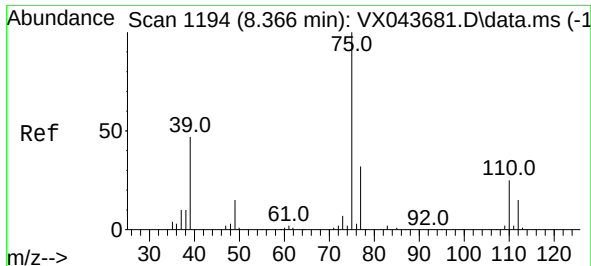
Ion Ratio Lower Upper

83 100

85 61.6 43.8 81.3

127 8.9 6.8 10.2

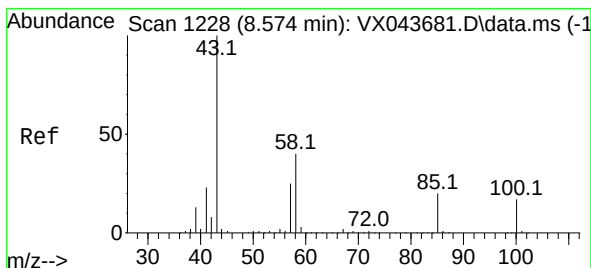
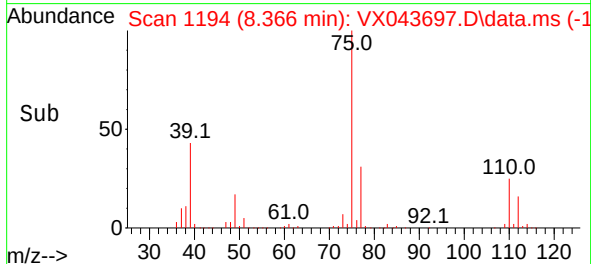
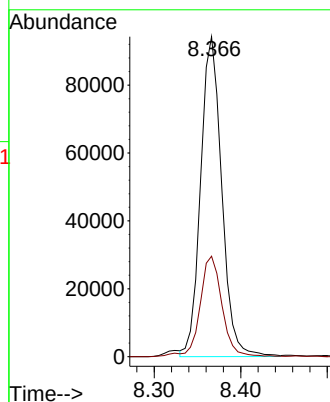
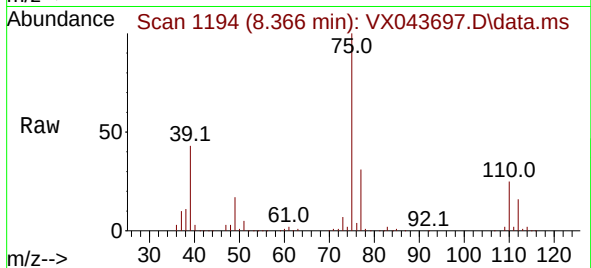




#39
 cis-1,3-Dichloropropene
 Concen: 48.722 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX043697.D
 Acq: 04 Nov 2024 20:56

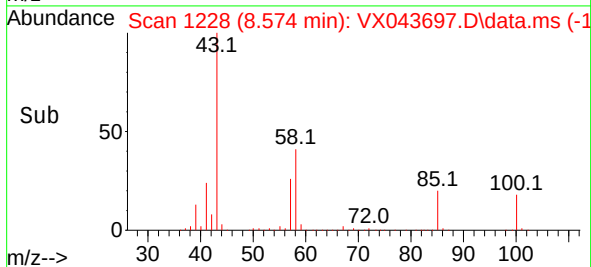
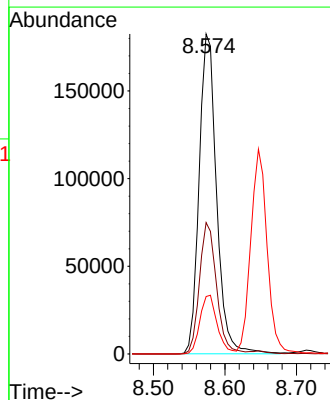
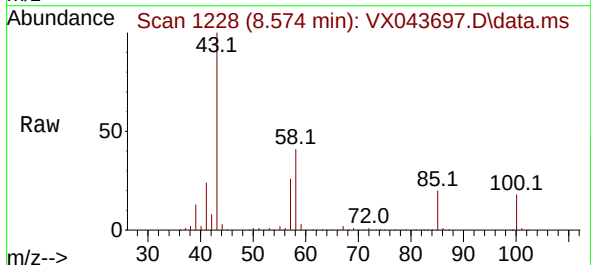
Instrument :
 MSVOA_X
 ClientSampleId :

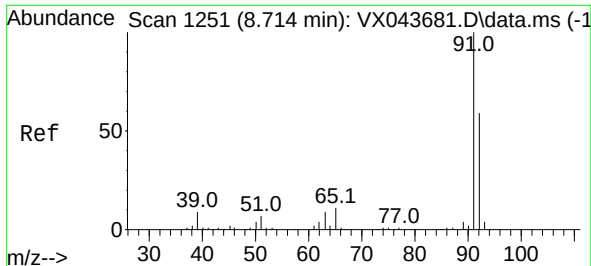
Tgt Ion: 75 Resp: 159645
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 112.969 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX043697.D
 Acq: 04 Nov 2024 20:56

Tgt Ion: 43 Resp: 308617
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.6 47.4
 100 18.3 13.8 20.6





#42

Toluene

Concen: 46.413 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

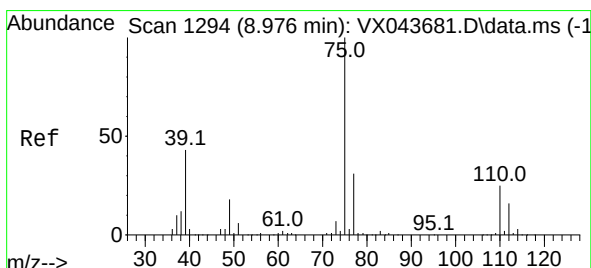
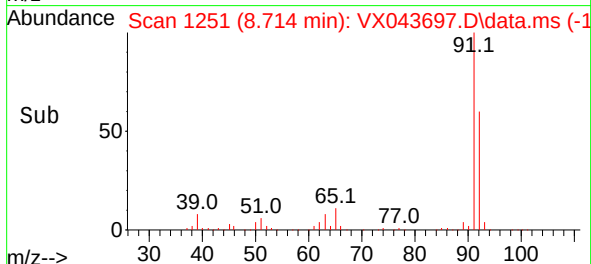
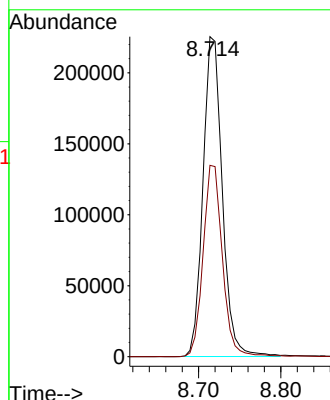
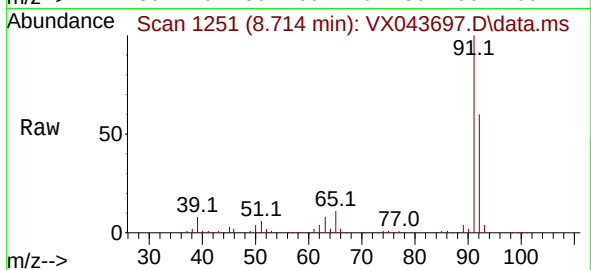
ClientSampleId :

Tgt Ion: 91 Resp: 367833

Ion Ratio Lower Upper

91 100

92 59.8 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 49.367 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043697.D

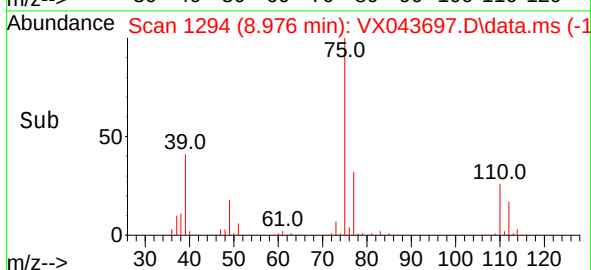
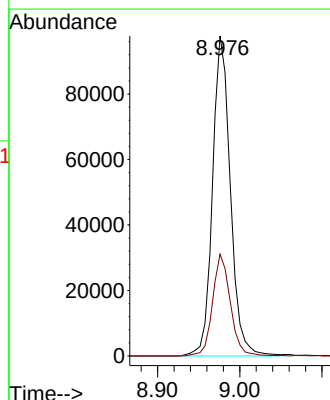
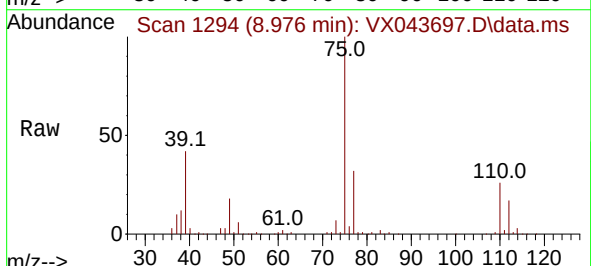
Acq: 04 Nov 2024 20:56

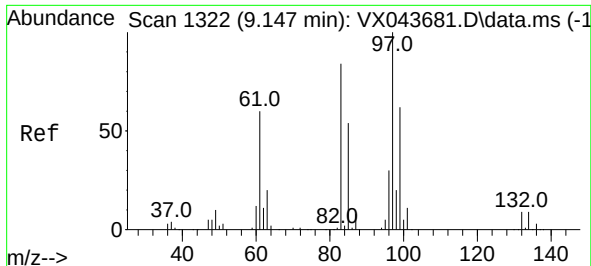
Tgt Ion: 75 Resp: 147499

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



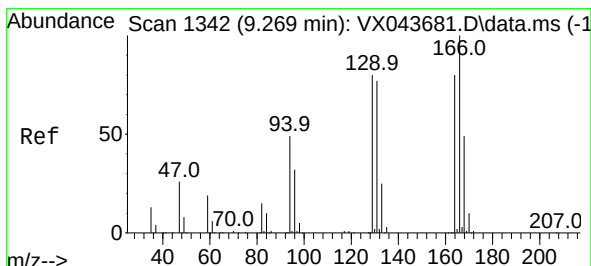
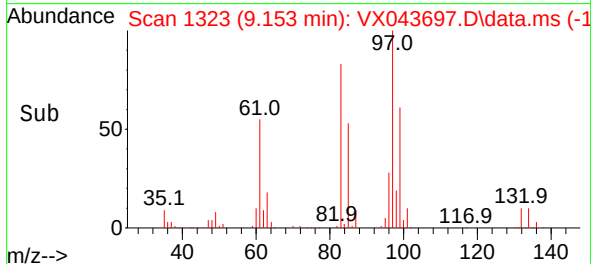
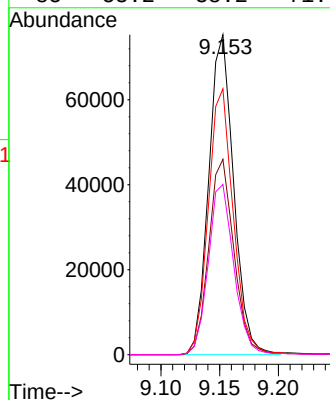
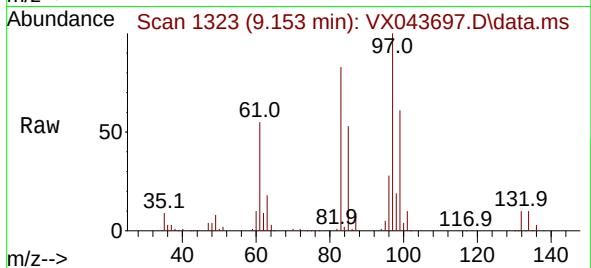


#45
1,1,2-Trichloroethane
Concen: 53.992 ug/L
RT: 9.153 min Scan# 111125
Delta R.T. 0.006 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 111125

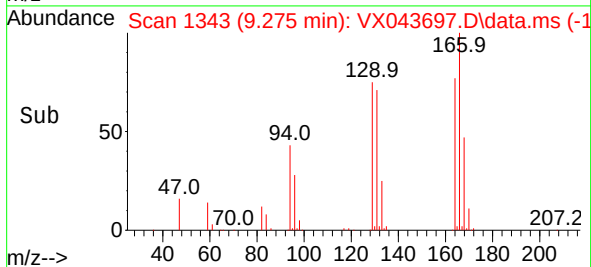
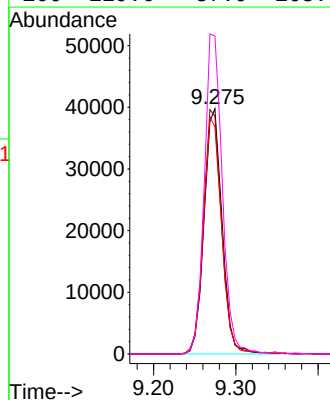
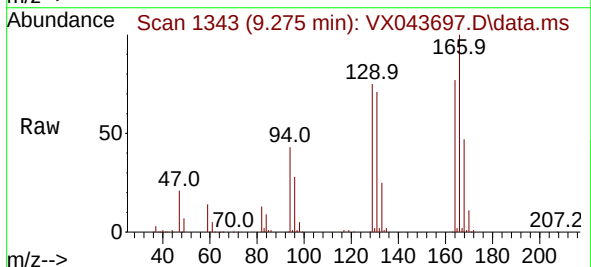
Ion	Ratio	Lower	Upper
97	100		
99	61.0	42.8	79.4
83	83.1	58.4	108.4
85	53.2	38.2	71.0

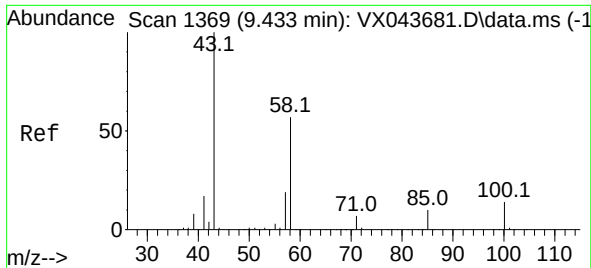


#46
Tetrachloroethene
Concen: 41.568 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Tgt Ion: 164 Resp: 60610

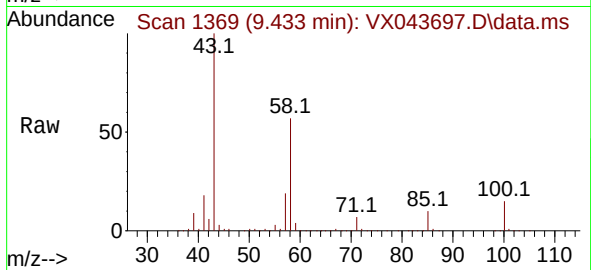
Ion	Ratio	Lower	Upper
164	100		
129	96.9	72.2	134.2
131	92.5	69.0	128.2
166	129.6	87.9	163.3



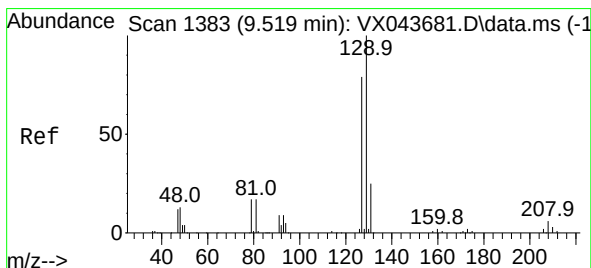
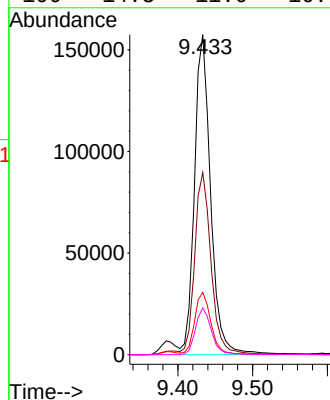
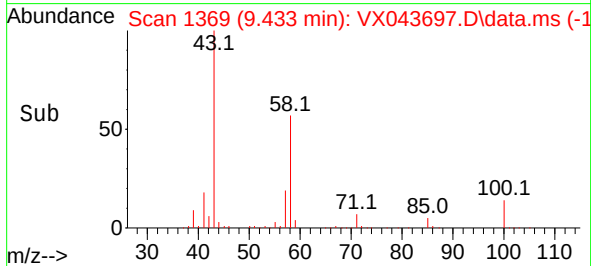


#48
2-Hexanone
Concen: 115.867 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Instrument :
MSVOA_X
ClientSampleId :

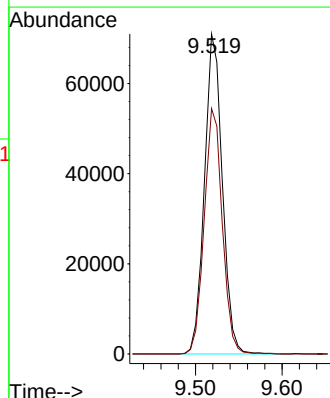
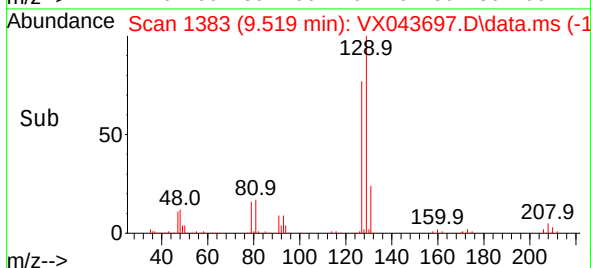
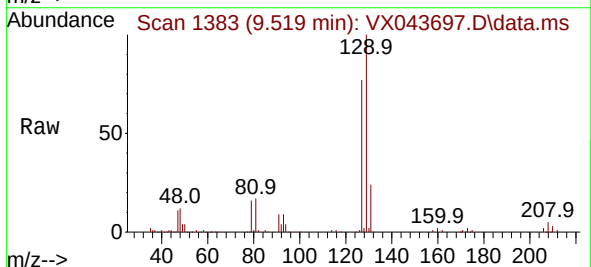


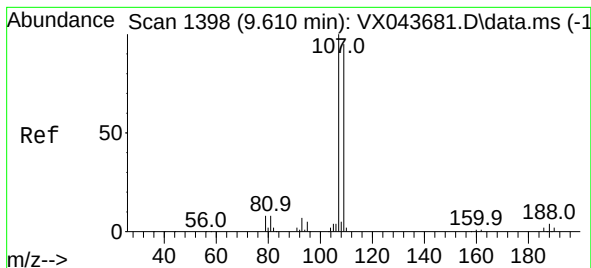
Tgt Ion: 43 Resp: 236607
Ion Ratio Lower Upper
43 100
58 57.5 44.6 67.0
57 19.7 15.7 23.5
100 14.3 11.0 16.4



#49
Dibromochloromethane
Concen: 53.014 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Tgt Ion:129 Resp: 101701
Ion Ratio Lower Upper
129 100
127 76.7 54.2 100.6





#50

1,2-Dibromoethane

Concen: 54.342 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

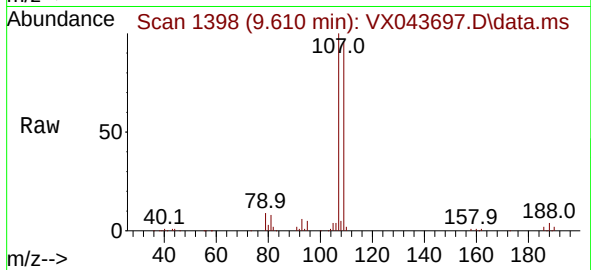
Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :



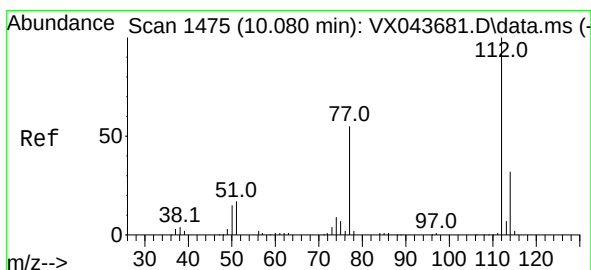
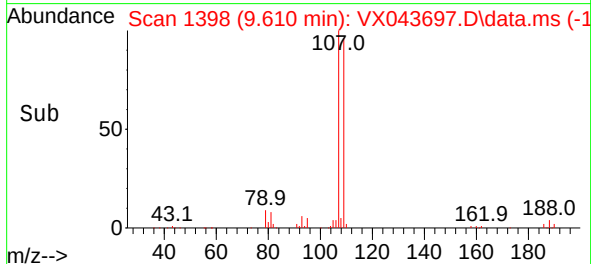
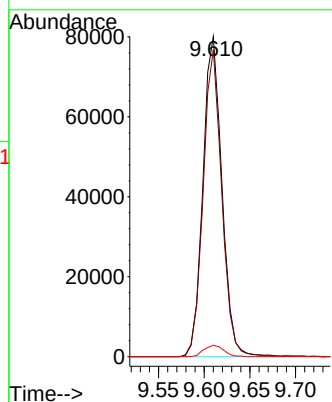
Tgt Ion:107 Resp: 115481

Ion Ratio Lower Upper

107 100

109 95.9 64.9 120.5

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 49.610 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

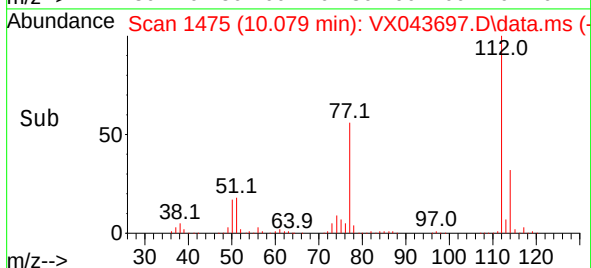
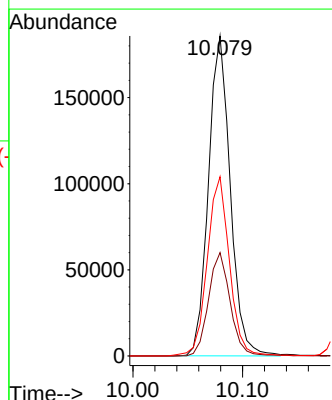
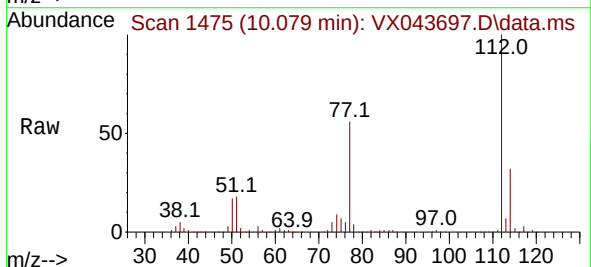
Tgt Ion:112 Resp: 256953

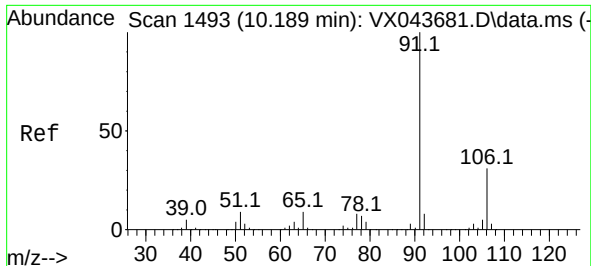
Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 56.0 45.9 68.9





#52

Ethylbenzene

Concen: 45.491 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

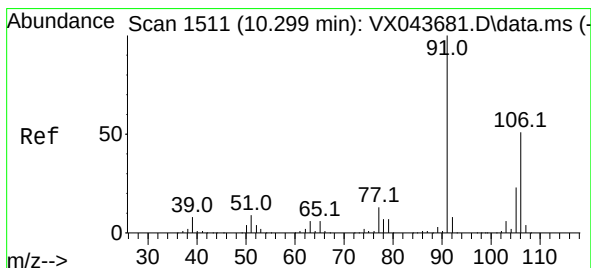
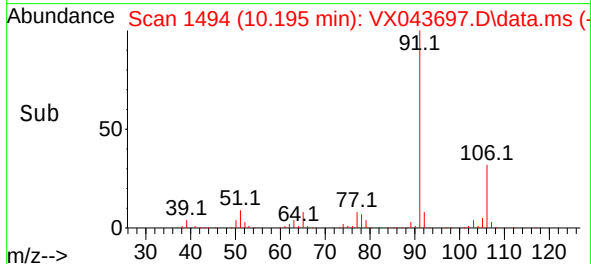
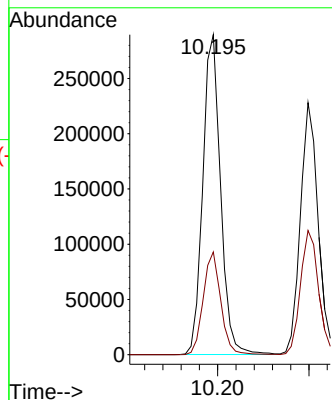
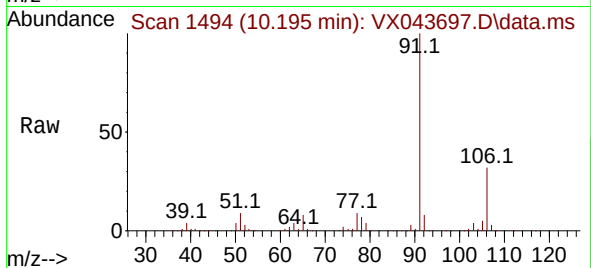
ClientSampleId :

Tgt Ion: 91 Resp: 391879

Ion Ratio Lower Upper

91 100

106 32.1 21.9 40.7



#53

m,p-Xylene

Concen: 46.542 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043697.D

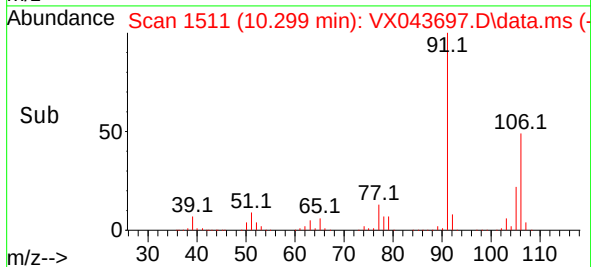
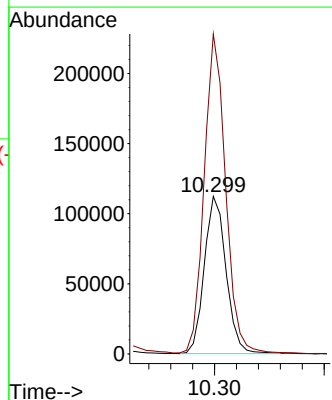
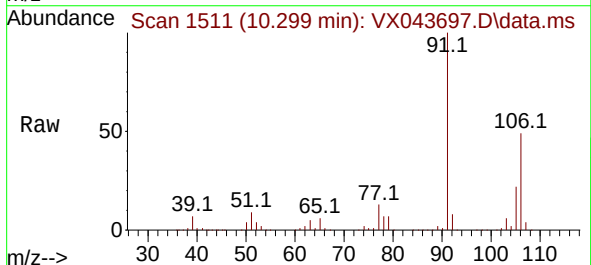
Acq: 04 Nov 2024 20:56

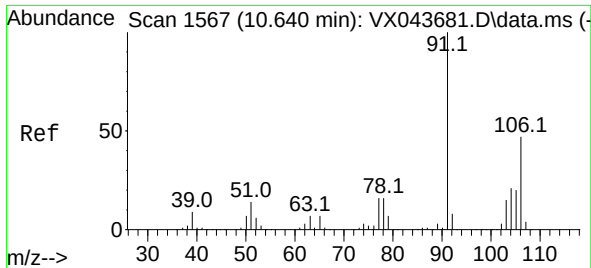
Tgt Ion:106 Resp: 154772

Ion Ratio Lower Upper

106 100

91 203.0 140.6 261.2

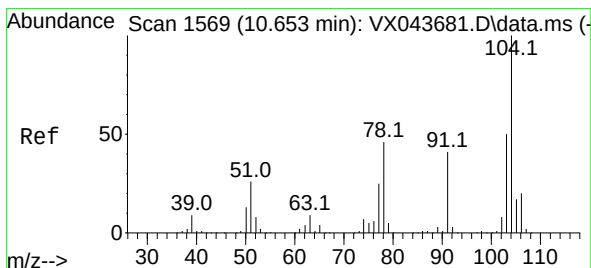
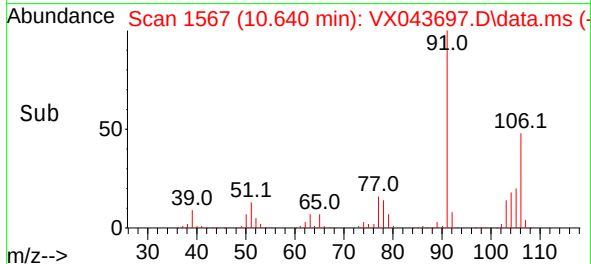
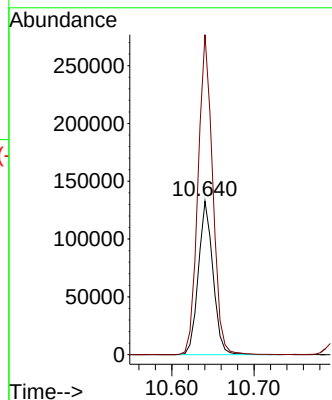
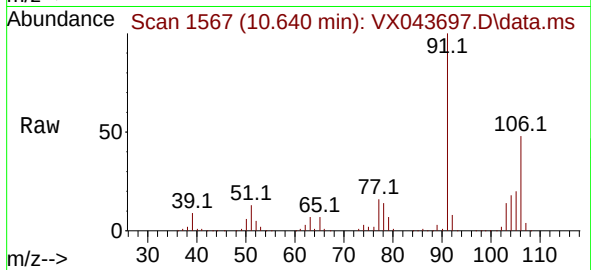




#54
o-Xylene
Concen: 49.426 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

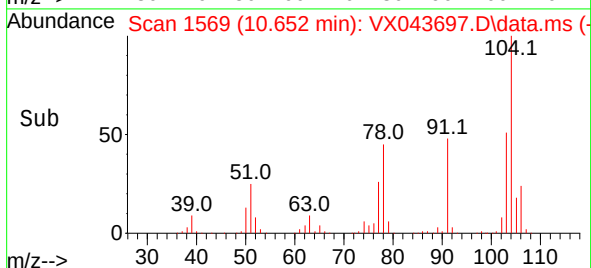
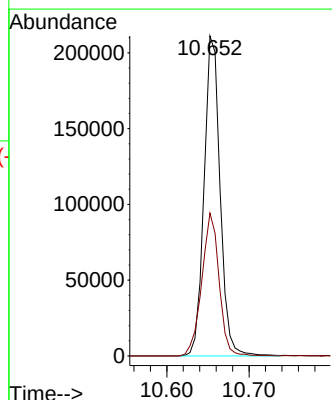
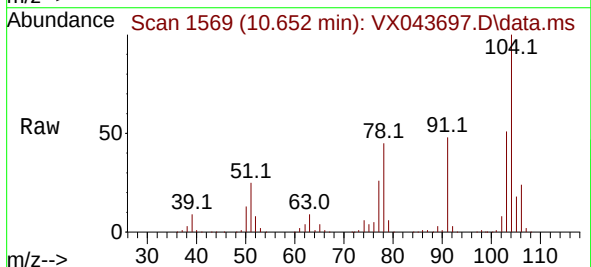
Instrument :
MSVOA_X
ClientSampleId :

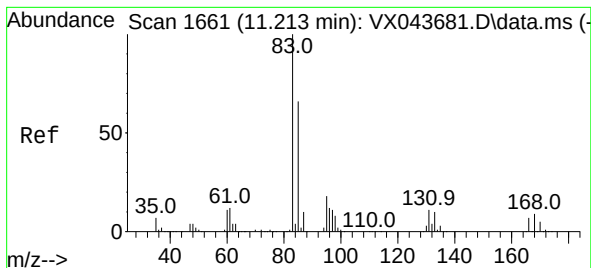
Tgt Ion:106 Resp: 163860
Ion Ratio Lower Upper
106 100
91 208.6 151.9 282.1



#55
Styrene
Concen: 51.984 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Tgt Ion:104 Resp: 286685
Ion Ratio Lower Upper
104 100
78 44.7 31.6 58.6

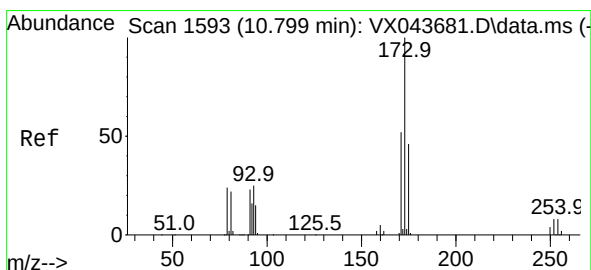
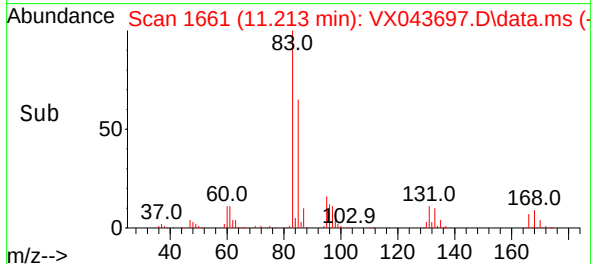
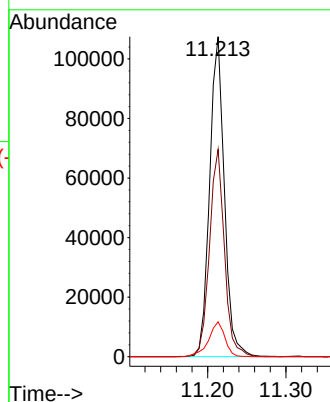
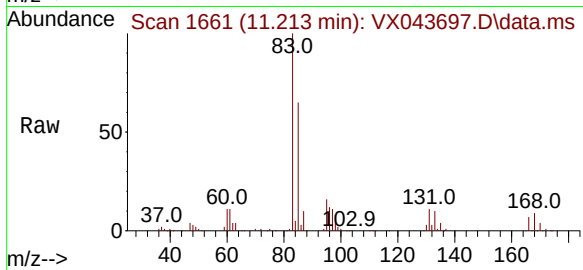




#57
1,1,2,2-Tetrachloroethane
Concen: 45.457 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

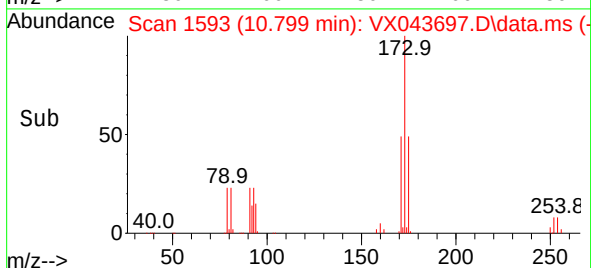
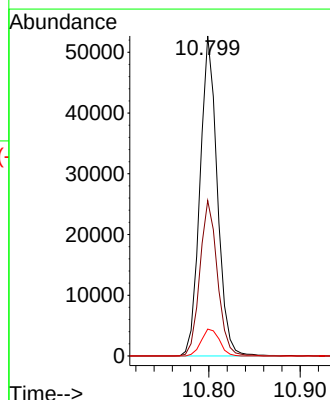
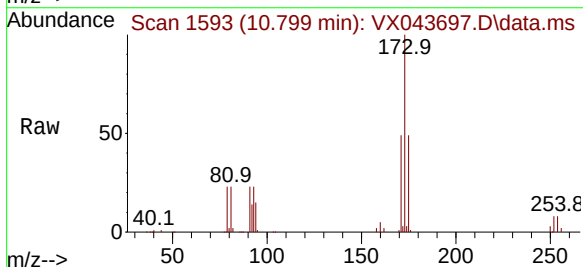
Instrument :
MSVOA_X
ClientSampleId :

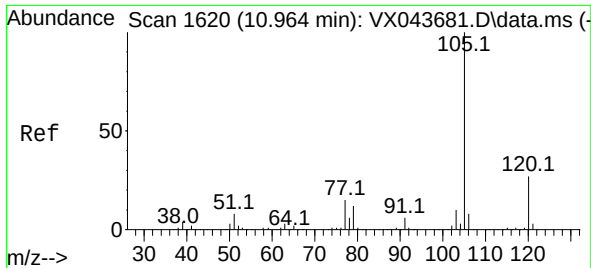
Tgt Ion: 83 Resp: 140124
Ion Ratio Lower Upper
83 100
85 64.8 45.2 84.0
131 10.9 8.3 12.5



#59
Bromoform
Concen: 53.306 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

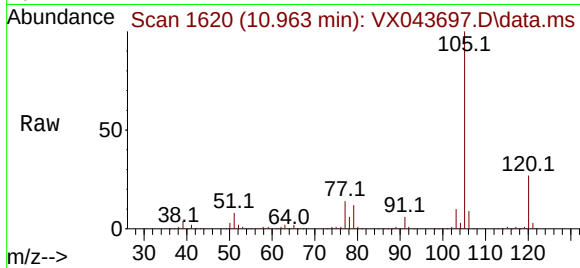
Tgt Ion: 173 Resp: 69085
Ion Ratio Lower Upper
173 100
175 49.2 37.0 55.6
254 8.9 6.4 9.6



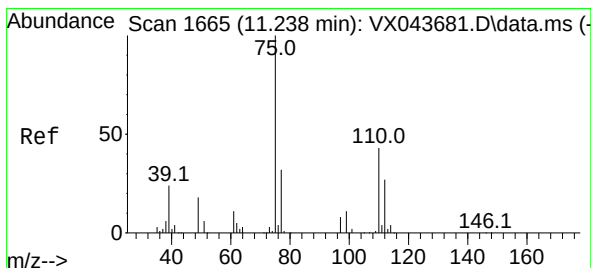
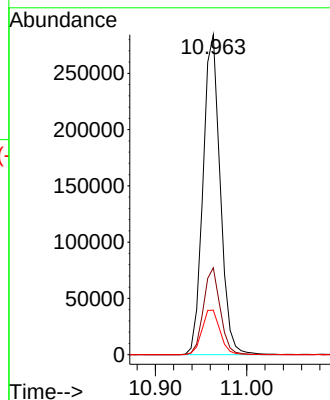
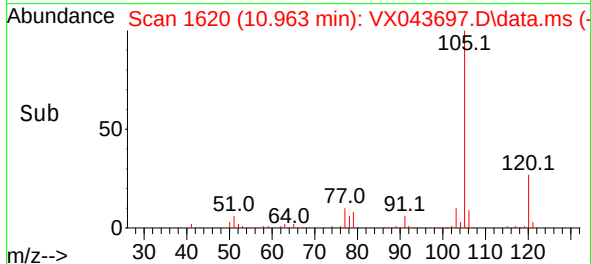


#60
Isopropylbenzene
Concen: 43.135 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

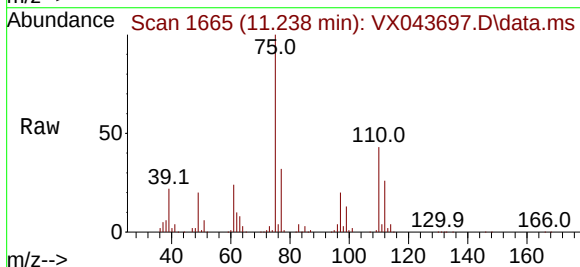
Instrument :
MSVOA_X
ClientSampleId :



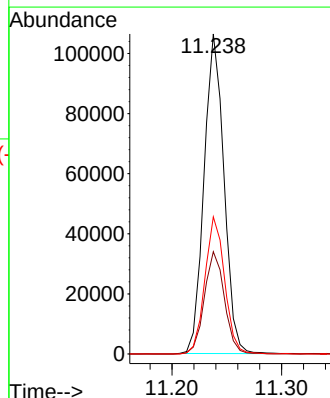
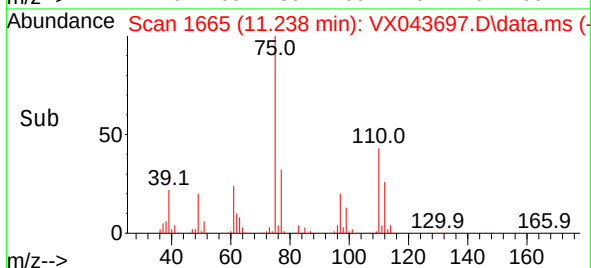
Tgt Ion:105 Resp: 370584
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.7 12.3 18.5

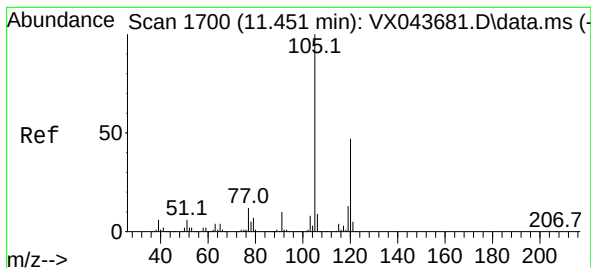


#61
1,2,3-Trichloropropane
Concen: 55.743 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56



Tgt Ion: 75 Resp: 134065
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 42.5 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 45.190 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

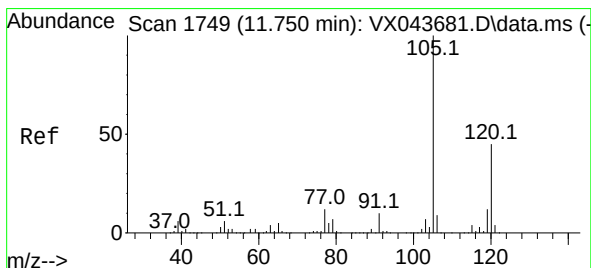
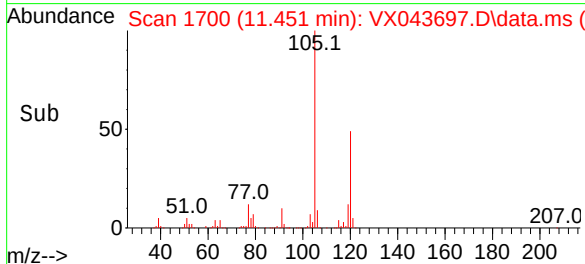
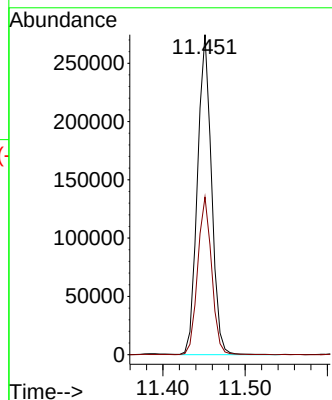
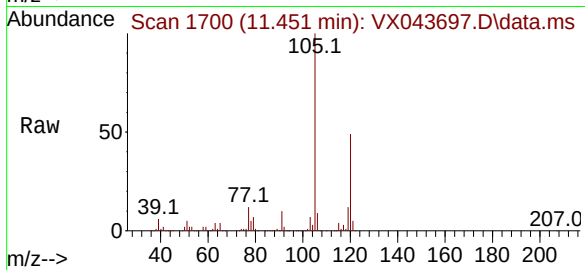
ClientSampleId :

Tgt Ion:105 Resp: 326333

Ion Ratio Lower Upper

105 100

120 49.1 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 46.501 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043697.D

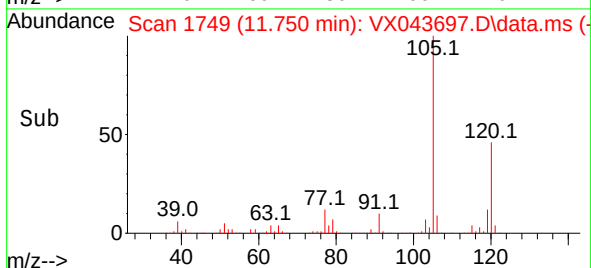
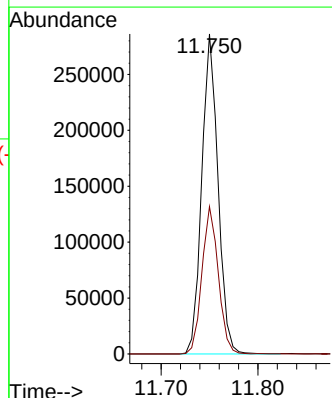
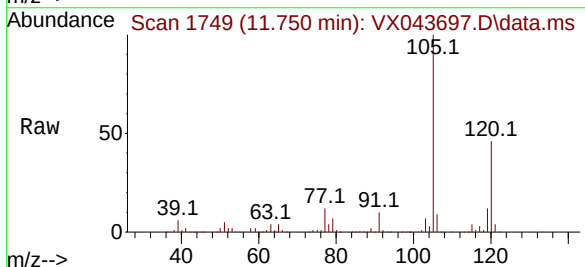
Acq: 04 Nov 2024 20:56

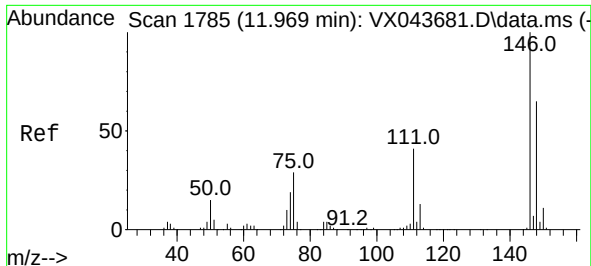
Tgt Ion:105 Resp: 334346

Ion Ratio Lower Upper

105 100

120 46.4 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 50.174 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :

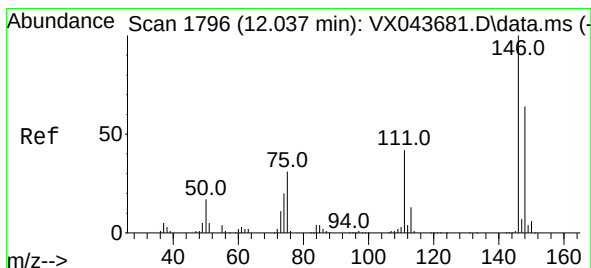
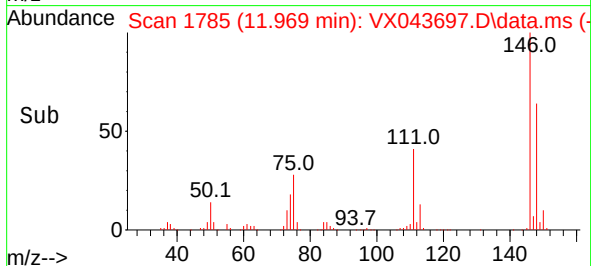
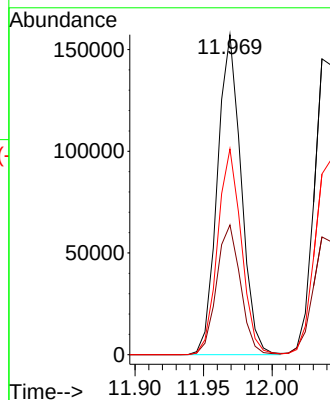
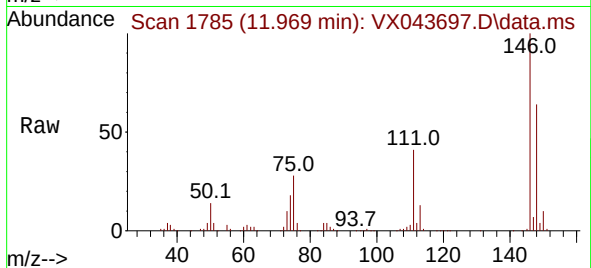
Tgt Ion:146 Resp: 189608

Ion Ratio Lower Upper

146 100

111 40.5 28.3 52.5

148 64.3 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 49.973 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

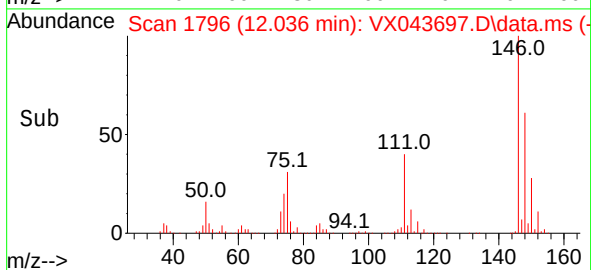
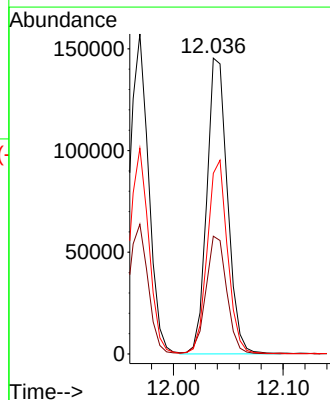
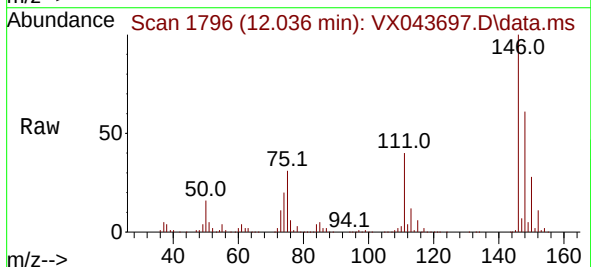
Tgt Ion:146 Resp: 190210

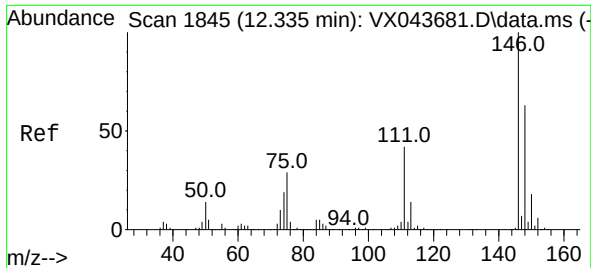
Ion Ratio Lower Upper

146 100

111 39.8 28.9 53.7

148 61.1 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 52.176 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :

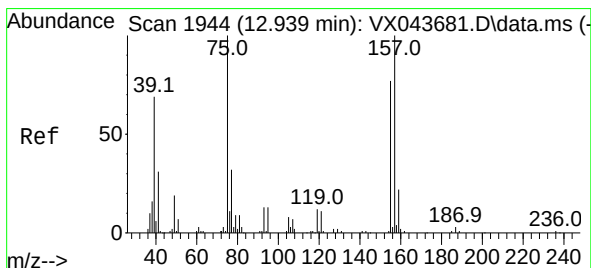
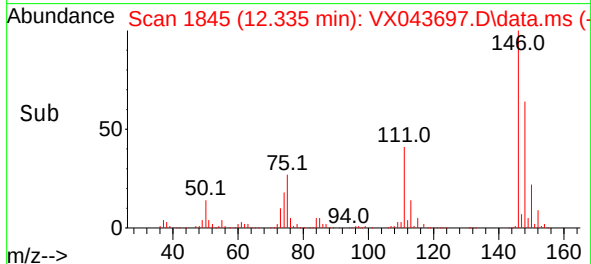
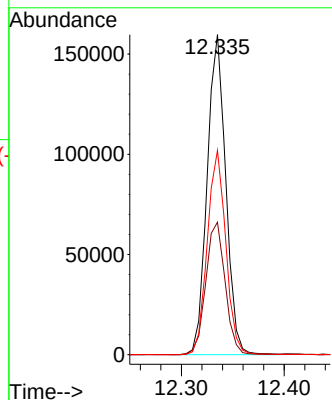
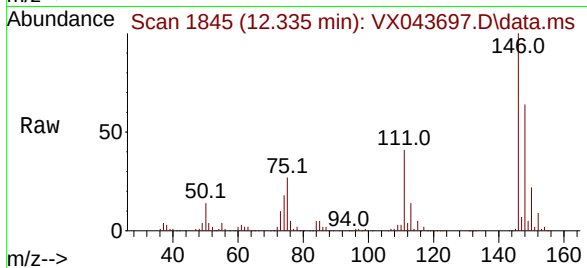
Tgt Ion:146 Resp: 201494

Ion Ratio Lower Upper

146 100

111 41.4 33.9 50.9

148 63.9 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 54.316 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

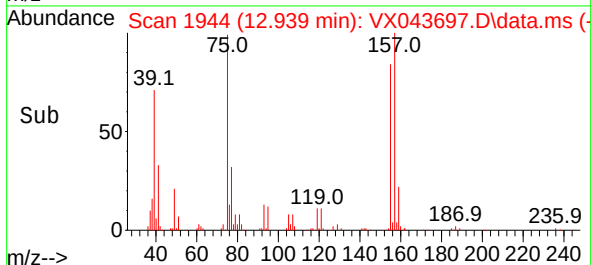
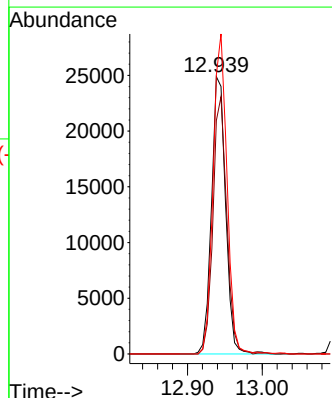
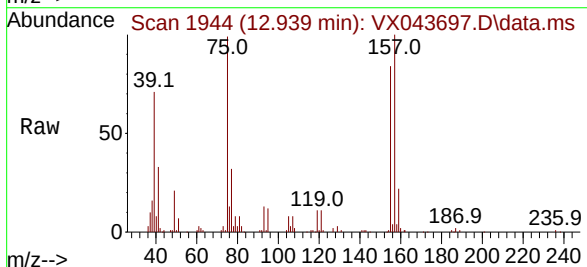
Tgt Ion: 75 Resp: 32711

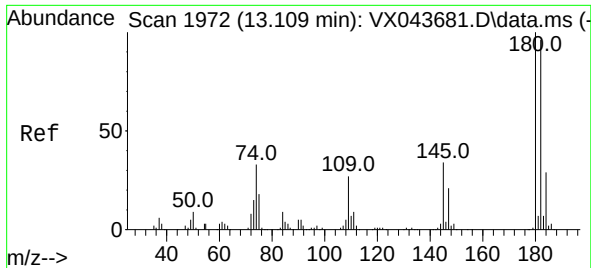
Ion Ratio Lower Upper

75 100

155 84.2 63.8 95.8

157 100.6 80.3 120.5





#69

1,3,5-Trichlorobenzene

Concen: 47.338 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

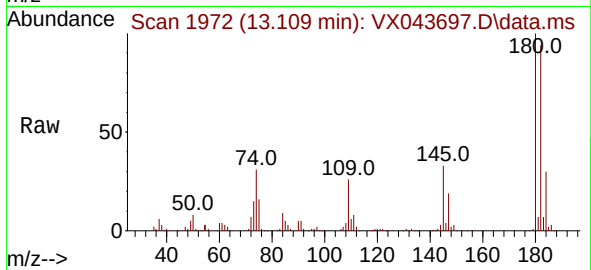
Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 119313

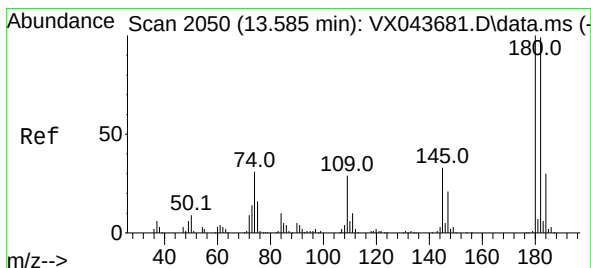
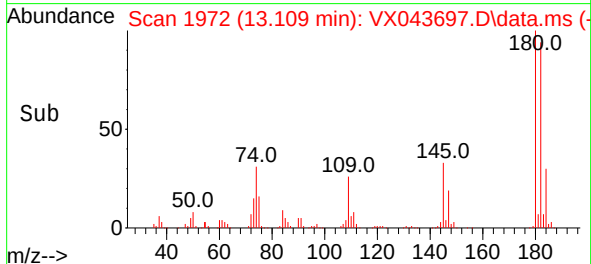
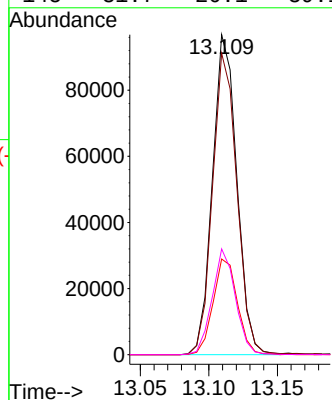
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

184 30.0 23.7 35.5

145 31.7 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 50.272 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043697.D

Acq: 04 Nov 2024 20:56

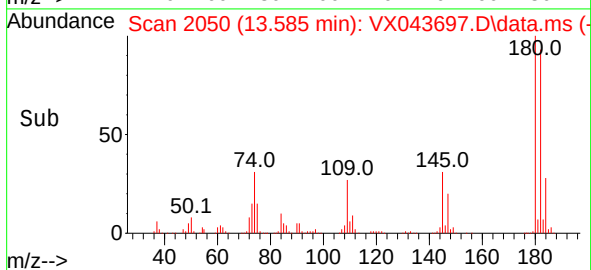
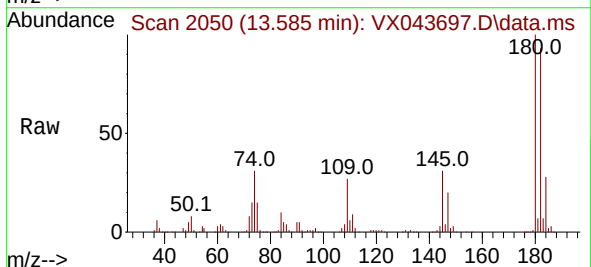
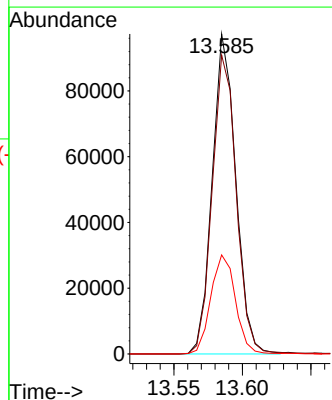
Tgt Ion:180 Resp: 116179

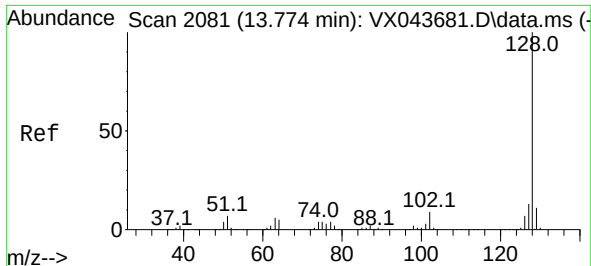
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

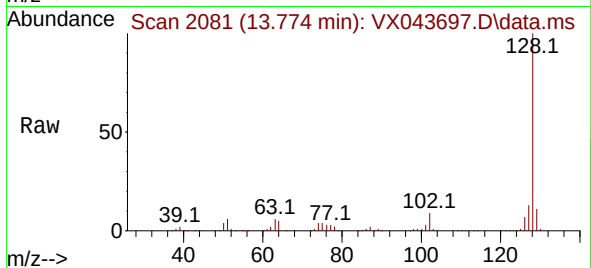
145 32.3 26.9 40.3



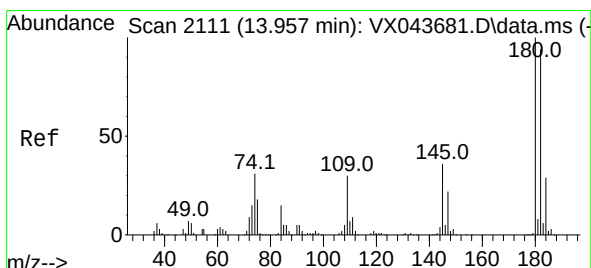
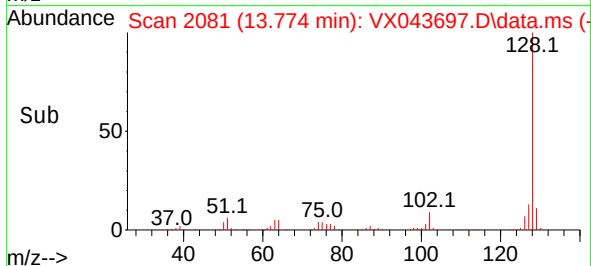
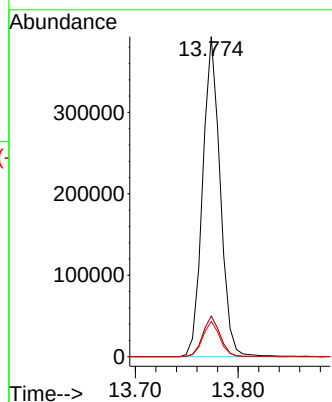


#71
Naphthalene
Concen: 54.209 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 465222
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.175 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX043697.D
Acq: 04 Nov 2024 20:56

Tgt Ion:180 Resp: 124616
Ion Ratio Lower Upper
180 100
182 97.2 75.8 113.8
145 34.4 28.4 42.6

