

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040613.D
 Acq On : 07 Mar 2024 09:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 01:22:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.756	114	150639	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81862	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	68629	51.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.940%
7) Chloroethane-d5	1.666	69	48113	45.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.280%
11) 1,1-Dichloroethene-d2	2.300	65	31170	51.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.560%
21) 2-Butanone-d5	4.446	46	108510	107.086	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.090%
24) Chloroform-d	5.049	84	124764	50.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
26) 1,2-Dichloroethane-d4	5.952	65	83294	45.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
32) Benzene-d6	5.964	84	213339	46.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
36) 1,2-Dichloropropane-d6	7.305	67	69257	48.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	8.646	98	197024	44.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.520%
43) trans-1,3-Dichloroprop...	8.945	79	36057	47.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	9.378	63	70073	89.712	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.710%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	111215	52.473	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.940%
66) 1,2-Dichlorobenzene-d4	12.316	152	74760	43.603	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.200%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	80752	60.060	ug/L 97
3) Chloromethane	1.294	50	65503	56.043	ug/L 99
5) Vinyl chloride	1.373	62	73090	57.802	ug/L 98
6) Bromomethane	1.605	94	40813	60.795	ug/L 92
8) Chloroethane	1.684	64	36581	50.453	ug/L 90
9) Trichlorofluoromethane	1.885	101	99926	56.793	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.324	101	60710	58.172	ug/L 98
12) 1,1-Dichloroethene	2.318	96	51317	55.888	ug/L 97
13) Acetone	2.373	43	83020	114.731	ug/L 98
14) Carbon disulfide	2.507	76	154271	58.064	ug/L 100
15) Methyl Acetate	2.702	43	66552	54.480	ug/L 99
16) Methylene chloride	2.788	84	55410	54.797	ug/L 98
17) trans-1,2-Dichloroethene	3.086	96	53044	56.271	ug/L 98
18) Methyl tert-butyl Ether	3.111	73	186658	57.257	ug/L 99
19) 1,1-Dichloroethane	3.605	63	105210	57.442	ug/L 99
20) cis-1,2-Dichloroethene	4.482	96	60363	57.107	ug/L 97
22) 2-Butanone	4.550	43	104029	108.571	ug/L 100
23) Bromochloromethane	4.891	128	28015	51.966	ug/L 94
25) Chloroform	5.086	83	106165	51.365	ug/L 99

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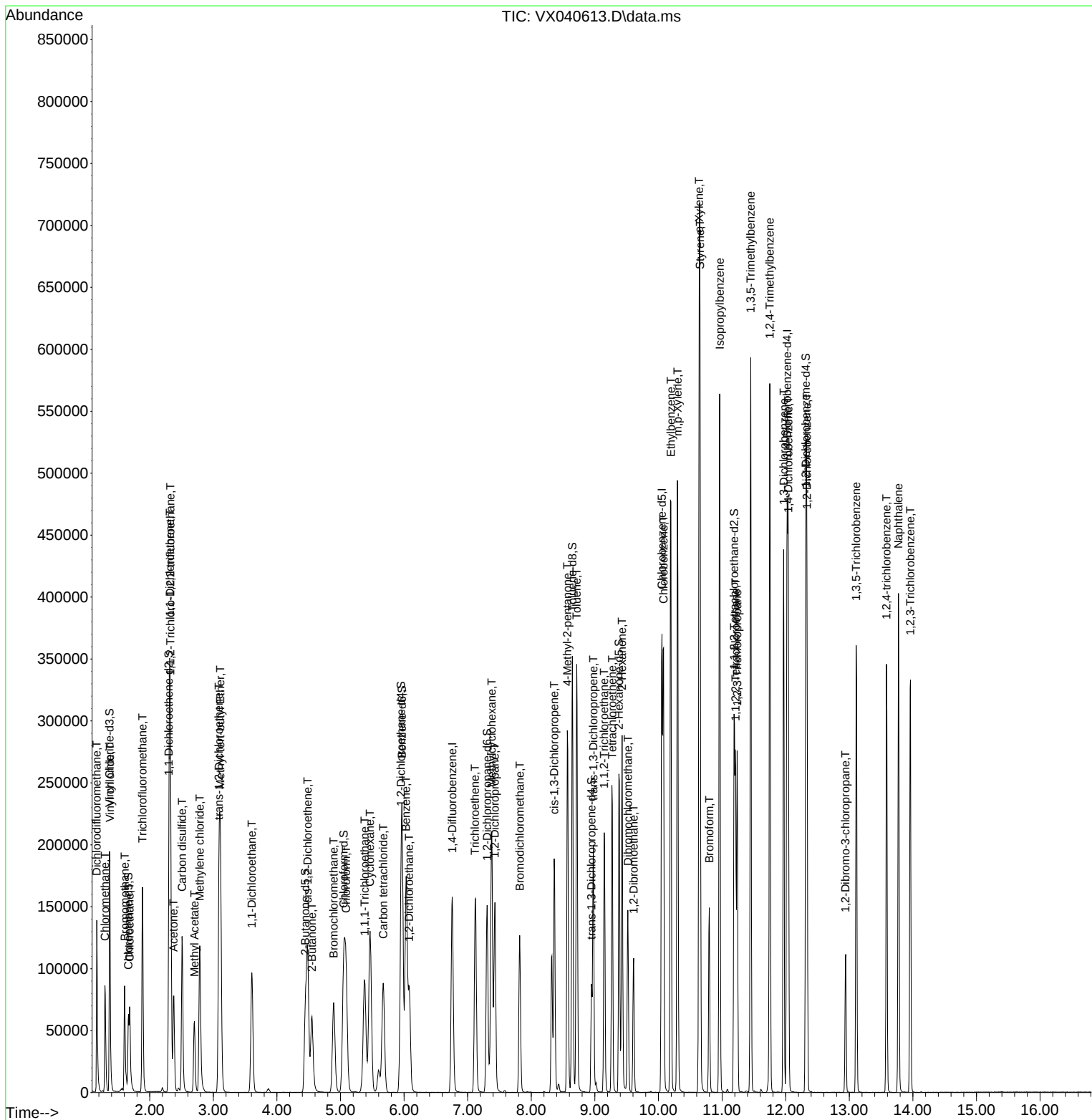
Instrument :
 MSVOA_X
 ClientSampleId :

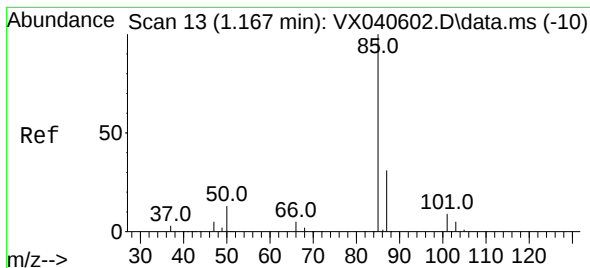
Quant Time: Mar 08 01:22:09 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	92353	50.844	ug/L	98
29) Cyclohexane	5.464	56	85412	52.211	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	87777	47.339	ug/L	98
31) Carbon tetrachloride	5.671	117	76119	48.914	ug/L	96
33) Benzene	6.031	78	197560	49.398	ug/L	100
34) Trichloroethene	7.116	95	59734	50.594	ug/L	99
35) Methylcyclohexane	7.378	83	90811	52.633	ug/L	98
37) 1,2-Dichloropropane	7.427	63	54844	51.798	ug/L	100
38) Bromodichloromethane	7.817	83	77337	49.385	ug/L	93
39) cis-1,3-Dichloropropene	8.360	75	91034	51.068	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	171051	94.236	ug/L	99
42) Toluene	8.713	91	215049	49.014	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	87815	50.576	ug/L	99
45) 1,1,2-Trichloroethane	9.146	97	52021	47.596	ug/L	97
46) Tetrachloroethene	9.274	164	41996	49.541	ug/L	97
48) 2-Hexanone	9.427	43	146230	97.222	ug/L	98
49) Dibromochloromethane	9.518	129	57971	50.761	ug/L	95
50) 1,2-Dibromoethane	9.610	107	57163	48.633	ug/L	99
51) Chlorobenzene	10.079	112	144215	50.734	ug/L	97
52) Ethylbenzene	10.195	91	277947	53.908	ug/L	100
53) m,p-Xylene	10.299	106	103658	55.301	ug/L	95
54) o-Xylene	10.640	106	100429	55.816	ug/L	98
55) Styrene	10.652	104	172820	55.119	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	95911	53.239	ug/L	99
59) Bromoform	10.798	173	48179	50.742	ug/L	100
60) Isopropylbenzene	10.963	105	283556	51.593	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	79072	48.472	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	238340	52.305	ug/L	100
63) 1,2,4-Trimethylbenzene	11.749	105	236212	51.841	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	122737	51.009	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	126402	51.657	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	107544	47.003	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.938	75	21564	45.156	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	78529	48.620	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	73648	49.170	ug/L	98
71) Naphthalene	13.774	128	227190	47.721	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	71511	48.467	ug/L	100

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

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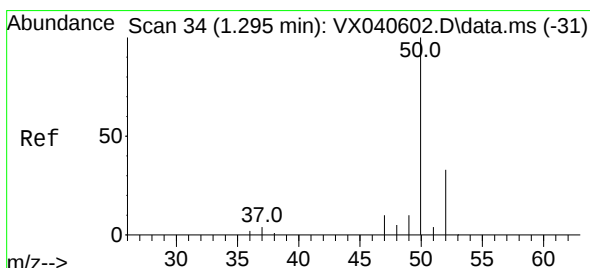
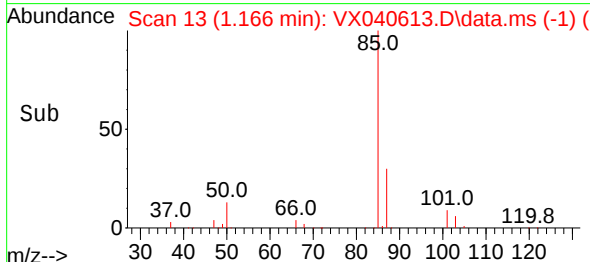
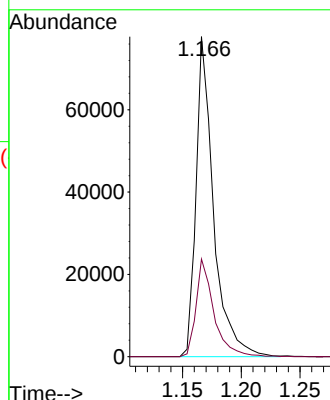
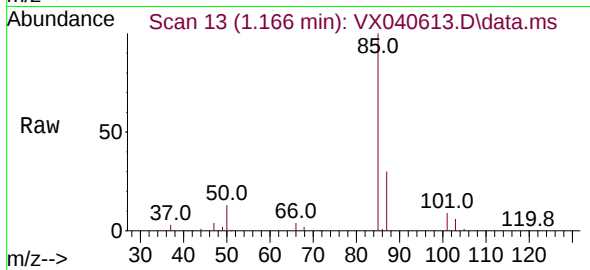




#2
 Dichlorodifluoromethane
 Concen: 60.060 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.001 min
 Lab File: VX040613.D
 Acq: 07 Mar 2024 09:01

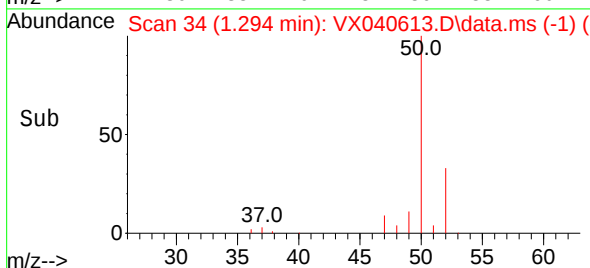
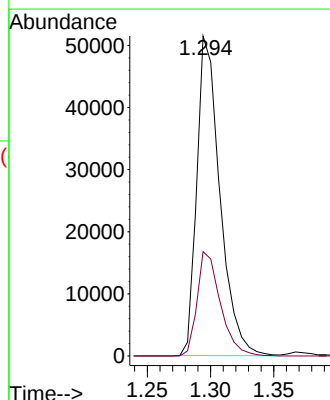
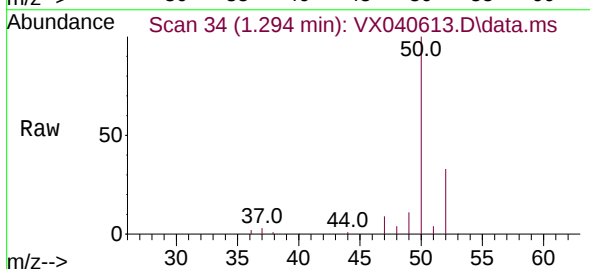
Instrument :
 MSVOA_X
 ClientSampleId :

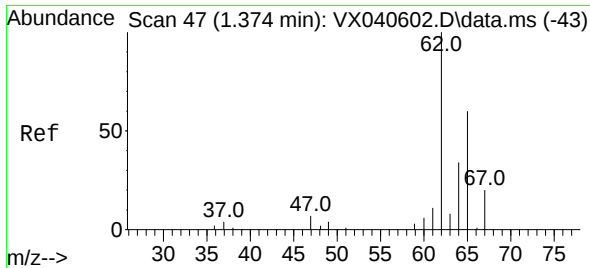
Tgt Ion: 85 Resp: 80752
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.1 39.1



#3
 Chloromethane
 Concen: 56.043 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.001 min
 Lab File: VX040613.D
 Acq: 07 Mar 2024 09:01

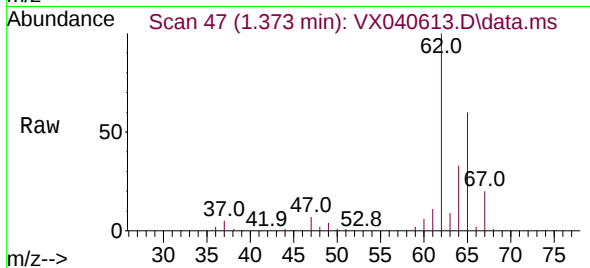
Tgt Ion: 50 Resp: 65503
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.1 42.9



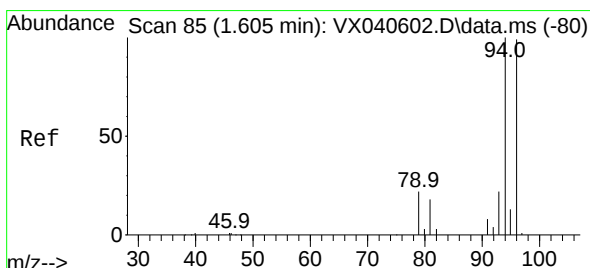
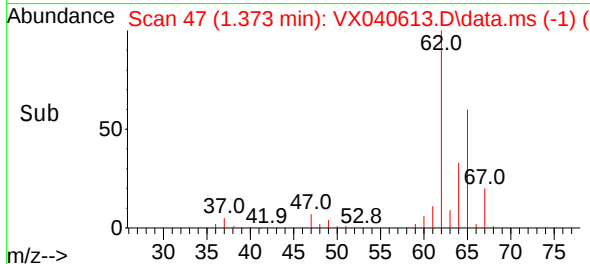
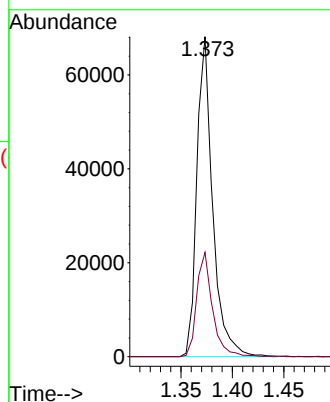


#5
 Vinyl chloride
 Concen: 57.802 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX040613.D
 Acq: 07 Mar 2024 09:01

Instrument :
 MSVOA_X
 ClientSampleId :

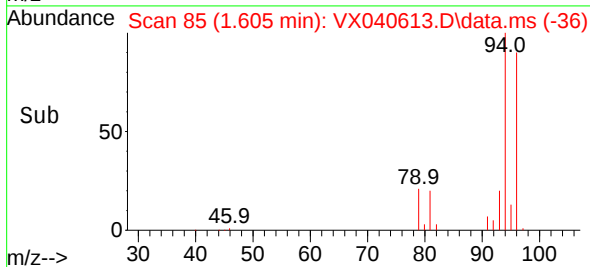
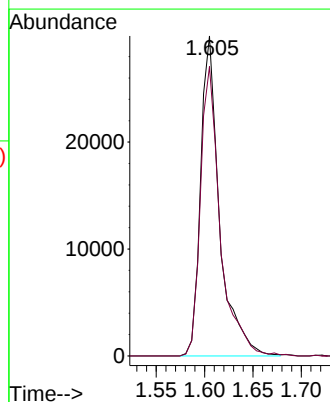
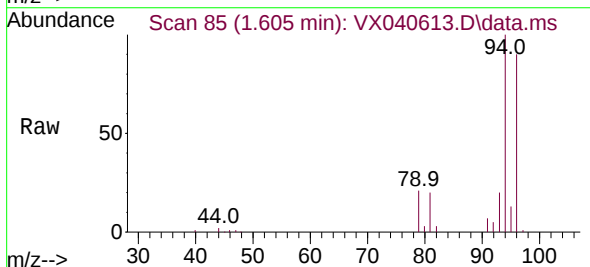


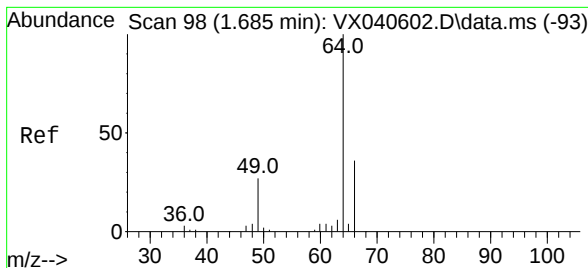
Tgt Ion: 62 Resp: 73090
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#6
 Bromomethane
 Concen: 60.795 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.001 min
 Lab File: VX040613.D
 Acq: 07 Mar 2024 09:01

Tgt Ion: 94 Resp: 40813
 Ion Ratio Lower Upper
 94 100
 96 90.4 69.0 128.2





#8

Chloroethane

Concen: 50.453 ug/L

RT: 1.684 min Scan# 98

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

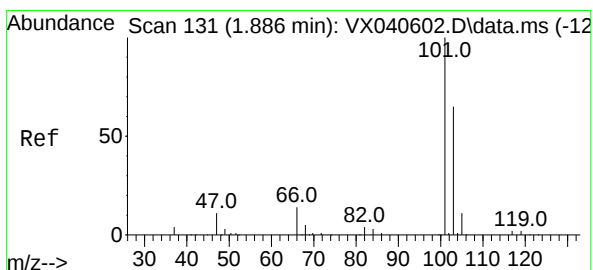
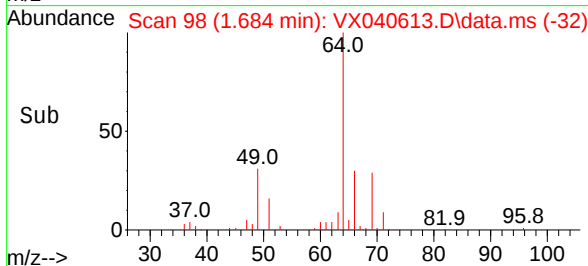
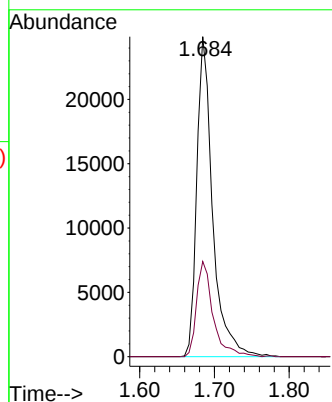
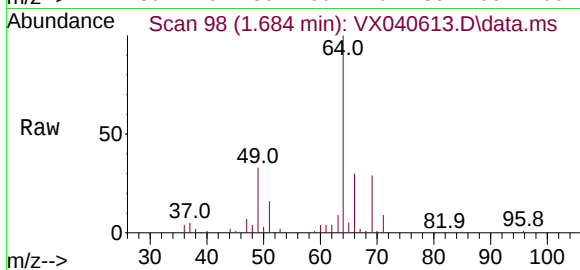
ClientSampleId :

Tgt Ion: 64 Resp: 36581

Ion Ratio Lower Upper

64 100

66 29.7 25.0 46.4



#9

Trichlorofluoromethane

Concen: 56.793 ug/L

RT: 1.885 min Scan# 131

Delta R.T. -0.001 min

Lab File: VX040613.D

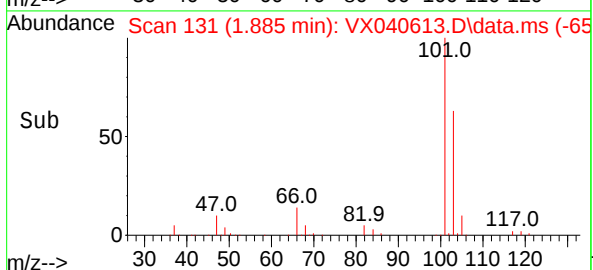
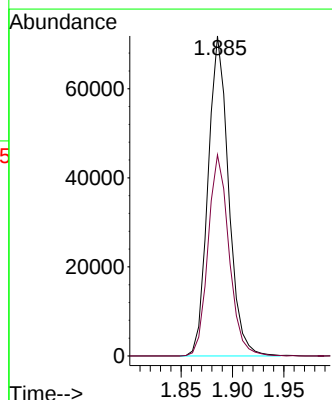
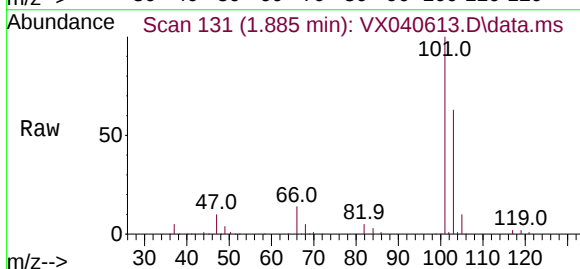
Acq: 07 Mar 2024 09:01

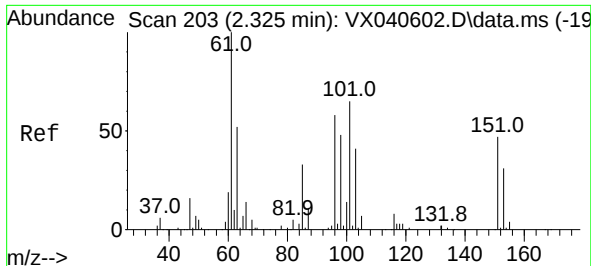
Tgt Ion:101 Resp: 99926

Ion Ratio Lower Upper

101 100

103 64.0 51.7 77.5





#10

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

Concen: 58.172 ug/L

RT: 2.324 min Scan# 203

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

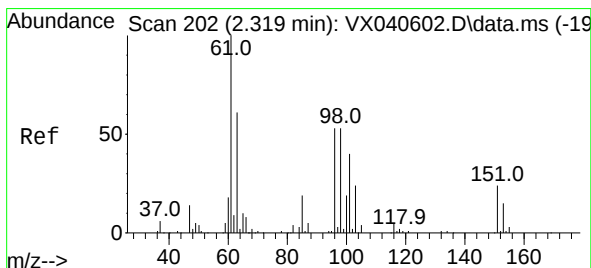
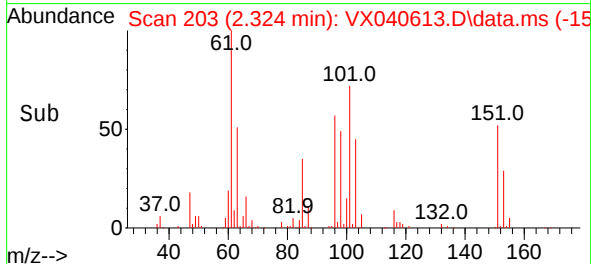
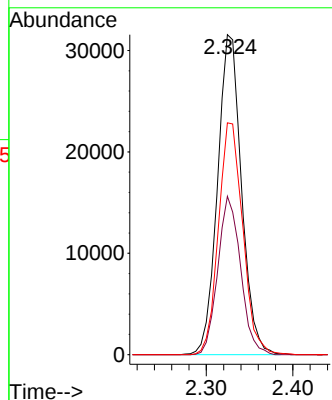
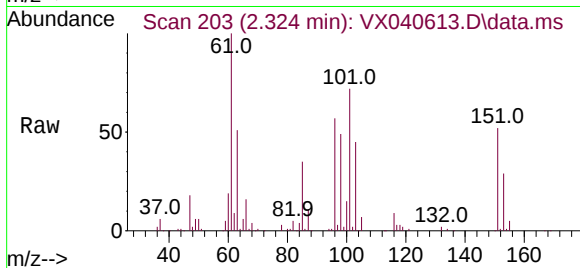
Tgt Ion:101 Resp: 60710

Ion Ratio Lower Upper

101 100

85 47.0 38.3 57.5

151 73.5 57.7 86.5



#12

1,1-Dichloroethene

Concen: 55.888 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

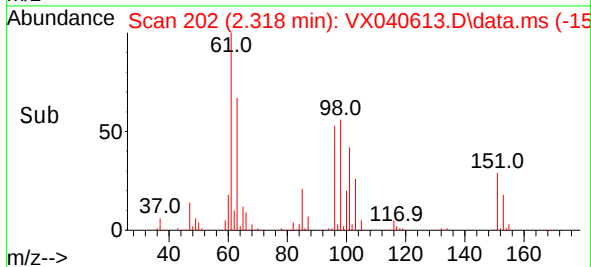
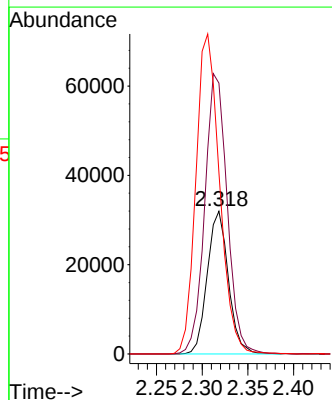
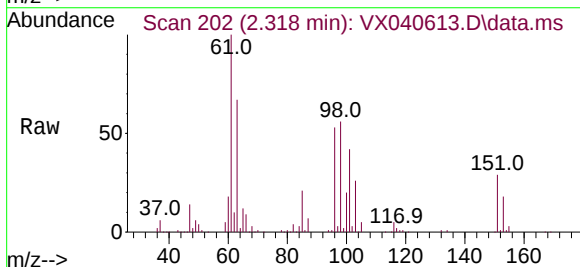
Tgt Ion: 96 Resp: 51317

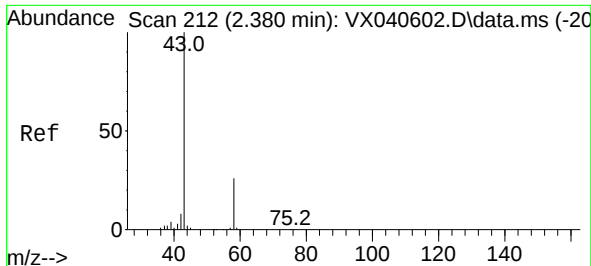
Ion Ratio Lower Upper

96 100

61 189.6 134.8 250.4

63 127.0 92.5 171.9

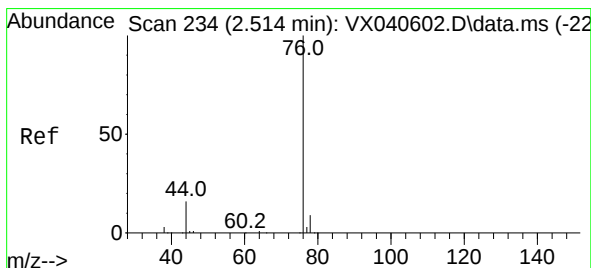
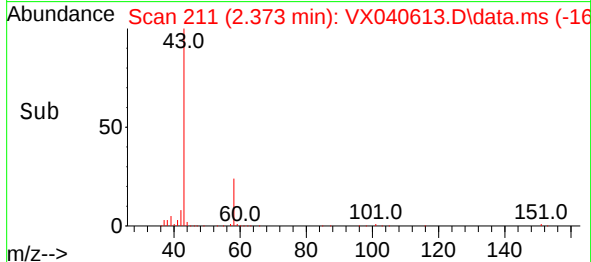
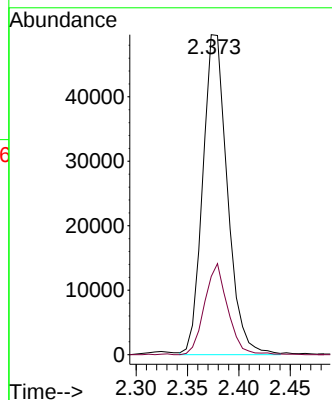
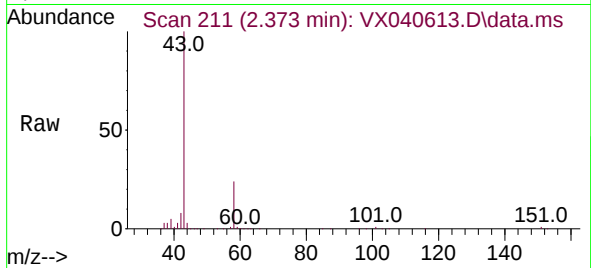




#13
Acetone
Concen: 114.731 ug/L
RT: 2.373 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

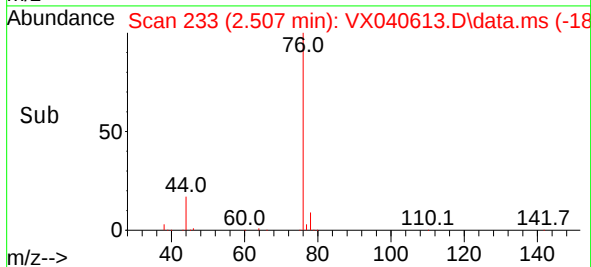
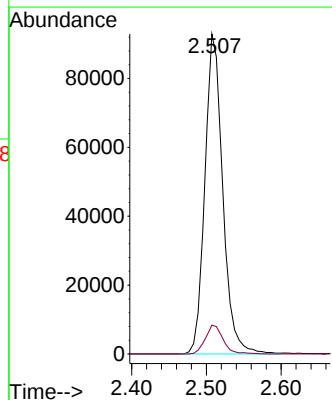
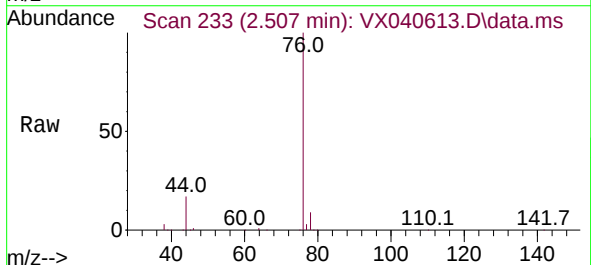
Instrument :
MSVOA_X
ClientSampleId :

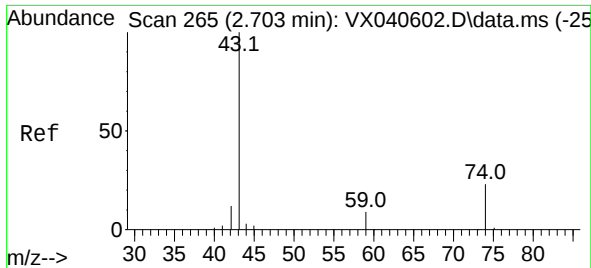
Tgt Ion: 43 Resp: 83020
Ion Ratio Lower Upper
43 100
58 26.5 0.0 54.6



#14
Carbon disulfide
Concen: 58.064 ug/L
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 76 Resp: 154271
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

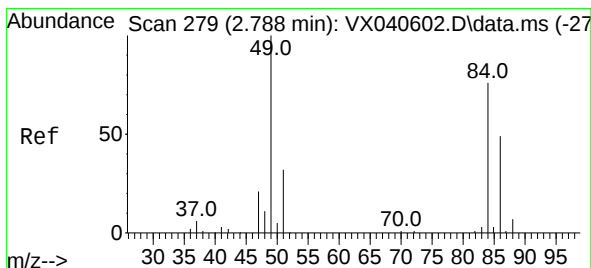
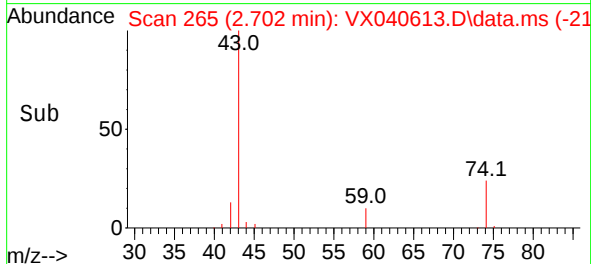
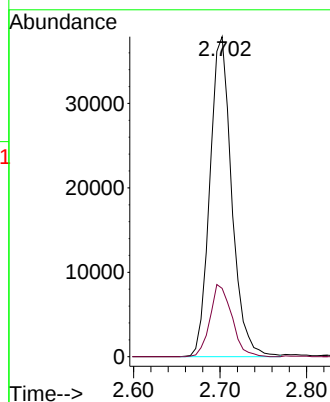
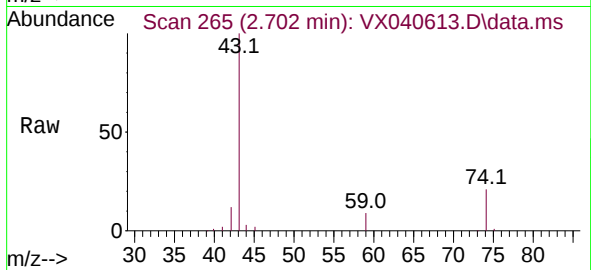




#15
Methyl Acetate
Concen: 54.480 ug/L
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

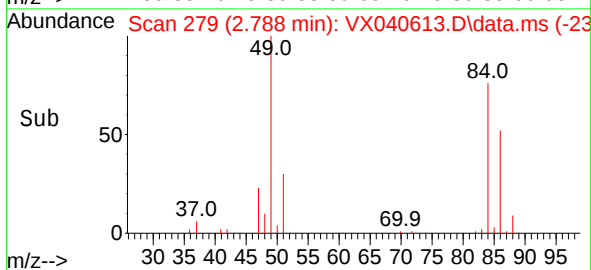
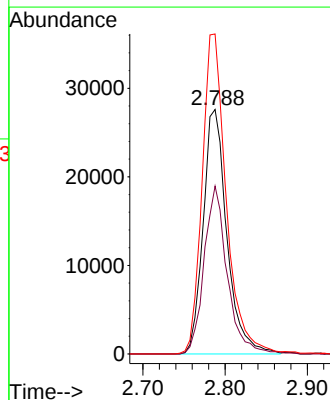
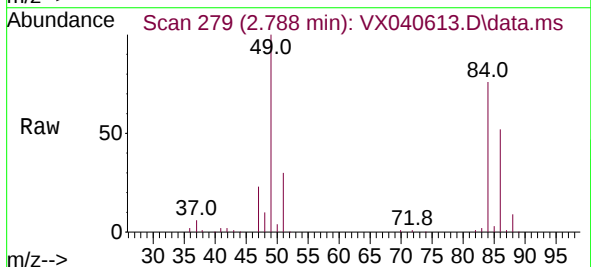
Instrument :
MSVOA_X
ClientSampleId :

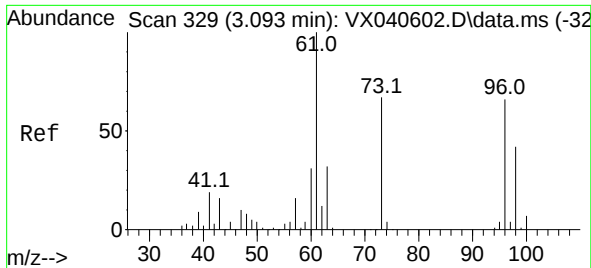
Tgt Ion: 43 Resp: 66552
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4



#16
Methylene chloride
Concen: 54.797 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 84 Resp: 55410
Ion Ratio Lower Upper
84 100
86 68.7 45.8 85.2
49 130.9 92.6 172.0

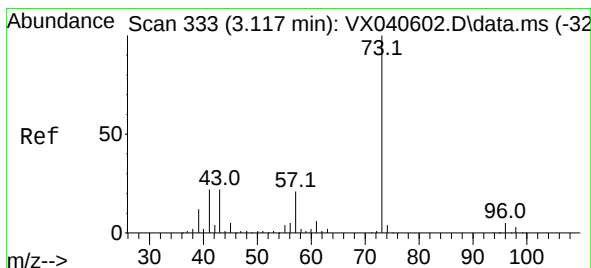
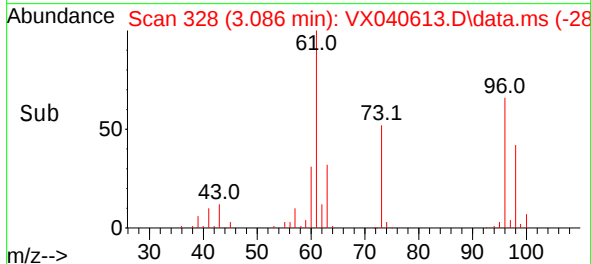
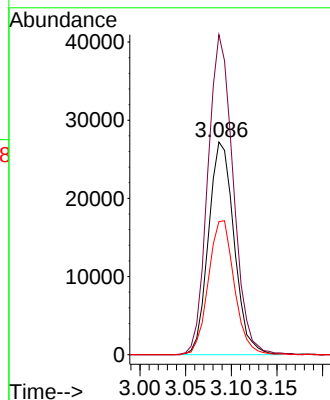
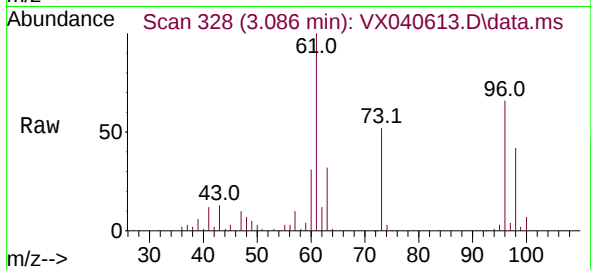




#17
trans-1,2-Dichloroethene
Concen: 56.271 ug/L
RT: 3.086 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

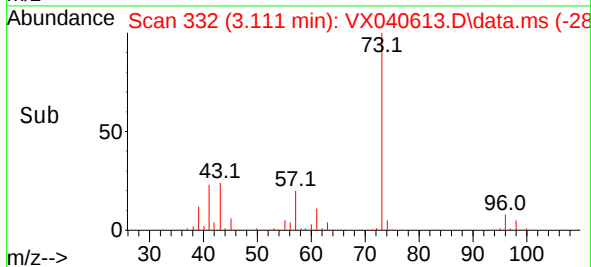
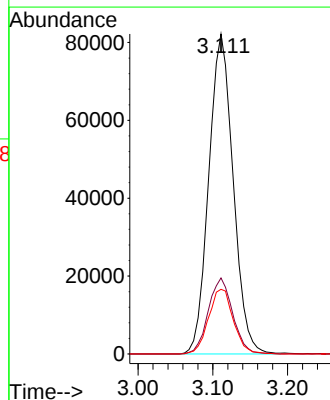
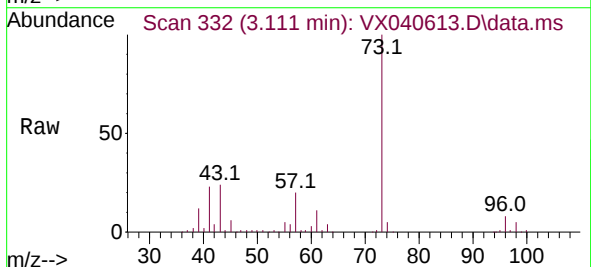
Instrument :
MSVOA_X
ClientSampleId :

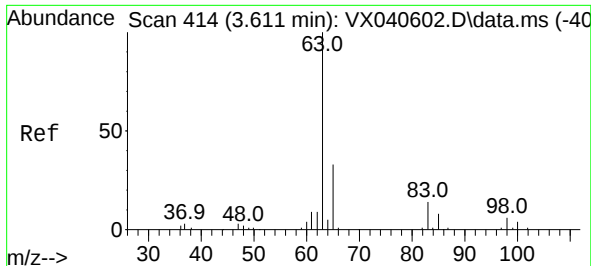
Tgt Ion: 96 Resp: 53044
Ion Ratio Lower Upper
96 100
61 150.4 106.6 198.0
98 62.6 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 57.257 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 73 Resp: 186658
Ion Ratio Lower Upper
73 100
43 23.8 19.3 28.9
57 20.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 57.442 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.007 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

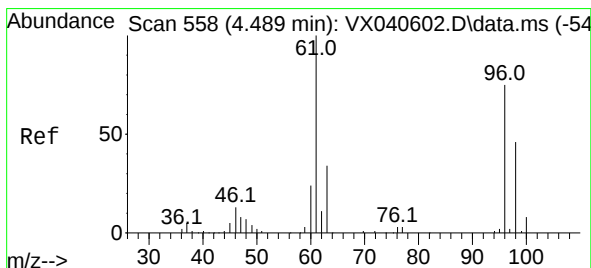
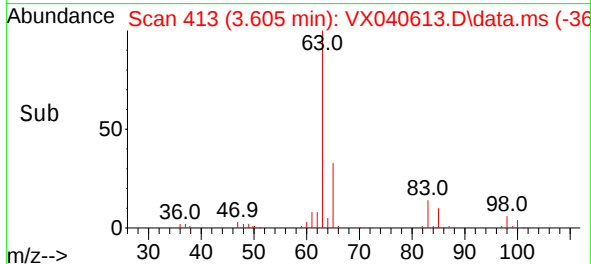
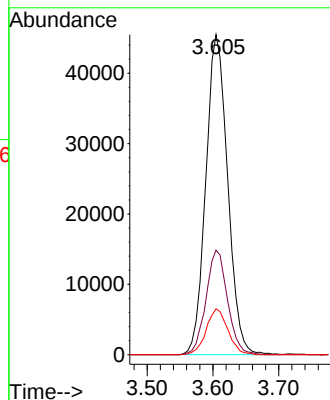
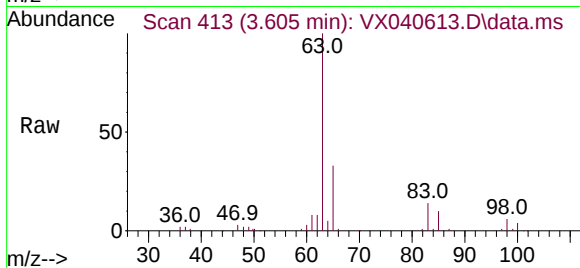
Tgt Ion: 63 Resp: 105210

Ion Ratio Lower Upper

63 100

65 32.7 23.1 42.9

83 14.4 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 57.107 ug/L

RT: 4.482 min Scan# 557

Delta R.T. -0.007 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

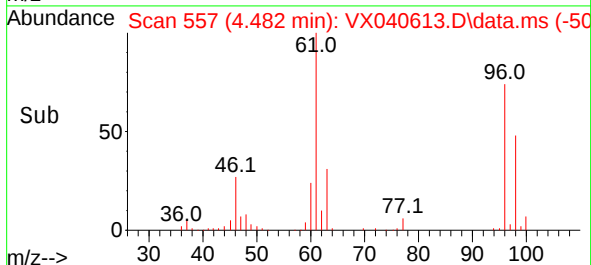
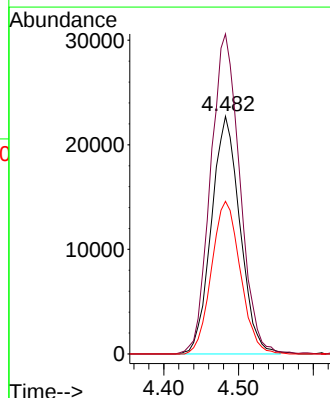
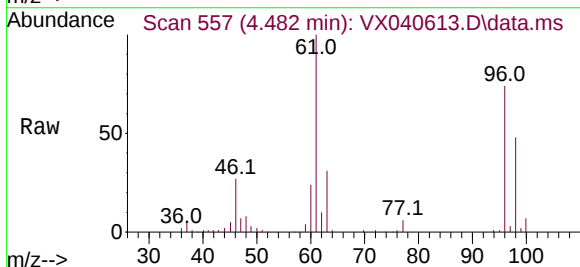
Tgt Ion: 96 Resp: 60363

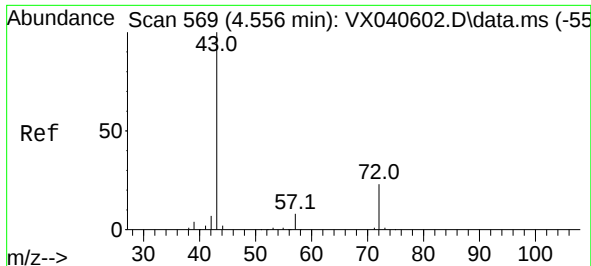
Ion Ratio Lower Upper

96 100

61 134.6 93.0 172.8

98 64.2 42.4 78.6

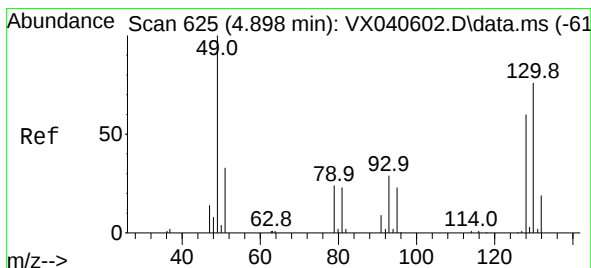
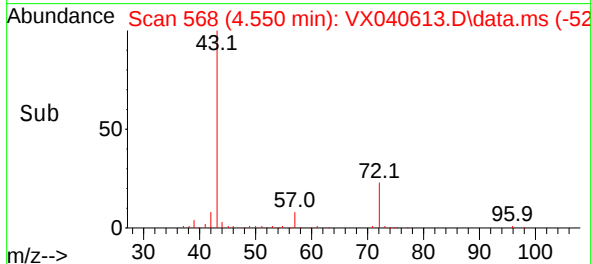
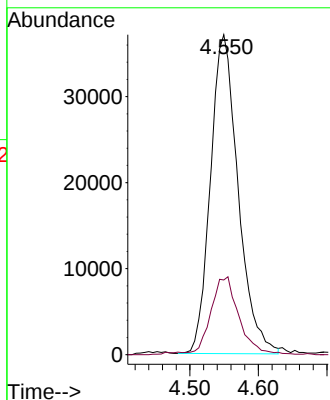
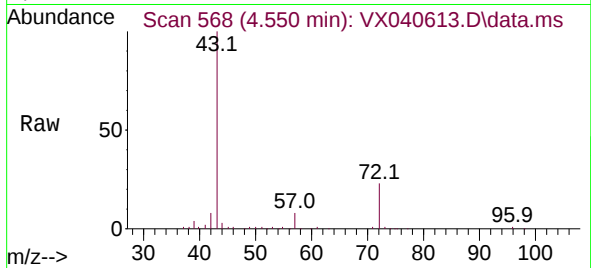




#22
2-Butanone
Concen: 108.571 ug/L
RT: 4.550 min Scan# 51
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

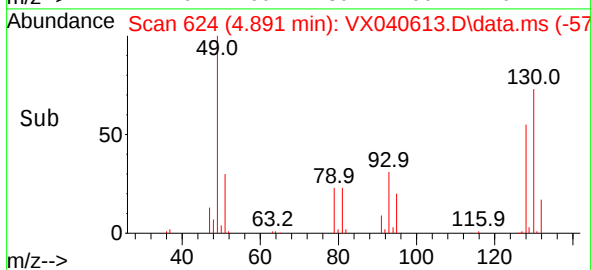
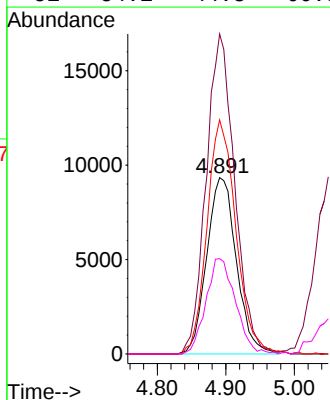
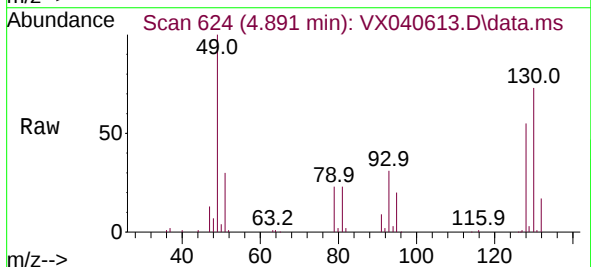
Instrument :
MSVOA_X
ClientSampleId :

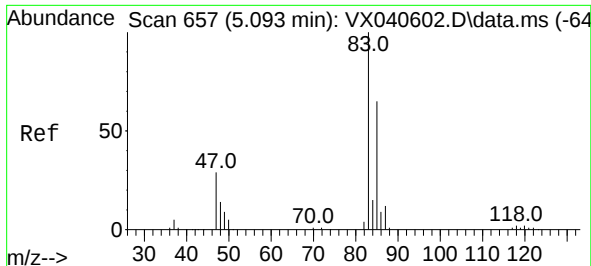
Tgt Ion: 43 Resp: 104029
Ion Ratio Lower Upper
43 100
72 24.8 12.4 37.2



#23
Bromochloromethane
Concen: 51.966 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion:128 Resp: 28015
Ion Ratio Lower Upper
128 100
49 181.6 118.1 219.3
130 132.8 89.4 166.0
51 54.1 44.3 66.5





#25

Chloroform

Concen: 51.365 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

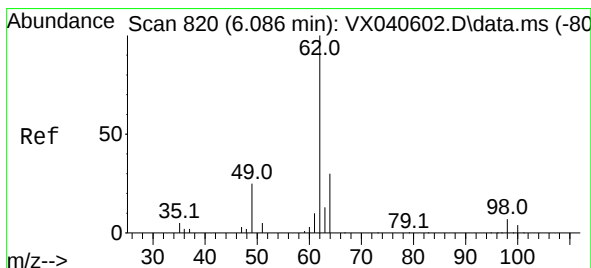
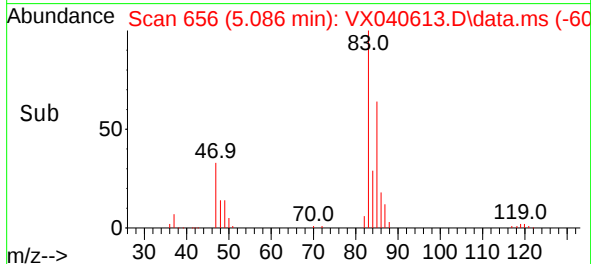
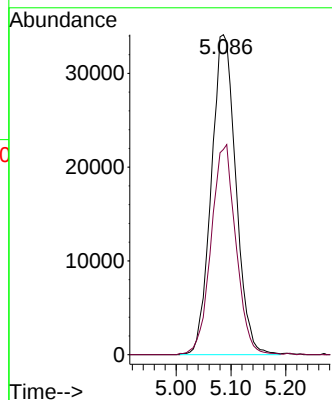
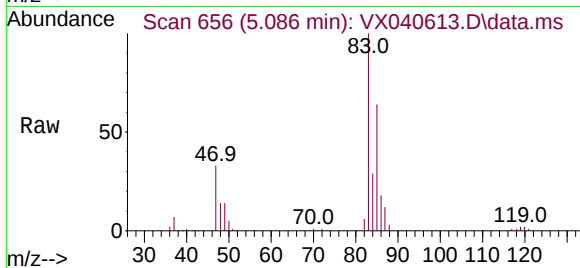
ClientSampleId :

Tgt Ion: 83 Resp: 106165

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 50.844 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.007 min

Lab File: VX040613.D

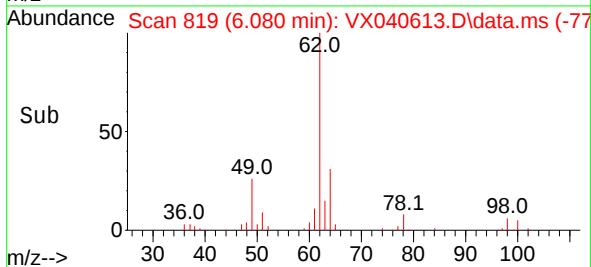
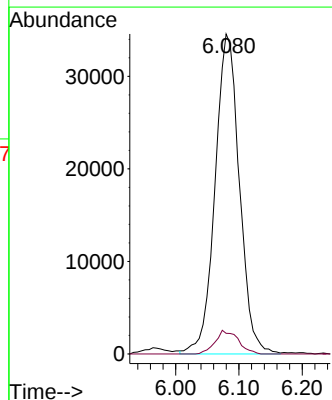
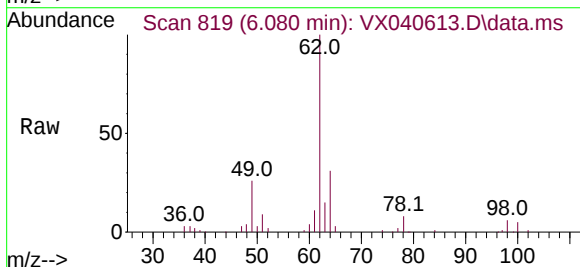
Acq: 07 Mar 2024 09:01

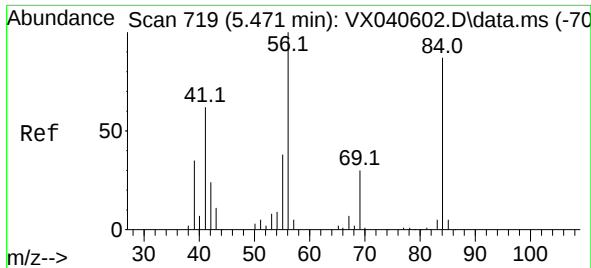
Tgt Ion: 62 Resp: 92353

Ion Ratio Lower Upper

62 100

98 6.5 5.8 8.6





#29

Cyclohexane

Concen: 52.211 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.007 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

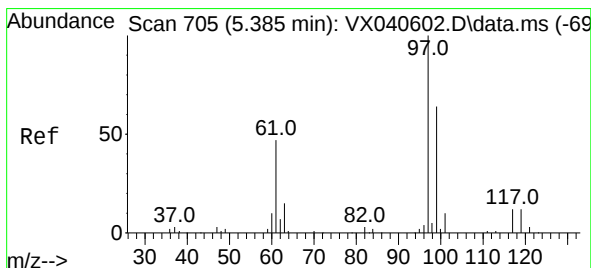
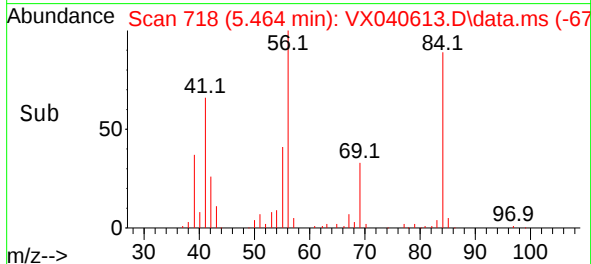
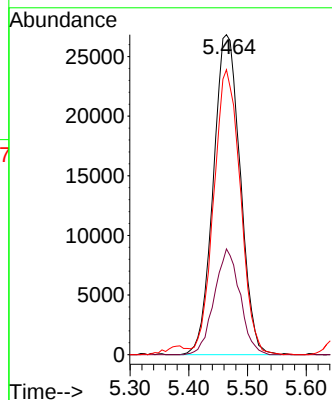
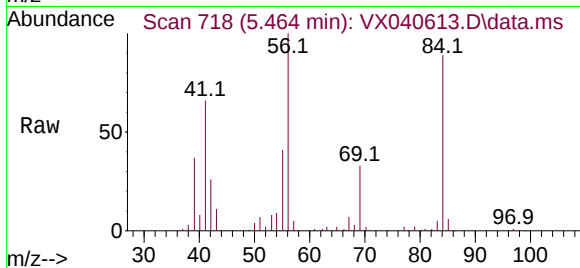
Tgt Ion: 56 Resp: 85412

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

84 88.0 70.6 105.8



#30

1,1,1-Trichloroethane

Concen: 47.339 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.007 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

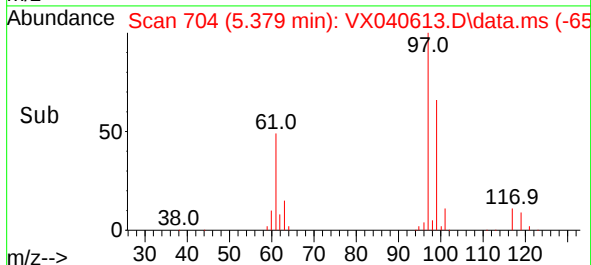
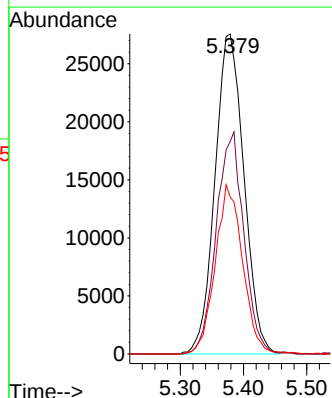
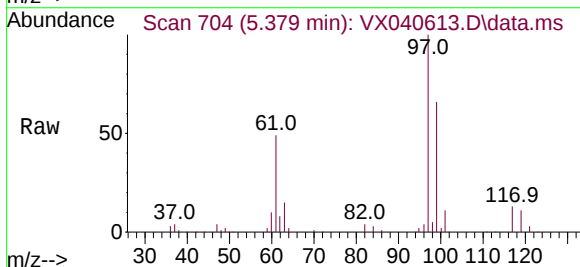
Tgt Ion: 97 Resp: 87777

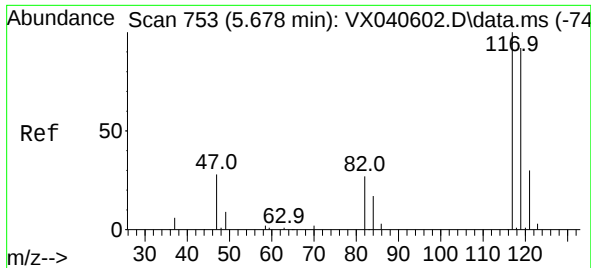
Ion Ratio Lower Upper

97 100

99 65.9 52.1 78.1

61 50.1 38.3 57.5

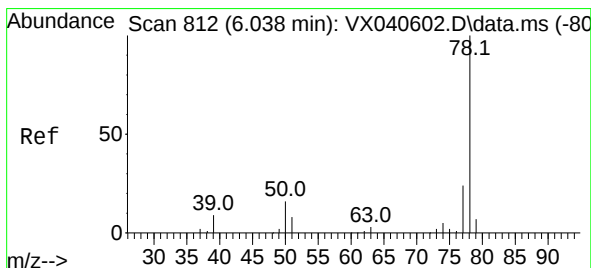
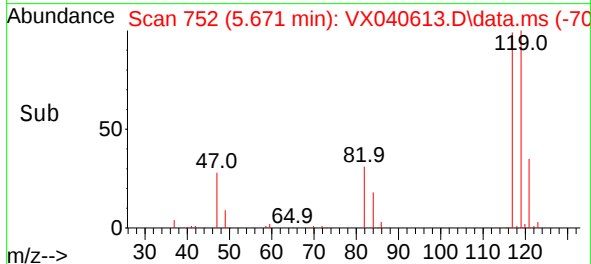
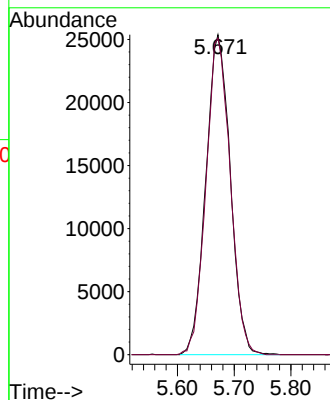
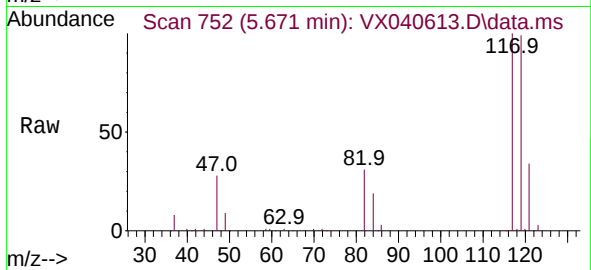




#31
Carbon tetrachloride
Concen: 48.914 ug/L
RT: 5.671 min Scan# 752
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

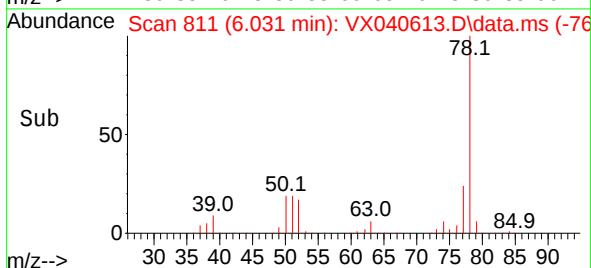
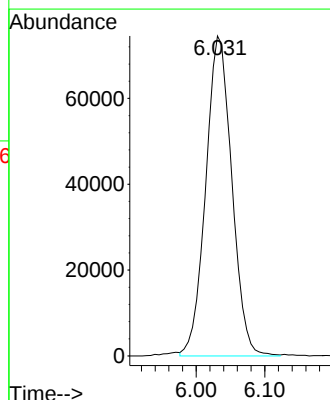
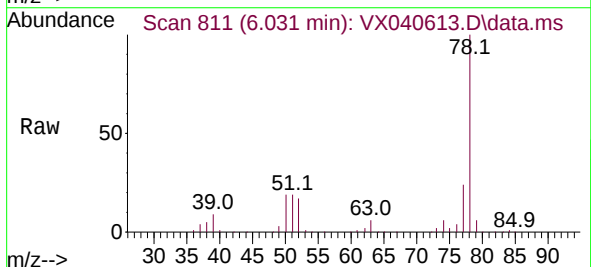
Instrument :
MSVOA_X
ClientSampleId :

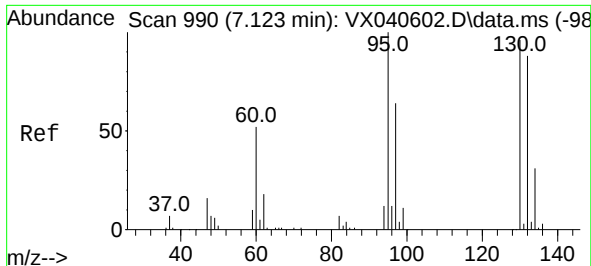
Tgt Ion:117 Resp: 76119
Ion Ratio Lower Upper
117 100
119 98.1 75.4 113.2



#33
Benzene
Concen: 49.398 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 78 Resp: 197560

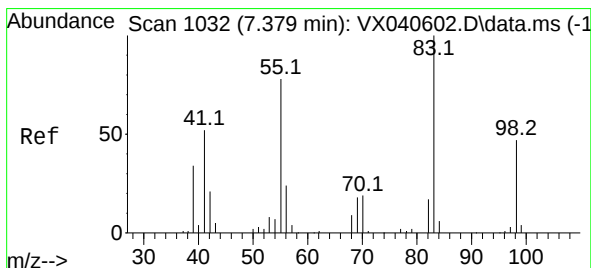
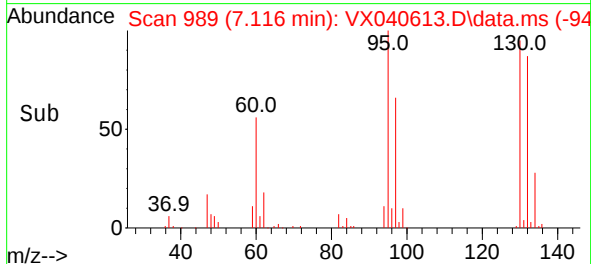
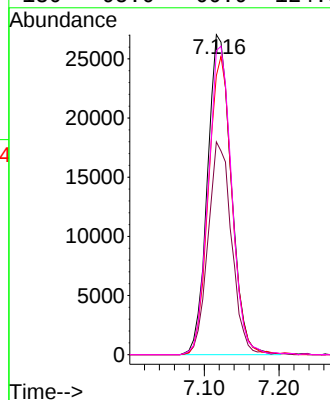
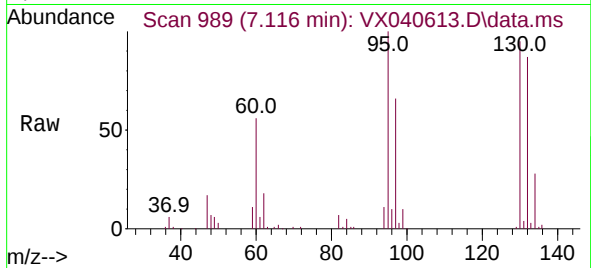




#34
Trichloroethene
Concen: 50.594 ug/L
RT: 7.116 min Scan# 990
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

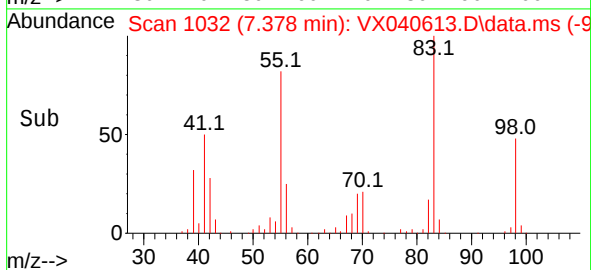
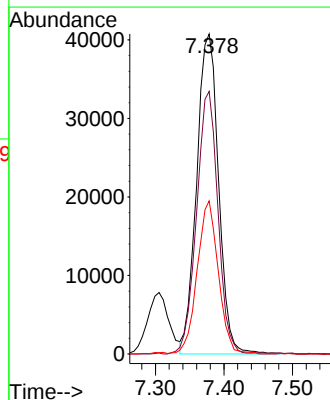
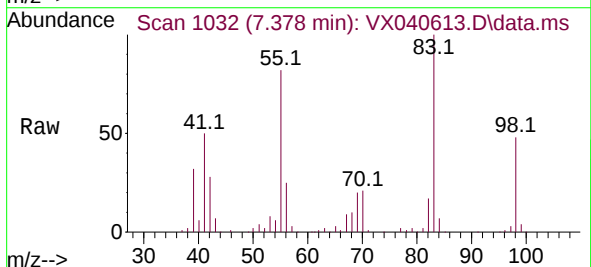
Instrument :
MSVOA_X
ClientSampleId :

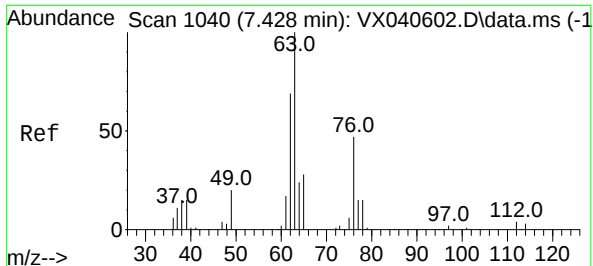
Tgt Ion: 95 Resp: 59734
Ion Ratio Lower Upper
95 100
97 66.5 44.7 83.1
132 87.2 61.5 114.3
130 95.0 66.9 124.3



#35
Methylcyclohexane
Concen: 52.633 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 83 Resp: 90811
Ion Ratio Lower Upper
83 100
55 80.0 62.6 94.0
98 46.1 37.4 56.2





#37

1,2-Dichloropropane

Concen: 51.798 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

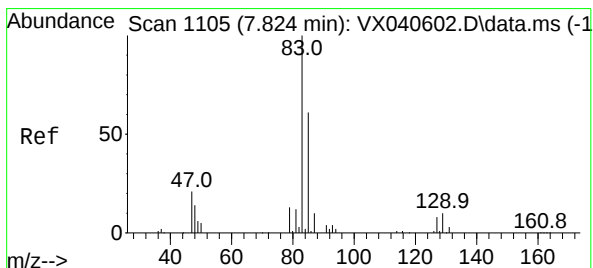
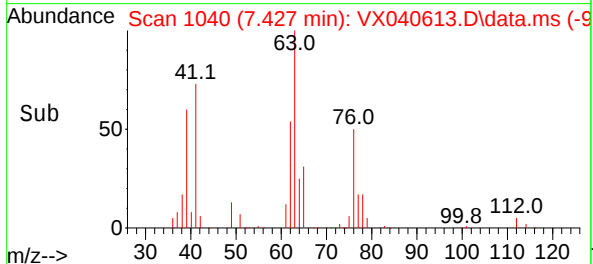
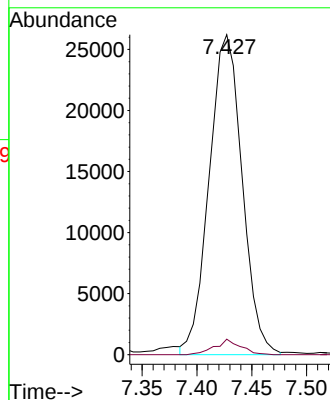
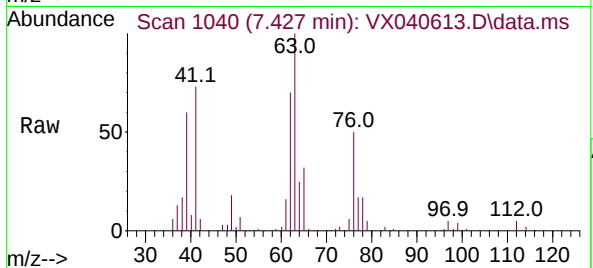
ClientSampleId :

Tgt Ion: 63 Resp: 54844

Ion Ratio Lower Upper

63 100

112 3.8 3.1 4.7



#38

Bromodichloromethane

Concen: 49.385 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.007 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

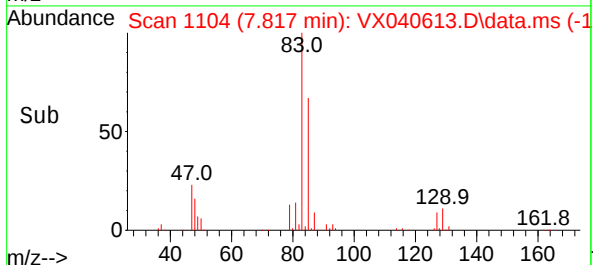
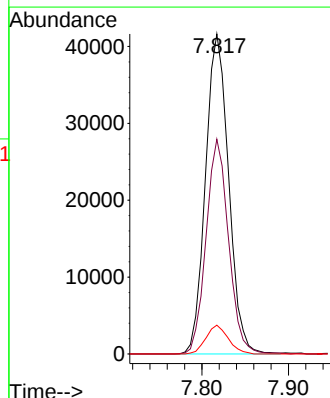
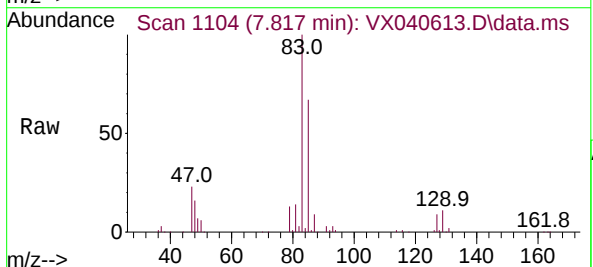
Tgt Ion: 83 Resp: 77337

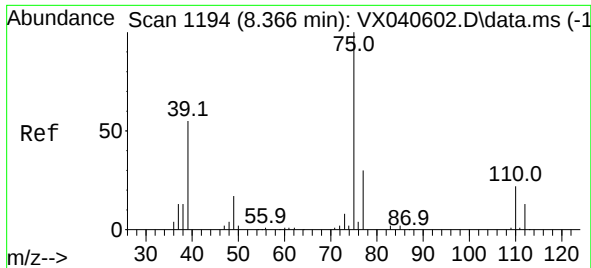
Ion Ratio Lower Upper

83 100

85 67.1 42.8 79.4

127 9.0 6.5 9.7

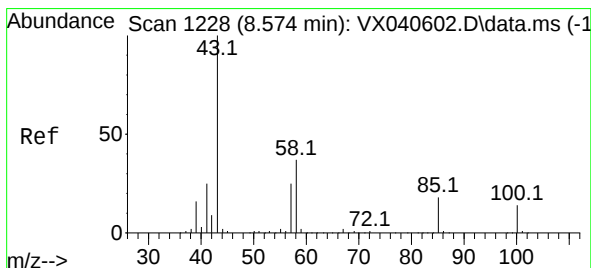
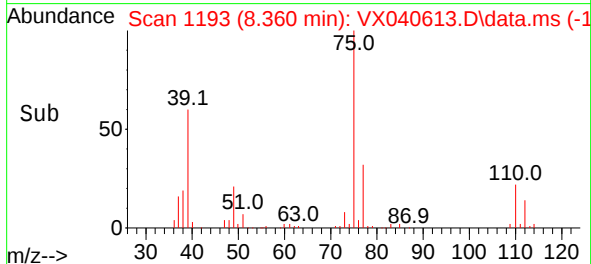
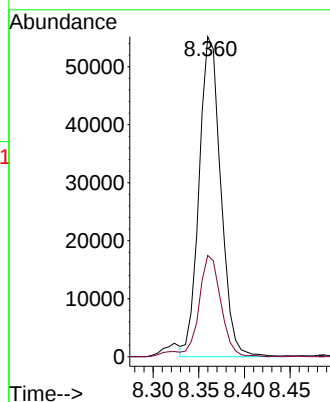
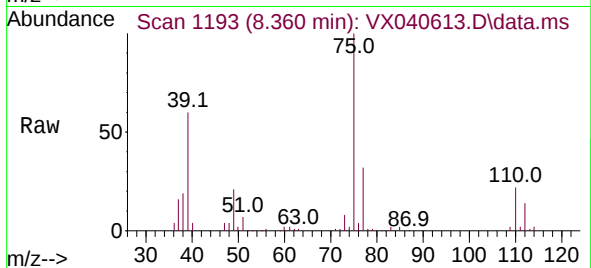




#39
cis-1,3-Dichloropropene
Concen: 51.068 ug/L
RT: 8.360 min Scan# 1194
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

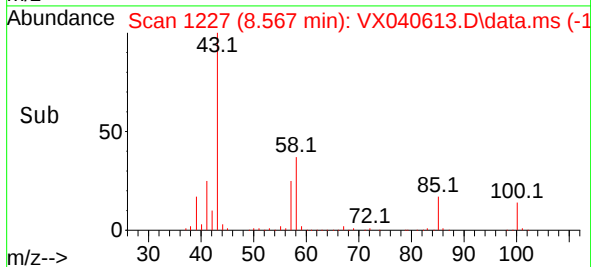
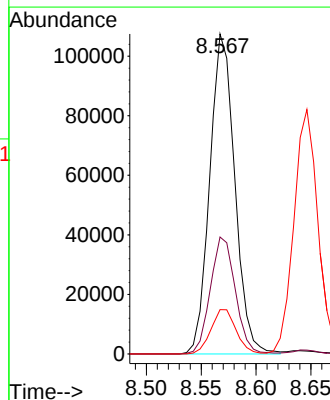
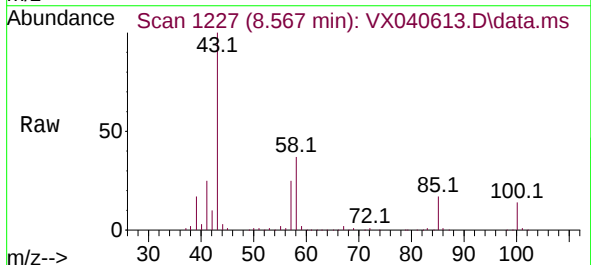
Instrument :
MSVOA_X
ClientSampleId :

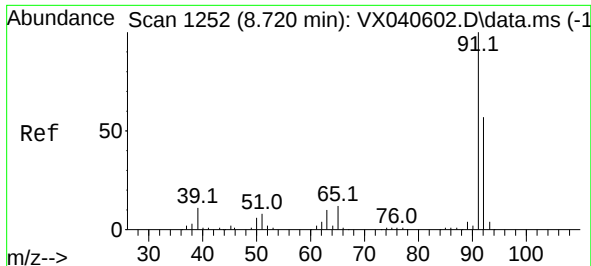
Tgt Ion: 75 Resp: 91034
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.3



#40
4-Methyl-2-pentanone
Concen: 94.236 ug/L
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 43 Resp: 171051
Ion Ratio Lower Upper
43 100
58 36.5 29.3 43.9
100 14.0 10.7 16.1





#42

Toluene

Concen: 49.014 ug/L

RT: 8.713 min Scan# 1251

Delta R.T. -0.007 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

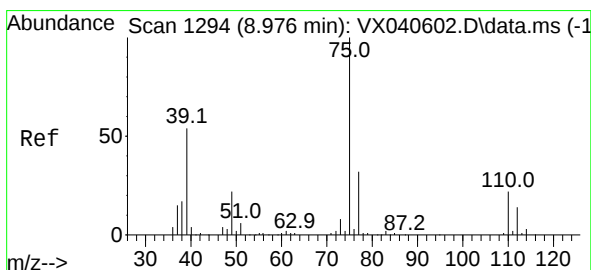
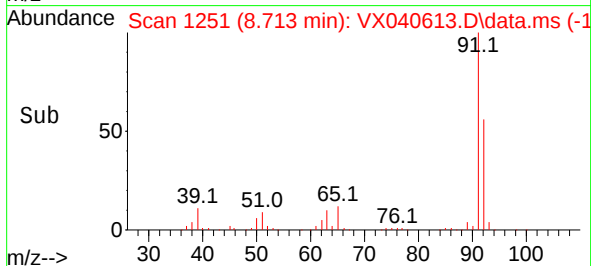
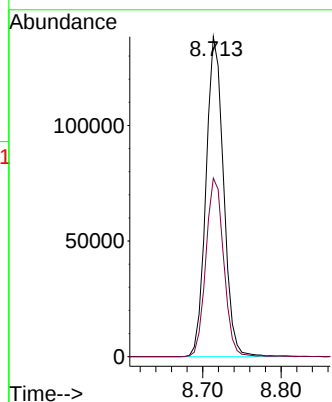
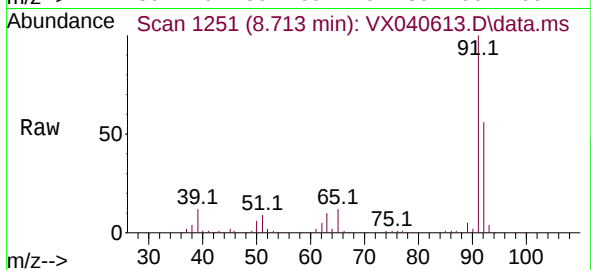
ClientSampleId :

Tgt Ion: 91 Resp: 215049

Ion Ratio Lower Upper

91 100

92 55.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.576 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.001 min

Lab File: VX040613.D

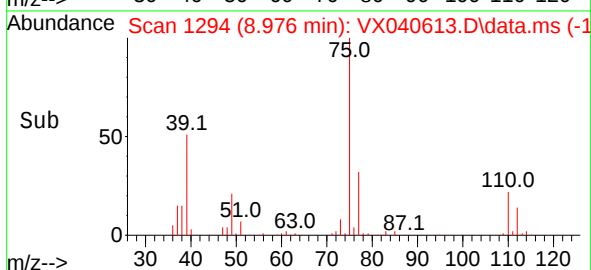
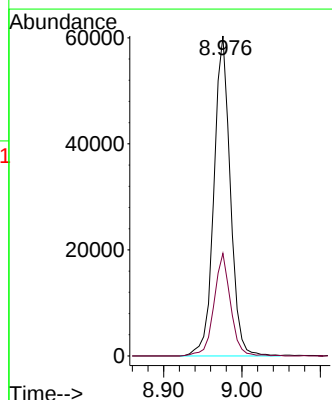
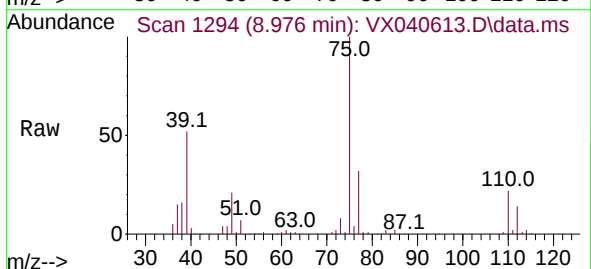
Acq: 07 Mar 2024 09:01

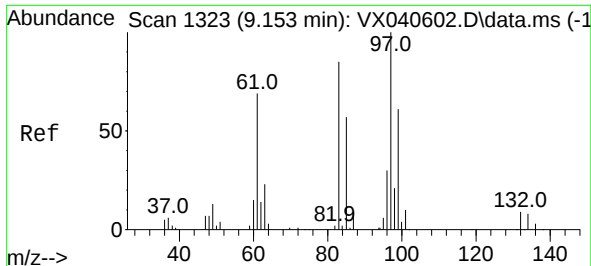
Tgt Ion: 75 Resp: 87815

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



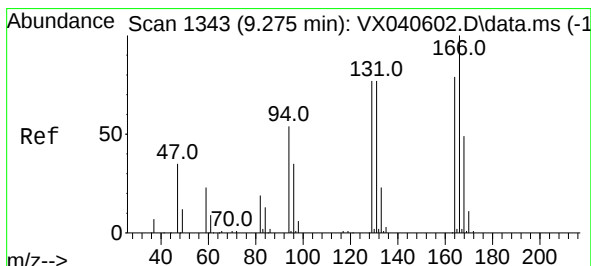
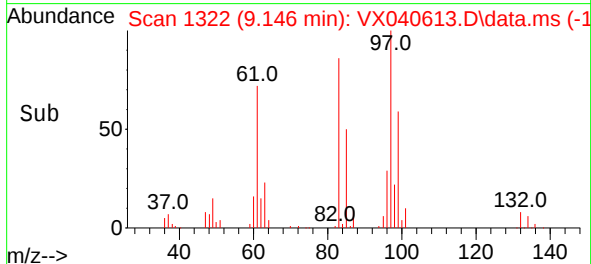
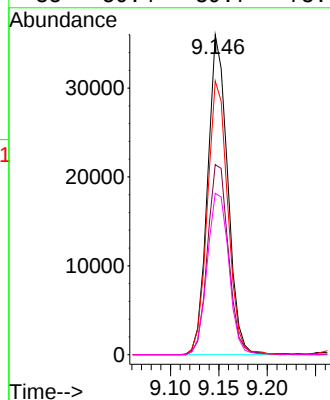
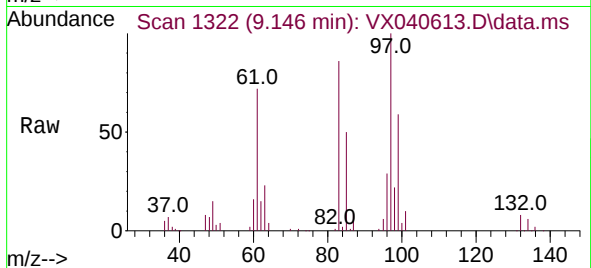


#45
1,1,2-Trichloroethane
Concen: 47.596 ug/L
RT: 9.146 min Scan# 1322
Delta R.T. -0.007 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 52021

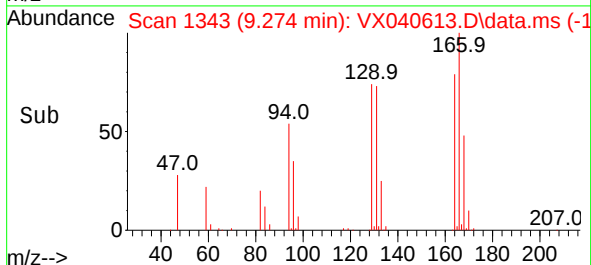
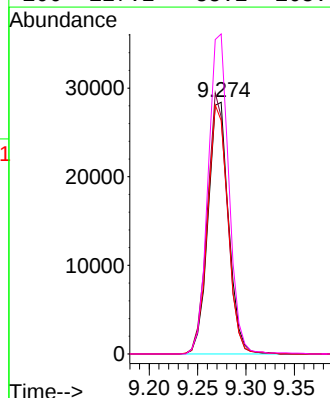
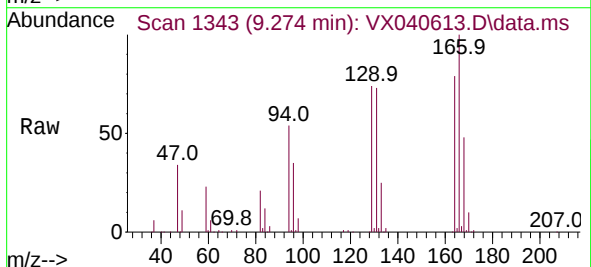
Ion	Ratio	Lower	Upper
97	100		
99	59.4	42.6	79.0
83	85.5	59.2	110.0
85	50.4	39.7	73.7

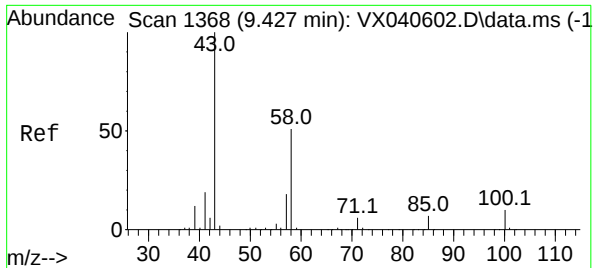


#46
Tetrachloroethene
Concen: 49.541 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 164 Resp: 41996

Ion	Ratio	Lower	Upper
164	100		
129	94.2	67.8	126.0
131	92.7	67.8	126.0
166	127.2	88.2	163.8



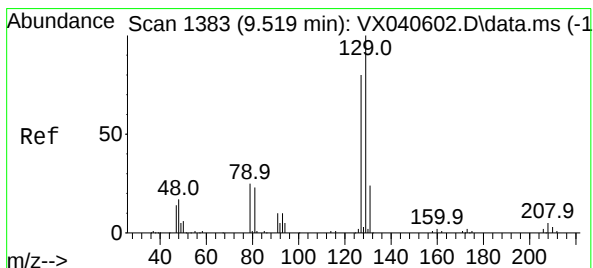
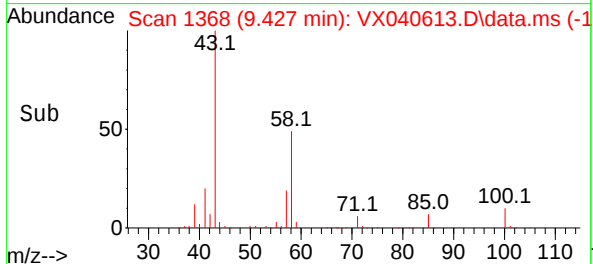
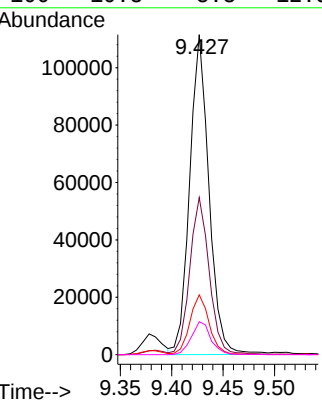
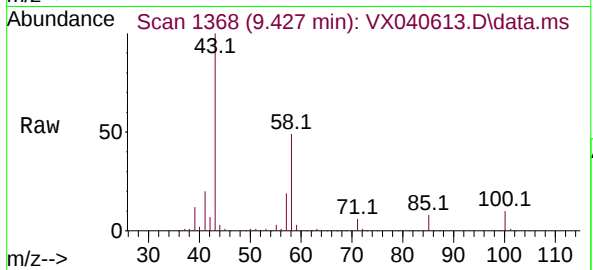


#48
2-Hexanone
Concen: 97.222 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 146230

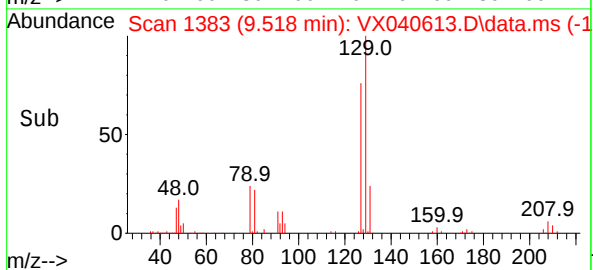
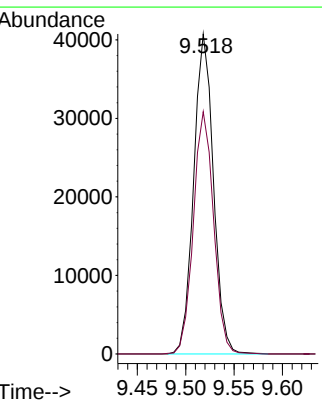
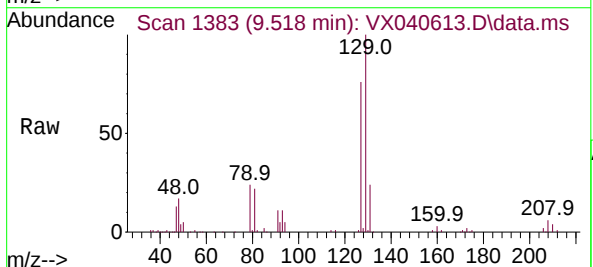
Ion	Ratio	Lower	Upper
43	100		
58	49.3	41.0	61.6
57	18.7	14.8	22.2
100	10.3	8.3	12.5

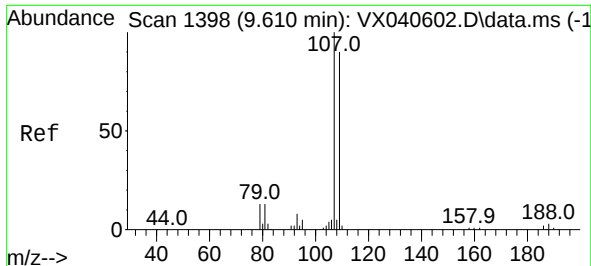


#49
Dibromochloromethane
Concen: 50.761 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 129 Resp: 57971

Ion	Ratio	Lower	Upper
129	100		
127	75.7	55.8	103.6





#50

1,2-Dibromoethane

Concen: 48.633 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.001 min

Lab File: VX040613.D

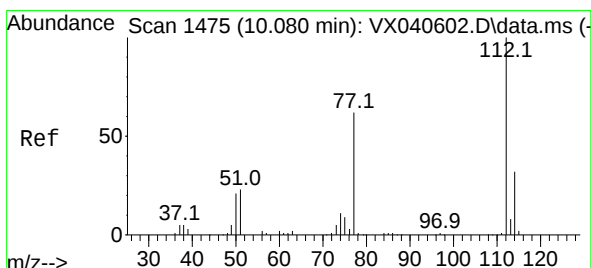
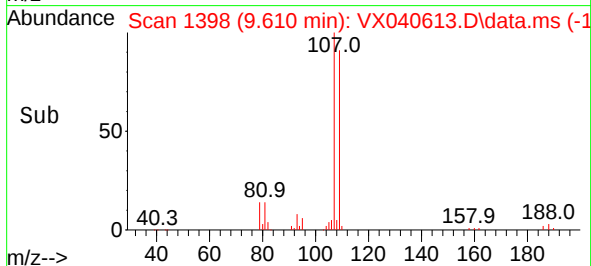
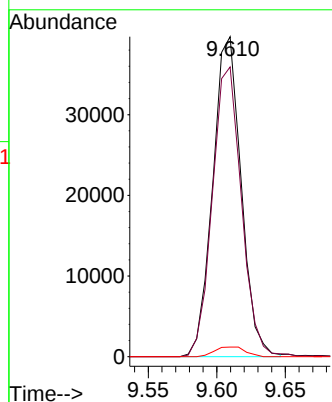
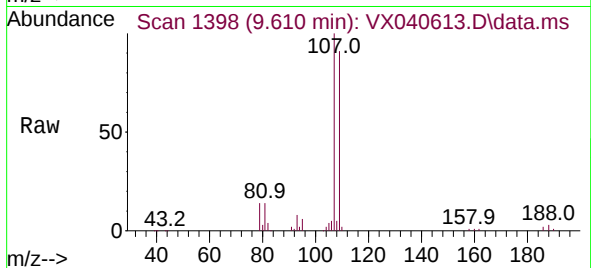
Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	57163
Ion Ratio	Lower	Upper
107	100	
109	90.5	62.9 116.7
188	3.0	2.5 3.7



#51

Chlorobenzene

Concen: 50.734 ug/L

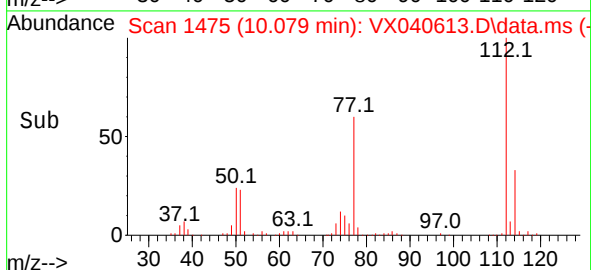
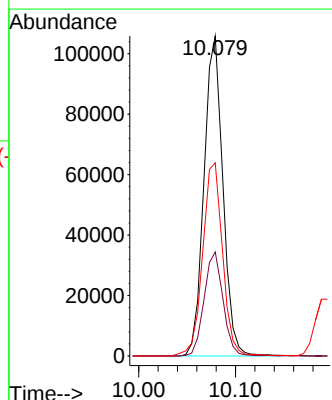
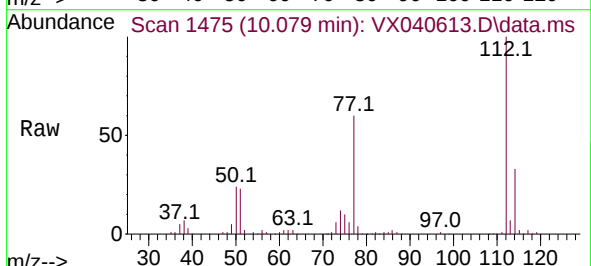
RT: 10.079 min Scan# 1475

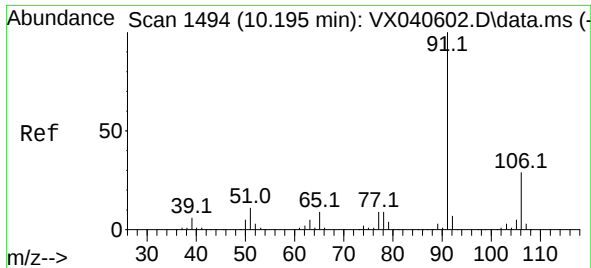
Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Tgt Ion:112	Resp:	144215
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.4 41.6
77	60.4	50.6 75.8

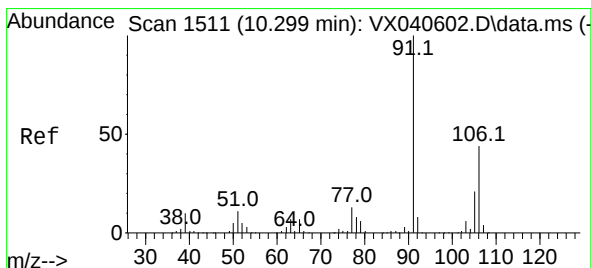
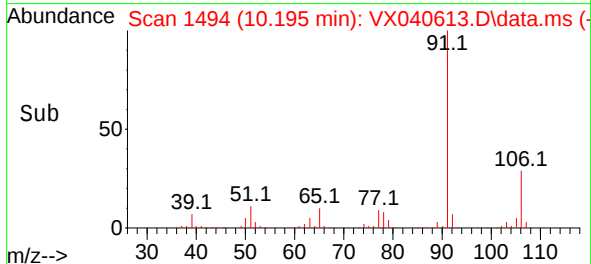
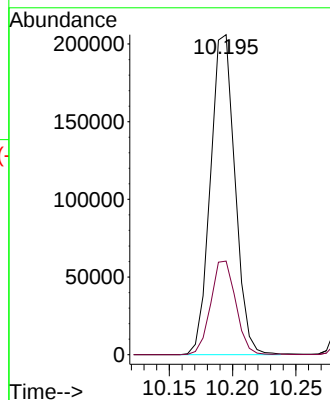
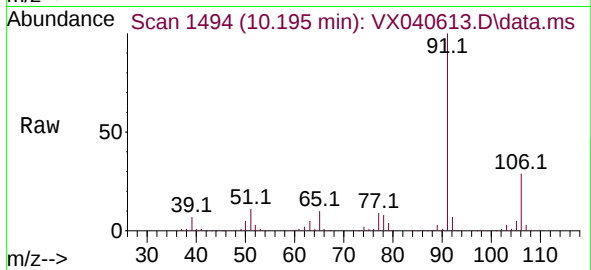




#52
Ethylbenzene
Concen: 53.908 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

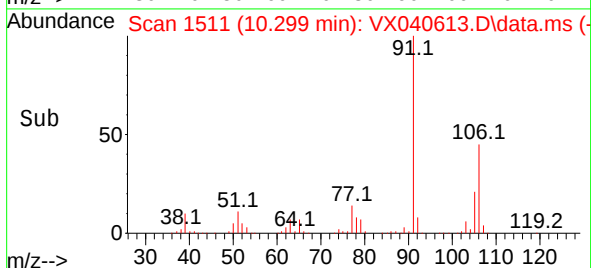
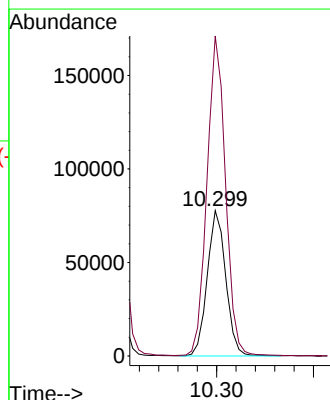
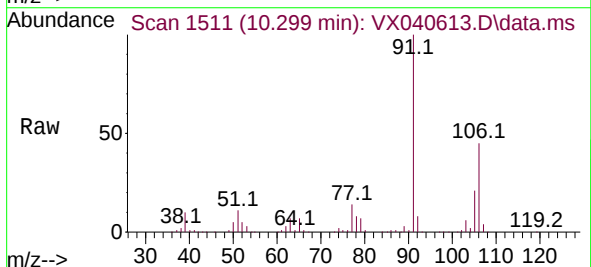
Instrument :
MSVOA_X
ClientSampleId :

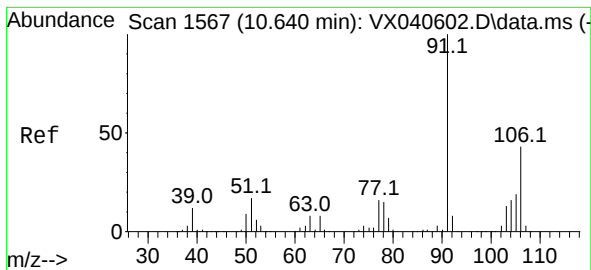
Tgt Ion: 91 Resp: 277947
Ion Ratio Lower Upper
91 100
106 29.3 20.6 38.4



#53
m,p-Xylene
Concen: 55.301 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion: 106 Resp: 103658
Ion Ratio Lower Upper
106 100
91 220.3 160.4 298.0





#54

o-Xylene

Concen: 55.816 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

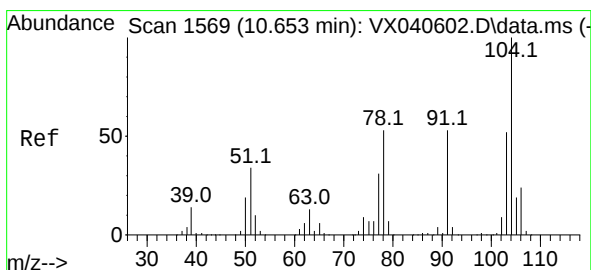
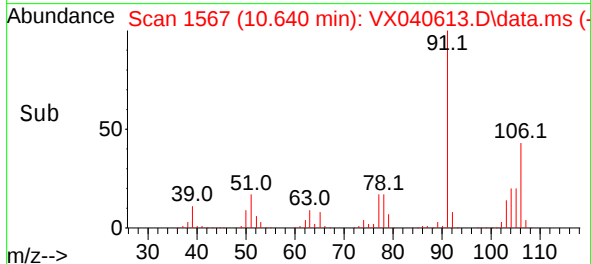
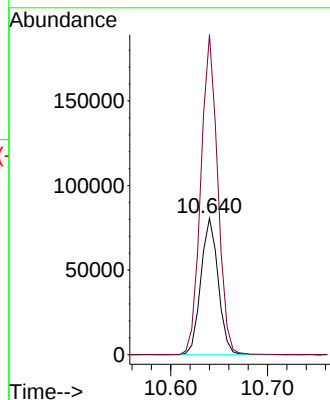
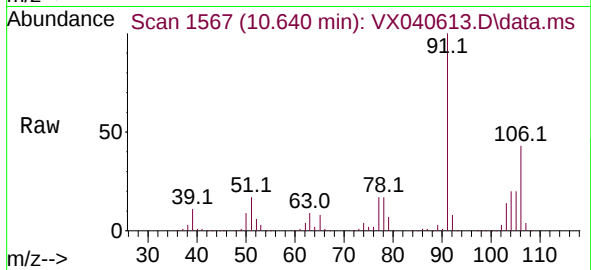
ClientSampleId :

Tgt Ion:106 Resp: 100429

Ion Ratio Lower Upper

106 100

91 234.4 161.7 300.3



#55

Styrene

Concen: 55.119 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX040613.D

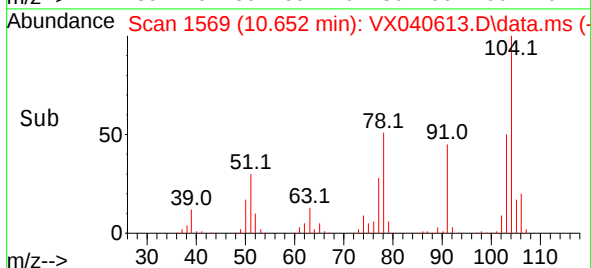
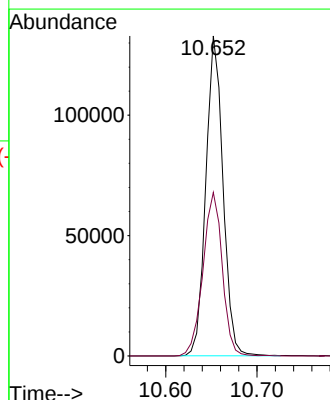
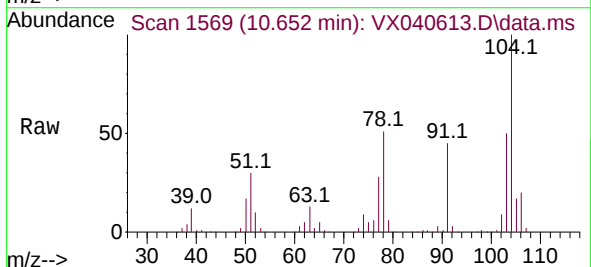
Acq: 07 Mar 2024 09:01

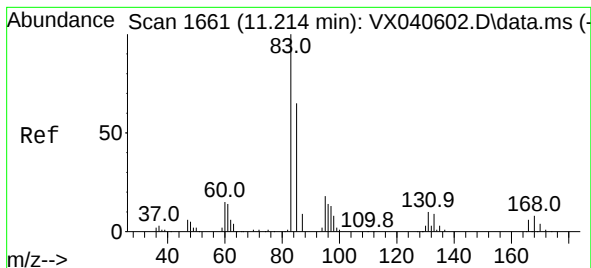
Tgt Ion:104 Resp: 172820

Ion Ratio Lower Upper

104 100

78 51.1 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 53.239 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

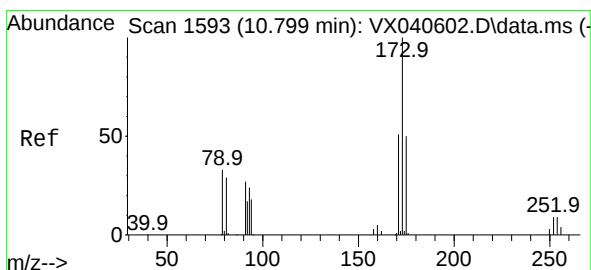
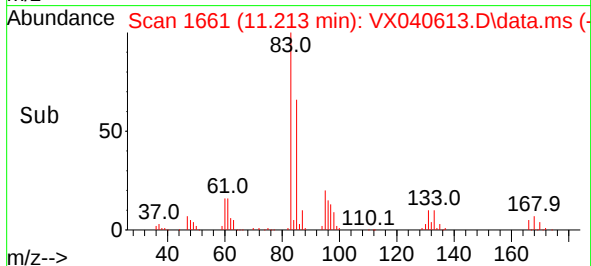
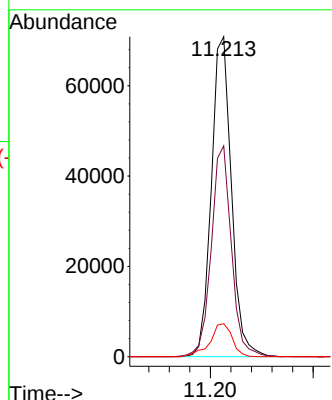
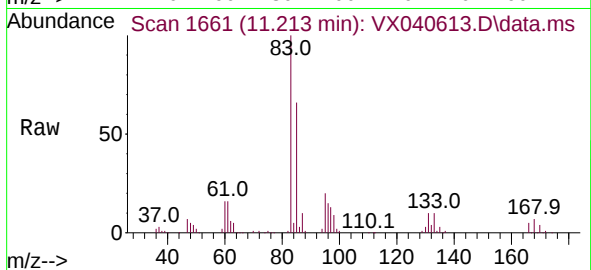
Tgt Ion: 83 Resp: 95911

Ion Ratio Lower Upper

83 100

85 65.9 45.2 84.0

131 10.3 8.2 12.2



#59

Bromoform

Concen: 50.742 ug/L

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

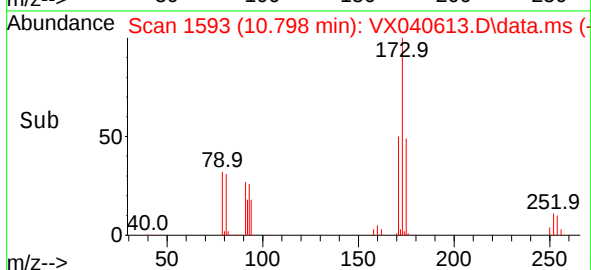
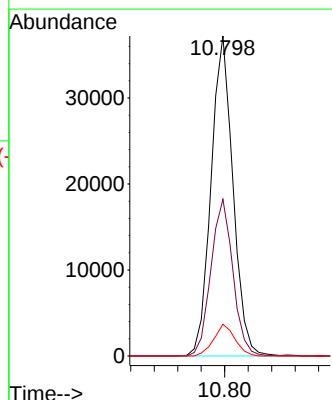
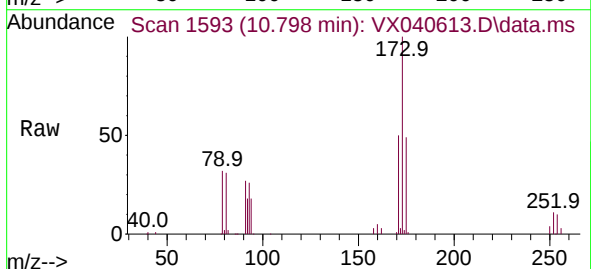
Tgt Ion:173 Resp: 48179

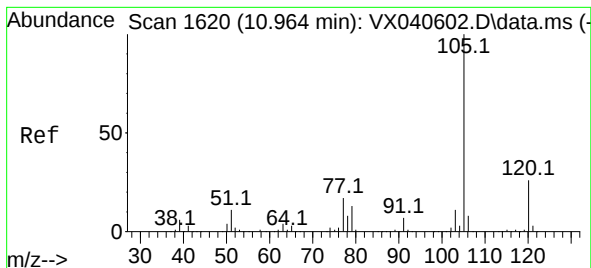
Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.0

254 9.6 7.9 11.9





#60

Isopropylbenzene

Concen: 51.593 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

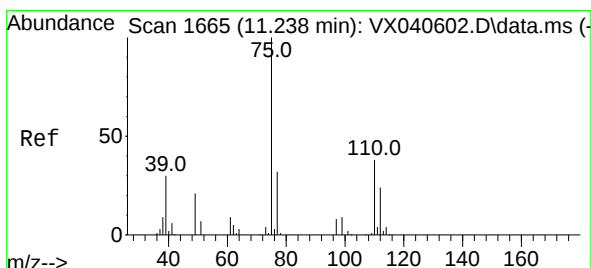
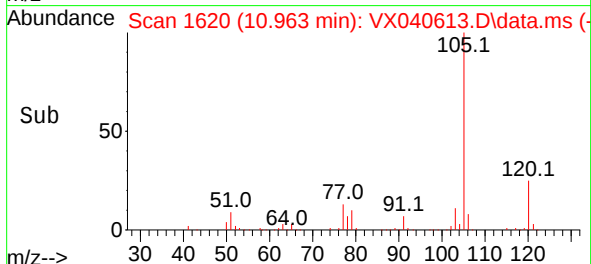
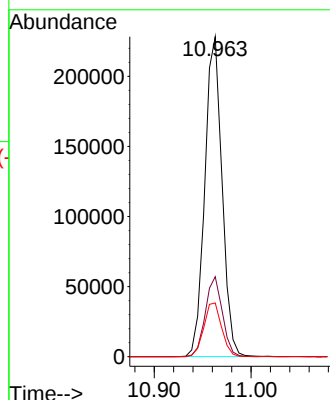
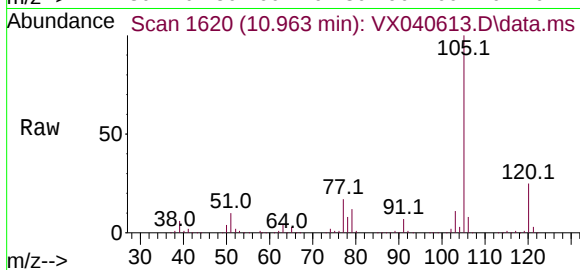
Tgt Ion:105 Resp: 283556

Ion Ratio Lower Upper

105 100

120 24.8 20.1 30.1

77 17.4 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 48.472 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

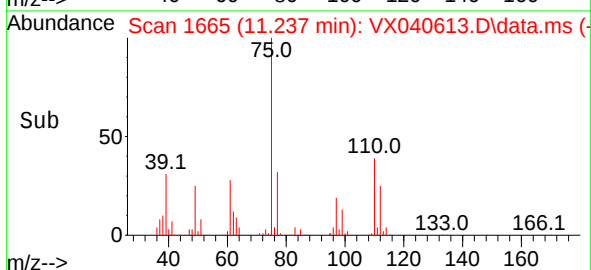
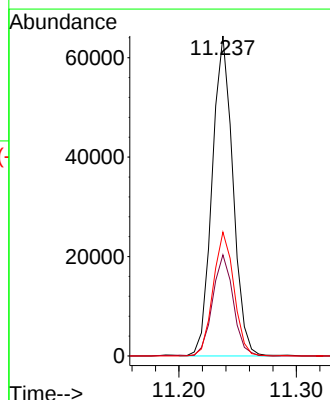
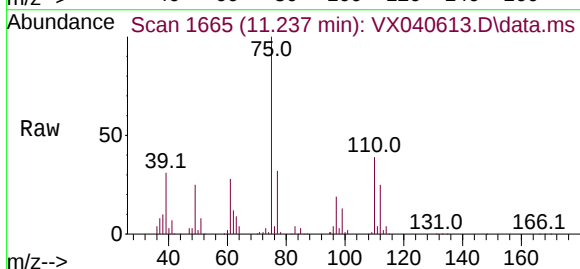
Tgt Ion: 75 Resp: 79072

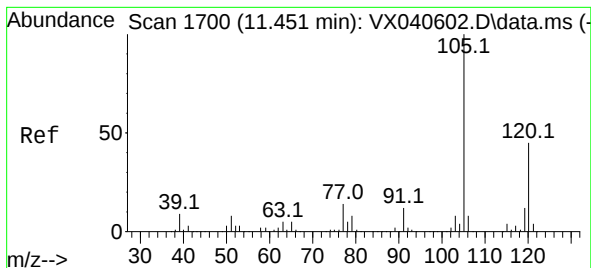
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

110 38.6 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 52.305 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

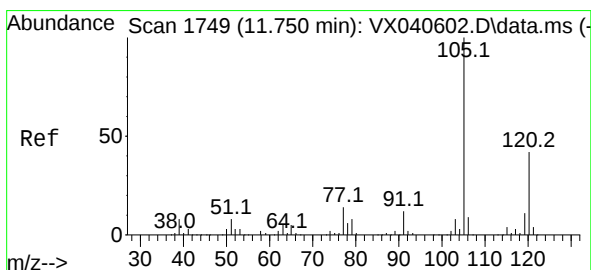
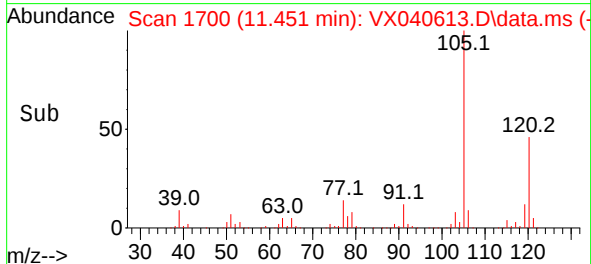
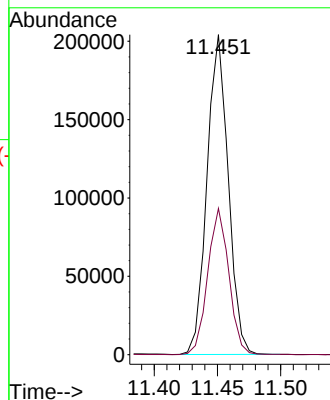
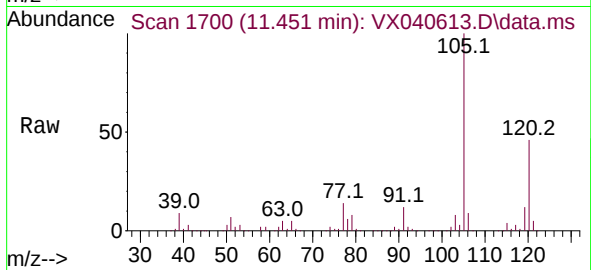
ClientSampleId :

Tgt Ion:105 Resp: 238340

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 51.841 ug/L

RT: 11.749 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VX040613.D

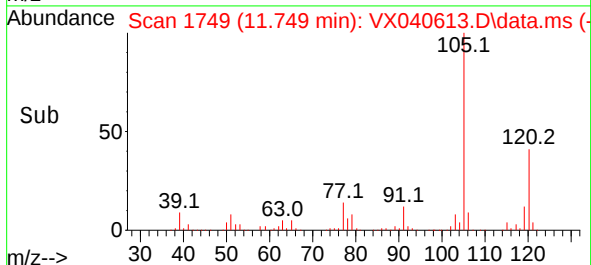
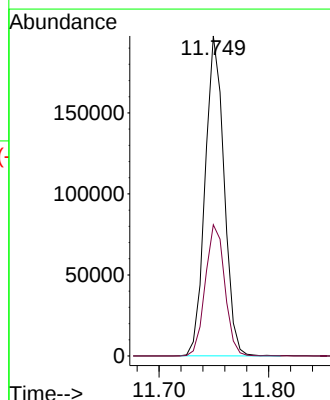
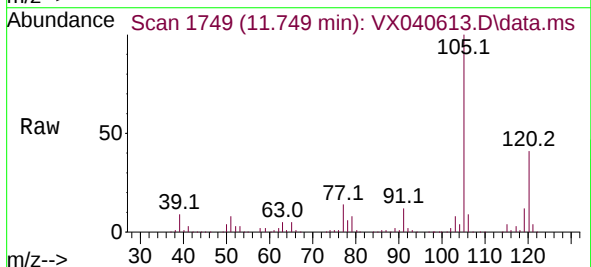
Acq: 07 Mar 2024 09:01

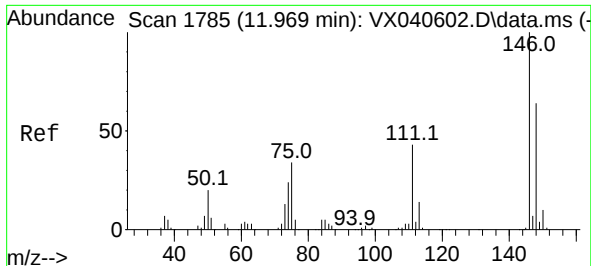
Tgt Ion:105 Resp: 236212

Ion Ratio Lower Upper

105 100

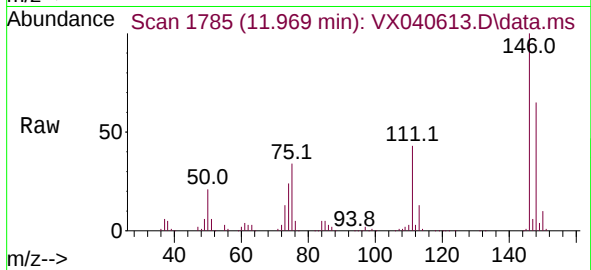
120 42.2 33.9 50.9



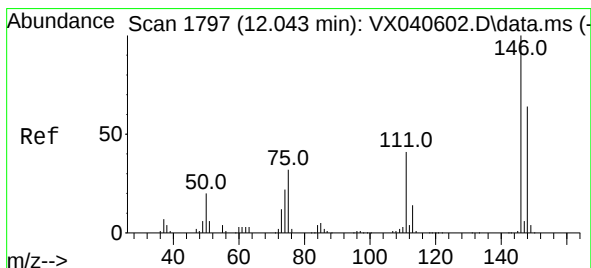
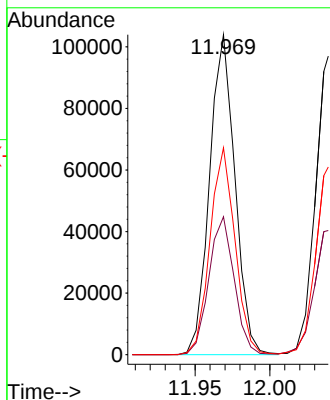
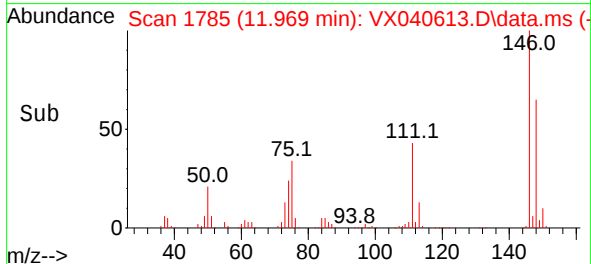


#64
1,3-Dichlorobenzene
Concen: 51.009 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

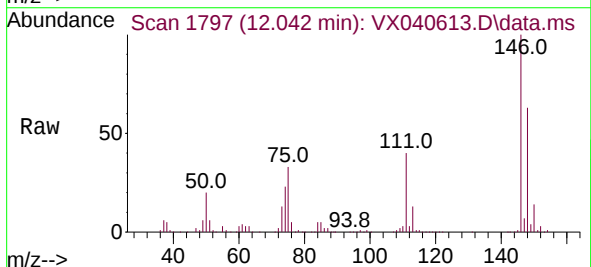
Instrument :
MSVOA_X
ClientSampleId :



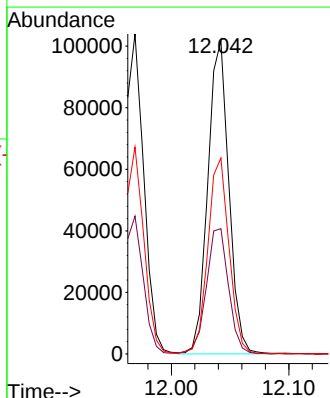
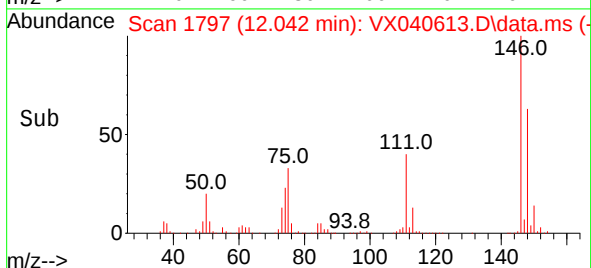
Tgt Ion:146 Resp: 122737
Ion Ratio Lower Upper
146 100
111 43.1 30.0 55.6
148 64.7 44.8 83.2

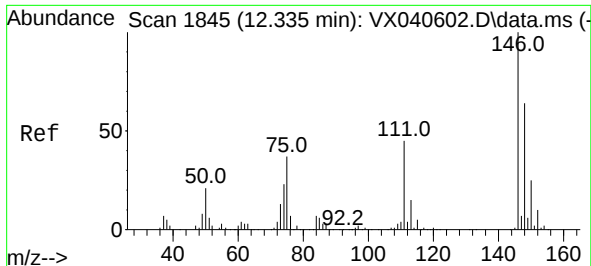


#65
1,4-Dichlorobenzene
Concen: 51.657 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01



Tgt Ion:146 Resp: 126402
Ion Ratio Lower Upper
146 100
111 40.0 28.8 53.4
148 62.5 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 47.003 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :

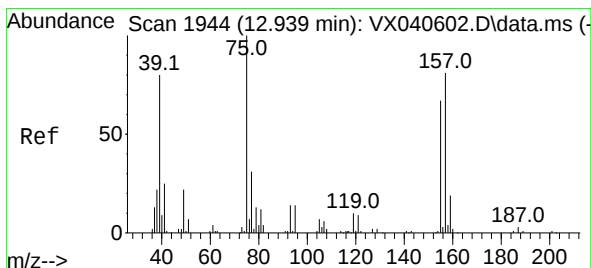
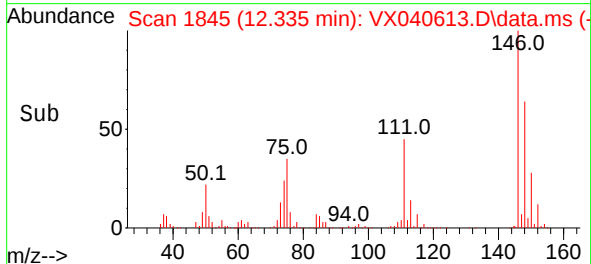
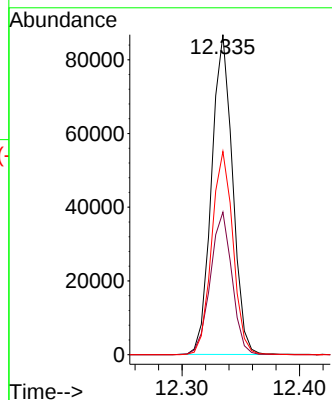
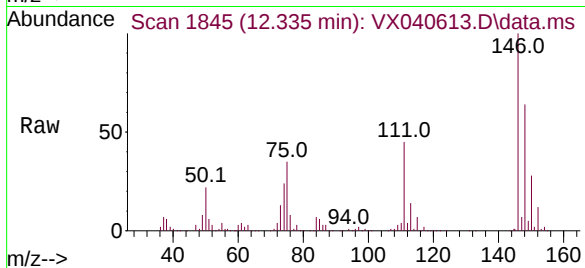
Tgt Ion:146 Resp: 107544

Ion Ratio Lower Upper

146 100

111 44.5 35.8 53.8

148 63.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 45.156 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

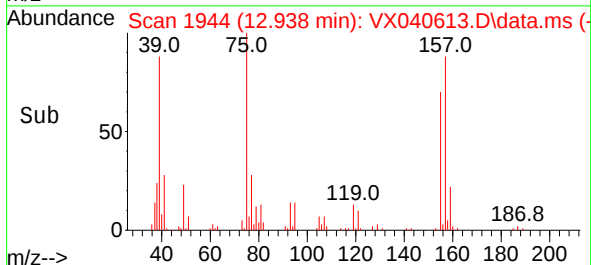
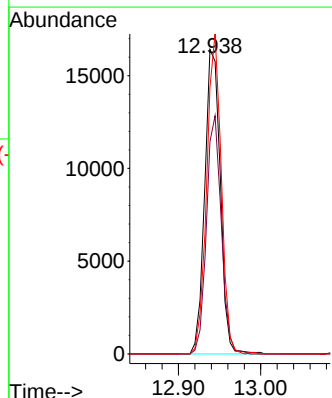
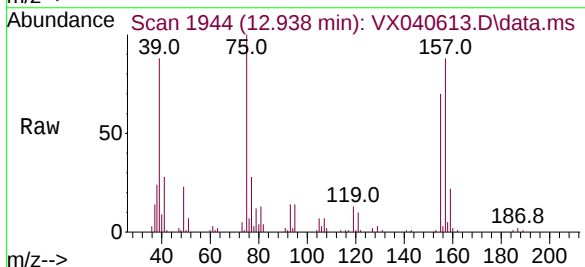
Tgt Ion: 75 Resp: 21564

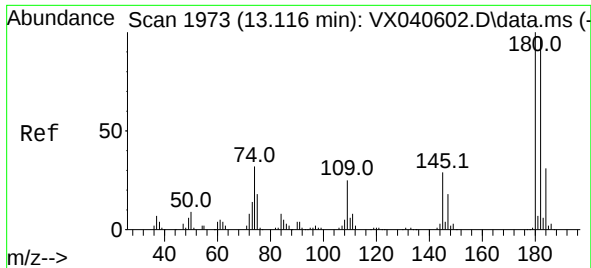
Ion Ratio Lower Upper

75 100

155 69.8 53.9 80.9

157 87.6 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 48.620 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.007 min

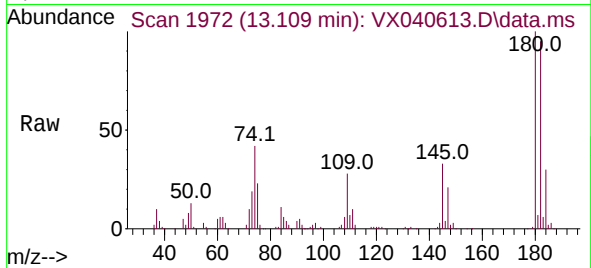
Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 78529

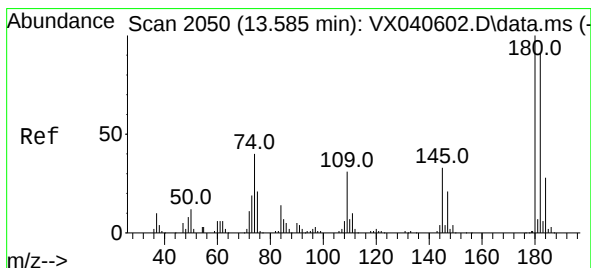
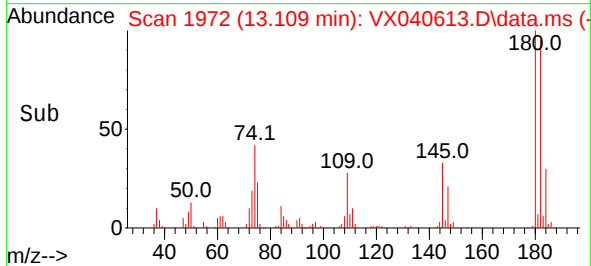
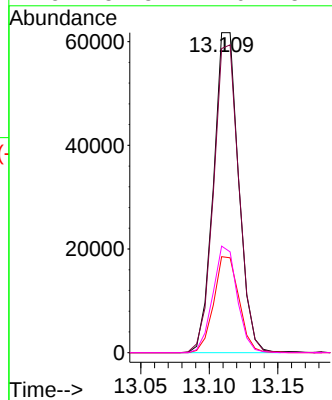
Ion Ratio Lower Upper

180 100

182 96.8 76.6 115.0

184 30.2 24.3 36.5

145 32.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 49.170 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.001 min

Lab File: VX040613.D

Acq: 07 Mar 2024 09:01

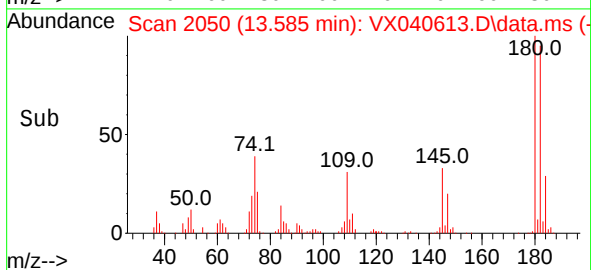
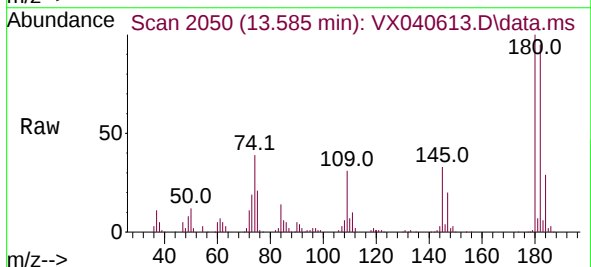
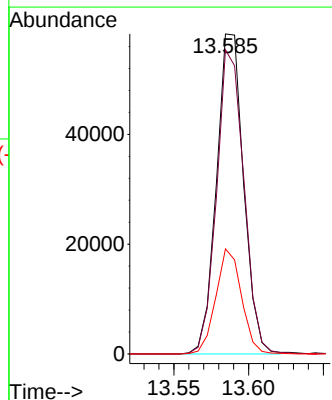
Tgt Ion:180 Resp: 73648

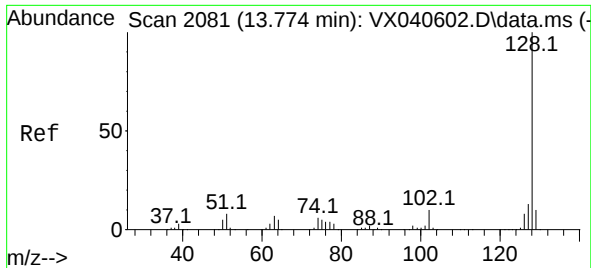
Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

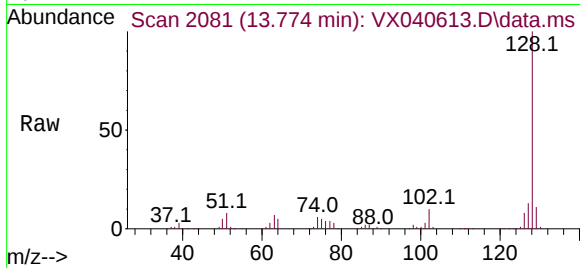
145 31.0 26.2 39.4



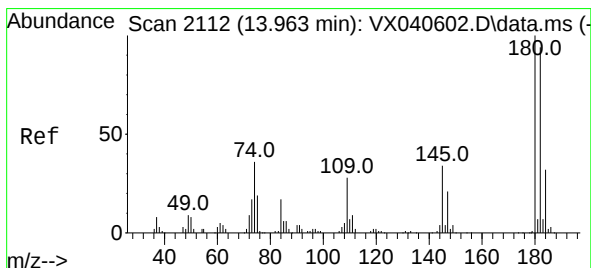
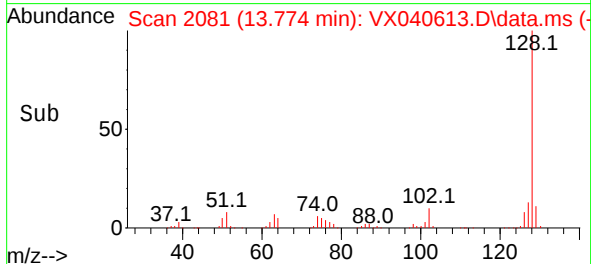
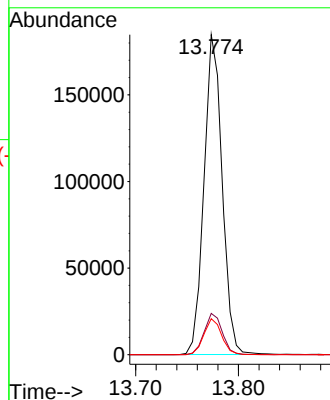


#71
Naphthalene
Concen: 47.721 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 227190
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.467 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.001 min
Lab File: VX040613.D
Acq: 07 Mar 2024 09:01

Tgt Ion:180 Resp: 71511
Ion Ratio Lower Upper
180 100
182 96.0 76.9 115.3
145 34.3 27.8 41.8

