

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040617.D
 Acq On : 07 Mar 2024 13:26
 Operator : JC/MD
 Sample : P1601-06
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 01:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	162629	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	146677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76643	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67954	47.668	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.340%
7) Chloroethane-d5	1.666	69	51902	45.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.307	65	30915	47.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.220%
21) 2-Butanone-d5	4.452	46	116613	106.598	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.172	84	212	0.080	ug/L	0.12
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.160%#
26) 1,2-Dichloroethane-d4	5.952	65	99671	50.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.860%
32) Benzene-d6	5.971	84	247317	54.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.920%
36) 1,2-Dichloropropane-d6	7.306	67	77738	55.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.480%
41) Toluene-d8	8.647	98	226189	52.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.320%
43) trans-1,3-Dichloroprop...	8.946	79	39900	53.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.500%
47) 2-Hexanone-d5	9.378	63	84814	110.214	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.210%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	114335	54.755	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.500%
66) 1,2-Dichlorobenzene-d4	12.317	152	85228	53.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.180%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	4138	2.851	ug/L 91
3) Chloromethane	1.301	50	3679	2.916	ug/L 95
5) Vinyl chloride	1.374	62	4370	3.201	ug/L 93
6) Bromomethane	1.605	94	2370	3.270	ug/L 78
8) Chloroethane	1.685	64	2030	2.593	ug/L 94
9) Trichlorofluoromethane	1.886	101	5524	2.908	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	4164	3.696	ug/L # 84
12) 1,1-Dichloroethene	2.313	96	3671	3.703	ug/L # 1
13) Acetone	2.380	43	4427	5.667	ug/L 97
14) Carbon disulfide	2.514	76	8532	2.974	ug/L 100
15) Methyl Acetate	2.703	43	3762	2.853	ug/L 94
16) Methylene chloride	2.788	84	3739	3.425	ug/L 78
17) trans-1,2-Dichloroethene	3.087	96	2784	2.736	ug/L # 76
18) Methyl tert-butyl Ether	3.117	73	9600	2.728	ug/L # 92
19) 1,1-Dichloroethane	3.605	63	5780	2.923	ug/L 97
20) cis-1,2-Dichloroethene	4.489	96	3473	3.043	ug/L 81
22) 2-Butanone	4.568	43	5582	5.396	ug/L 92
23) Bromochloromethane	4.898	128	1755	3.015	ug/L # 82
25) Chloroform	5.087	83	9974	4.470	ug/L 92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040617.D
 Acq On : 07 Mar 2024 13:26
 Operator : JC/MD
 Sample : P1601-06
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 01:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

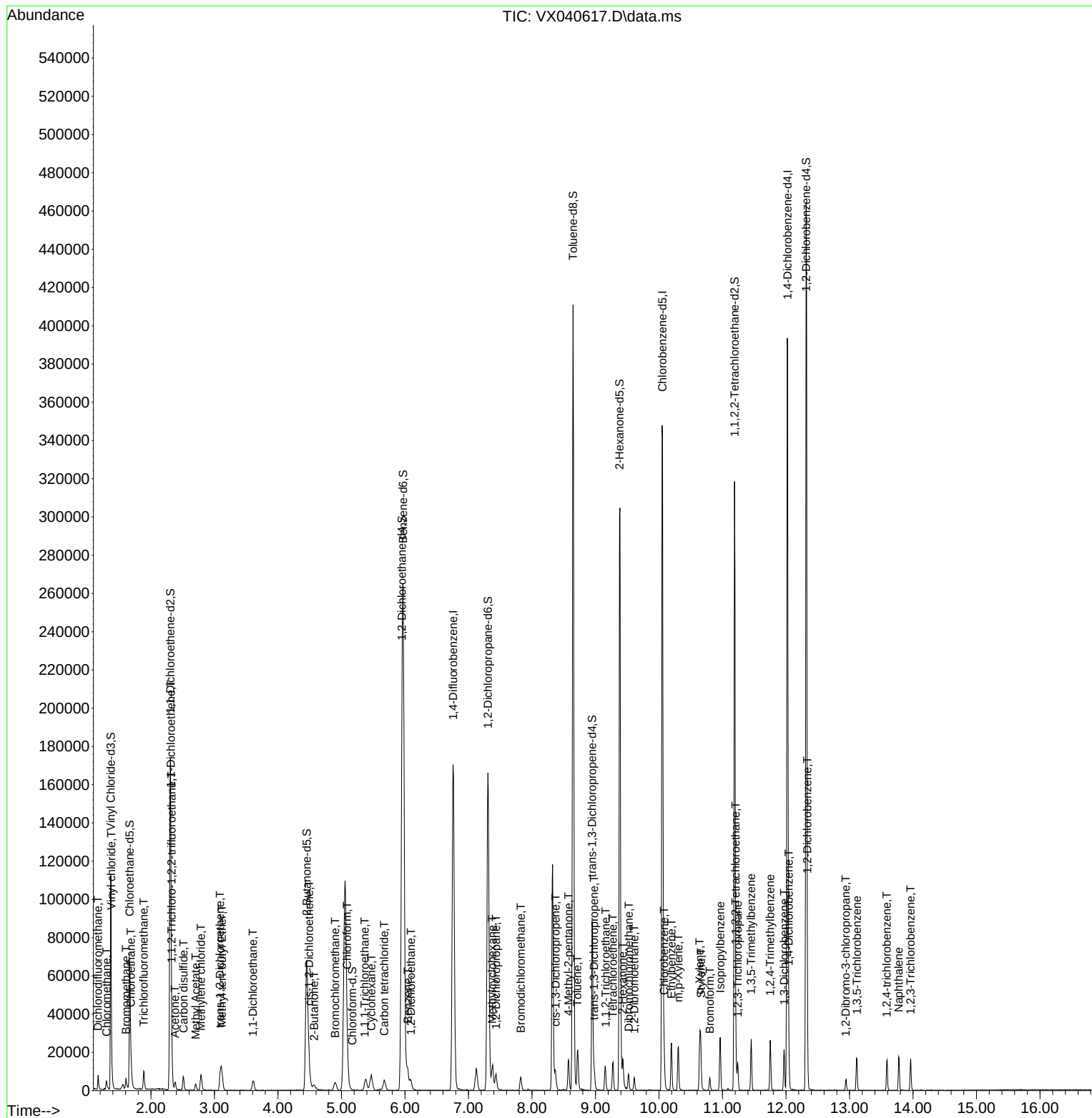
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	6086	3.104	ug/L #	95
29) Cyclohexane	5.471	56	5098	3.163	ug/L #	48
30) 1,1,1-Trichloroethane	5.367	97	2140	1.171	ug/L #	1
31) Carbon tetrachloride	5.672	117	4571	2.981	ug/L	97
33) Benzene	6.044	78	12205	3.098	ug/L	100
35) Methylcyclohexane	7.373	83	4929	2.900	ug/L	91
37) 1,2-Dichloropropane	7.434	63	3113	2.984	ug/L #	88
38) Bromodichloromethane	7.824	83	4475	2.900	ug/L	98
39) cis-1,3-Dichloropropene	8.373	75	5020	2.858	ug/L	91
40) 4-Methyl-2-pentanone	8.574	43	9806	5.483	ug/L	99
42) Toluene	8.714	91	13661	3.160	ug/L	84
44) trans-1,3-Dichloropropene	8.976	75	4686	2.739	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	3175	2.948	ug/L	87
46) Tetrachloroethene	9.275	164	2772	3.319	ug/L	91
48) 2-Hexanone	9.427	43	8442	5.697	ug/L	98
49) Dibromochloromethane	9.525	129	3252	2.890	ug/L	98
50) 1,2-Dibromoethane	9.610	107	3430	2.962	ug/L #	92
51) Chlorobenzene	10.080	112	8182	2.922	ug/L	94
52) Ethylbenzene	10.195	91	14040	2.764	ug/L	98
53) m,p-Xylene	10.305	106	5009	2.712	ug/L	98
54) o-Xylene	10.640	106	4976	2.807	ug/L	97
55) Styrene	10.659	104	8755	2.834	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	5890	3.319	ug/L	96
59) Bromoform	10.799	173	2279	2.564	ug/L	95
60) Isopropylbenzene	10.964	105	14338	2.786	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	4463	2.922	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	11579	2.714	ug/L	94
63) 1,2,4-Trimethylbenzene	11.750	105	11285	2.645	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	6551	2.908	ug/L	90
65) 1,4-Dichlorobenzene	12.043	146	7190	3.138	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	6640	3.100	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	1076	2.407	ug/L #	92
69) 1,3,5-Trichlorobenzene	13.116	180	4360	2.883	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	3737	2.665	ug/L	97
71) Naphthalene	13.774	128	10866	2.438	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	3804	2.754	ug/L	96

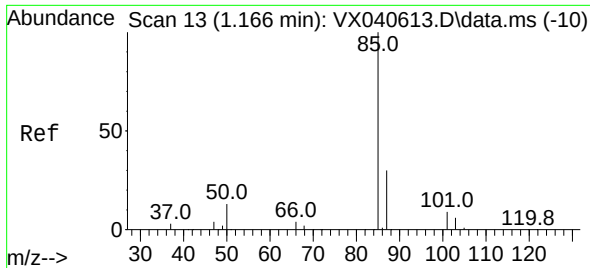
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
Data File : VX040617.D
Acq On : 07 Mar 2024 13:26
Operator : JC/MD
Sample : P1601-06
Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 08 01:29:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 01:27:40 2024
Response via : Initial Calibration

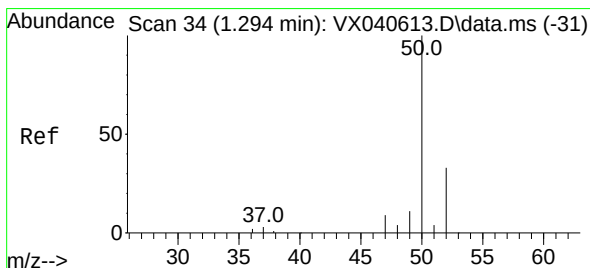
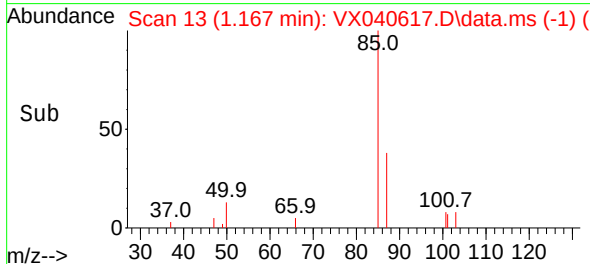
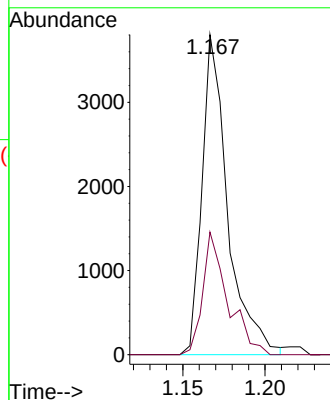
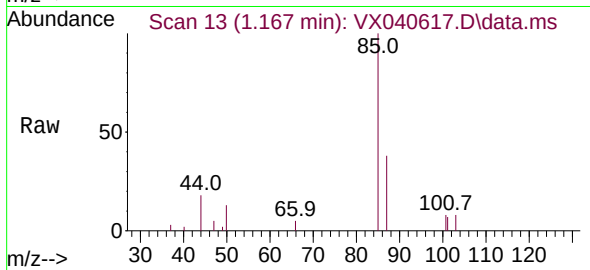




#2
Dichlorodifluoromethane
Concen: 2.851 ug/L
RT: 1.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

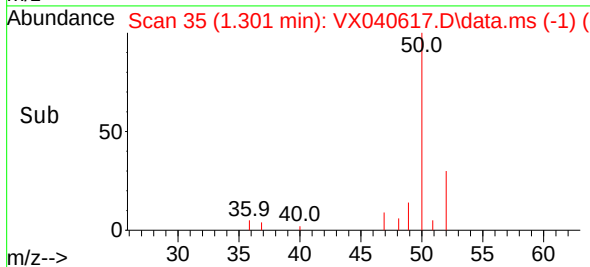
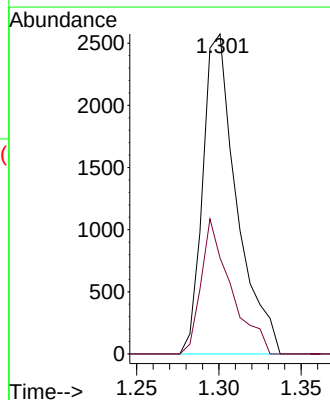
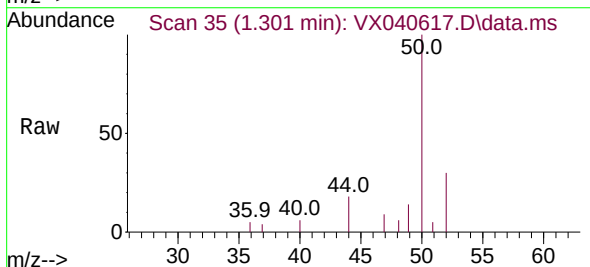
Instrument :
MSVOA_X
ClientSampleId :

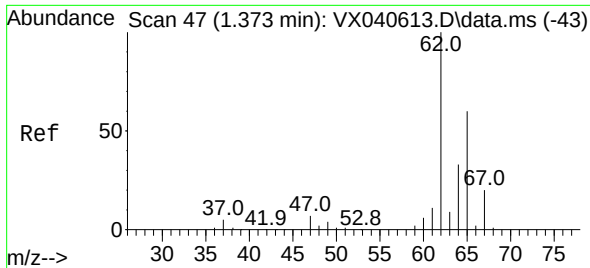
Tgt Ion: 85 Resp: 4138
Ion Ratio Lower Upper
85 100
87 37.4 26.1 39.1



#3
Chloromethane
Concen: 2.916 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

Tgt Ion: 50 Resp: 3679
Ion Ratio Lower Upper
50 100
52 30.0 23.1 42.9

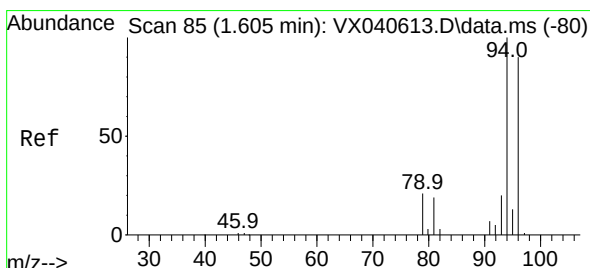
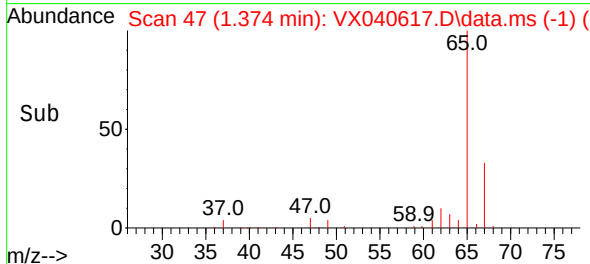
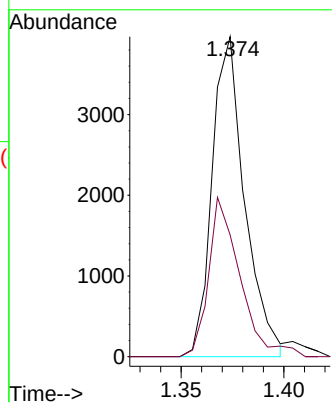
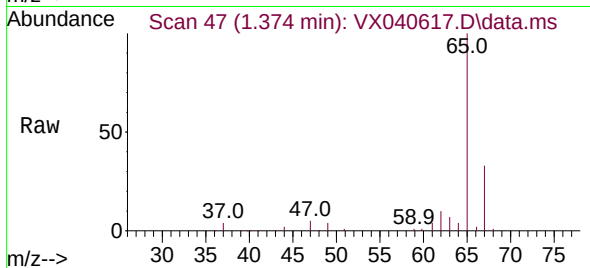




#5
 Vinyl chloride
 Concen: 3.201 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040617.D
 Acq: 07 Mar 2024 13:26

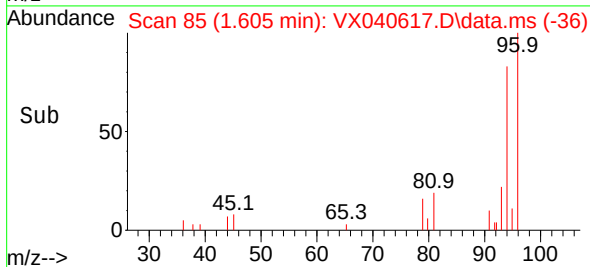
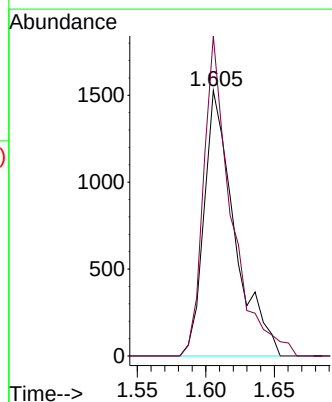
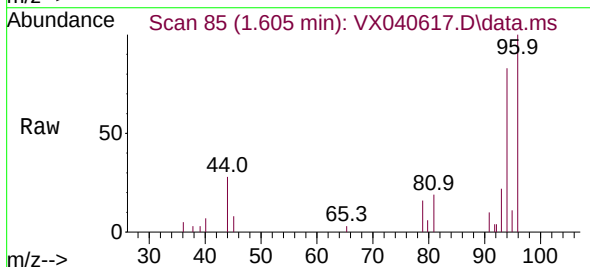
Instrument :
 MSVOA_X
 ClientSampleId :

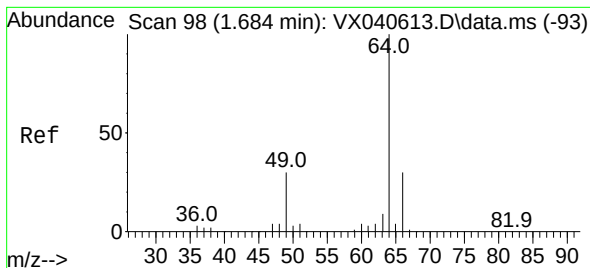
Tgt Ion: 62 Resp: 4370
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.8 44.2



#6
 Bromomethane
 Concen: 3.270 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX040617.D
 Acq: 07 Mar 2024 13:26

Tgt Ion: 94 Resp: 2370
 Ion Ratio Lower Upper
 94 100
 96 120.6 69.0 128.2





#8

Chloroethane

Concen: 2.593 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

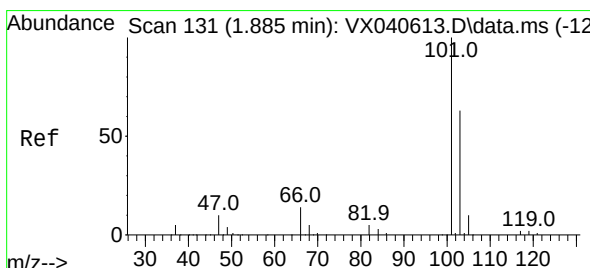
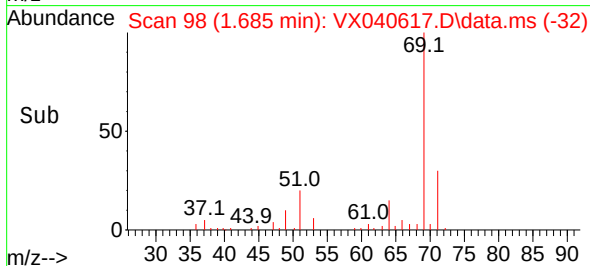
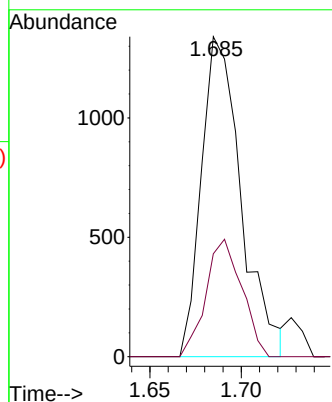
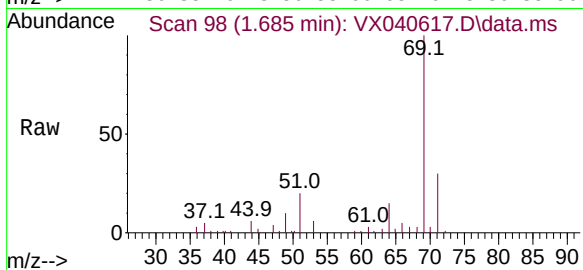
ClientSampleId :

Tgt Ion: 64 Resp: 2030

Ion Ratio Lower Upper

64 100

66 32.2 25.0 46.4



#9

Trichlorofluoromethane

Concen: 2.908 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX040617.D

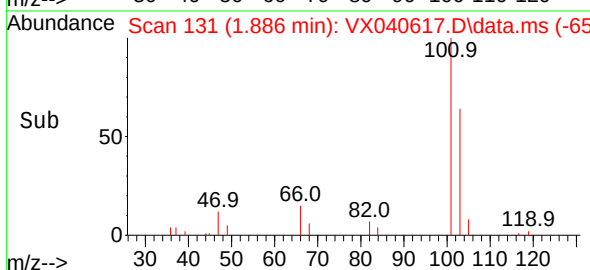
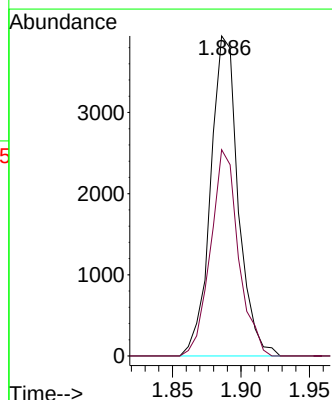
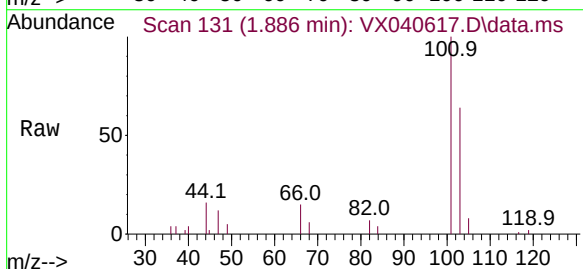
Acq: 07 Mar 2024 13:26

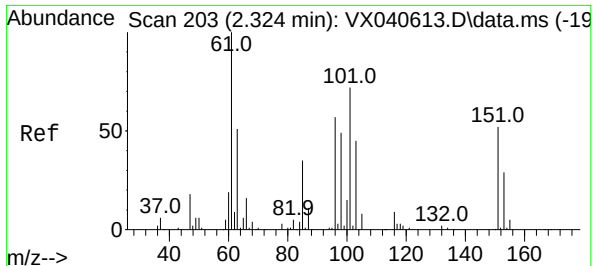
Tgt Ion:101 Resp: 5524

Ion Ratio Lower Upper

101 100

103 65.0 51.7 77.5





#10

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

Concen: 3.696 ug/L

RT: 2.325 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :

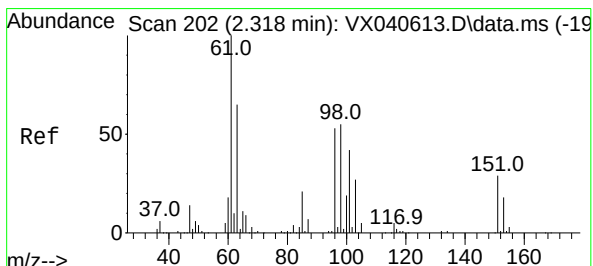
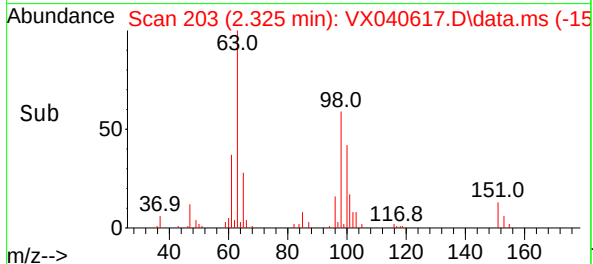
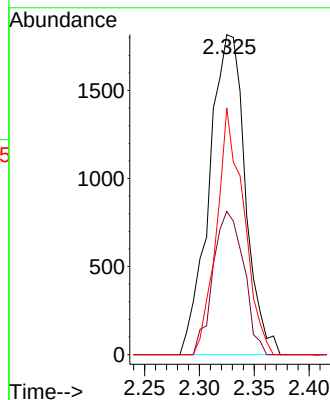
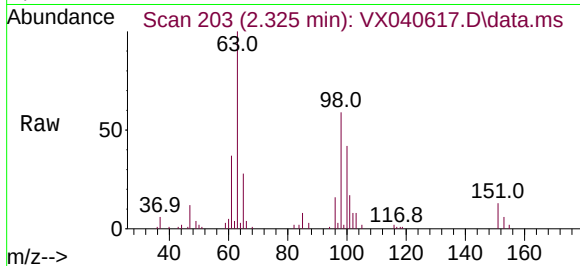
Tgt Ion:101 Resp: 4164

Ion Ratio Lower Upper

101 100

85 38.1 38.3 57.5#

151 58.0 57.7 86.5



#12

1,1-Dichloroethene

Concen: 3.703 ug/L

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

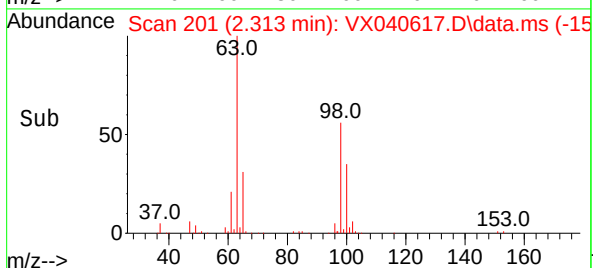
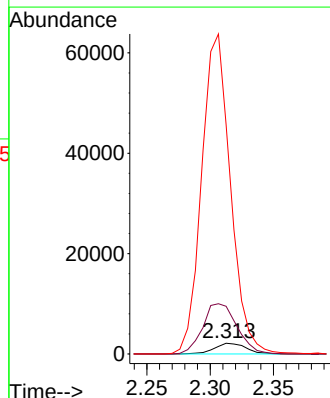
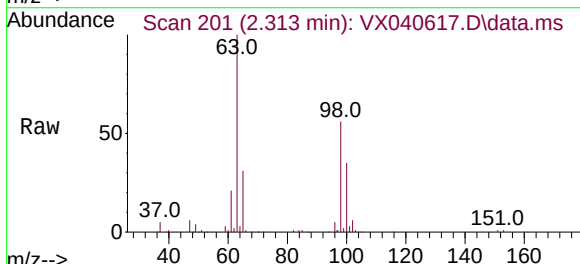
Tgt Ion: 96 Resp: 3671

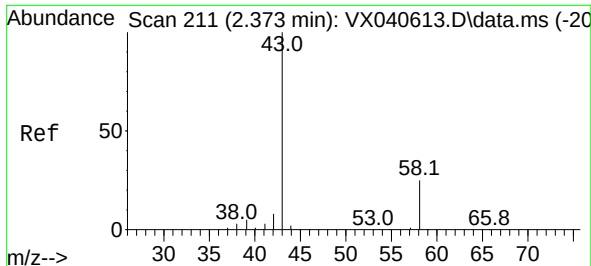
Ion Ratio Lower Upper

96 100

61 447.1 134.8 250.4#

63 2145.9 92.5 171.9#





#13

Acetone

Concen: 5.667 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

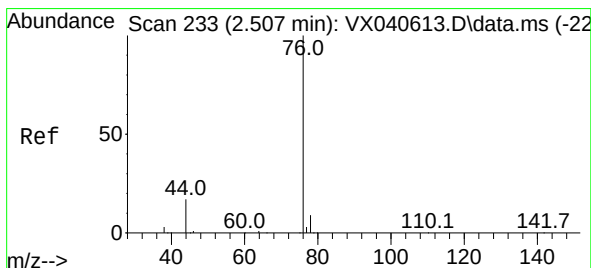
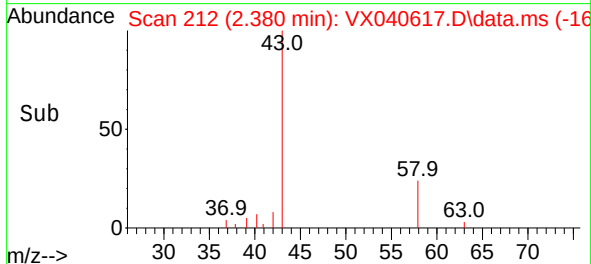
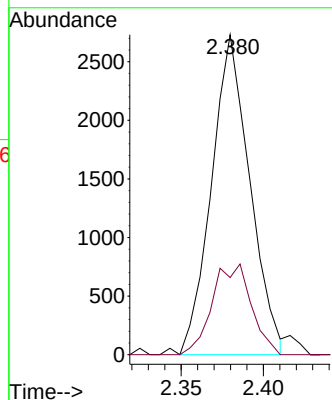
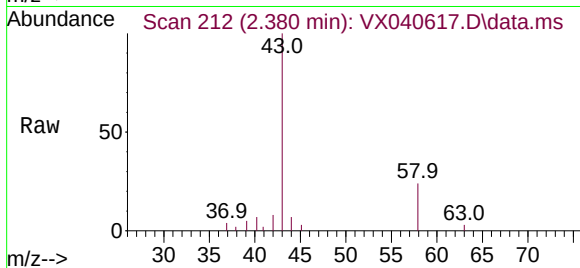
ClientSampleId :

Tgt Ion: 43 Resp: 4427

Ion Ratio Lower Upper

43 100

58 28.9 0.0 54.6



#14

Carbon disulfide

Concen: 2.974 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.007 min

Lab File: VX040617.D

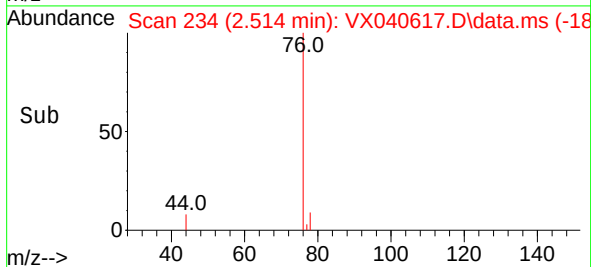
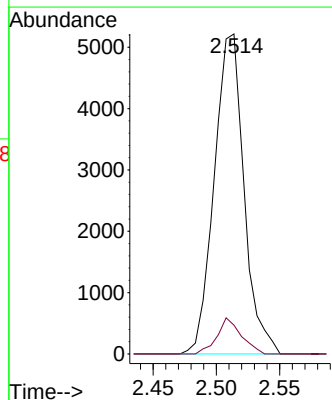
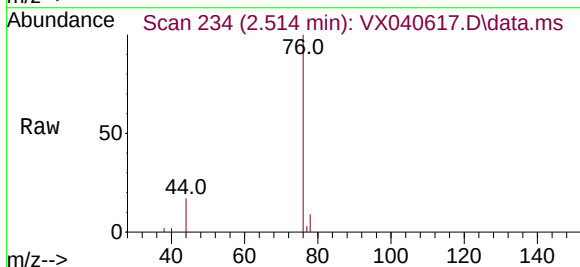
Acq: 07 Mar 2024 13:26

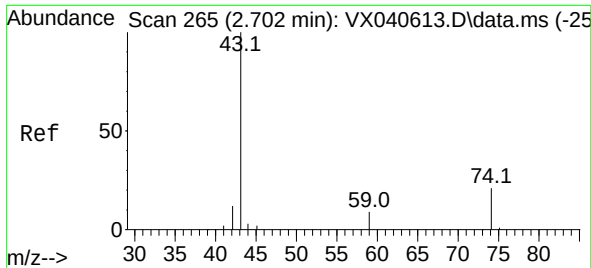
Tgt Ion: 76 Resp: 8532

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 2.853 ug/L

RT: 2.703 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

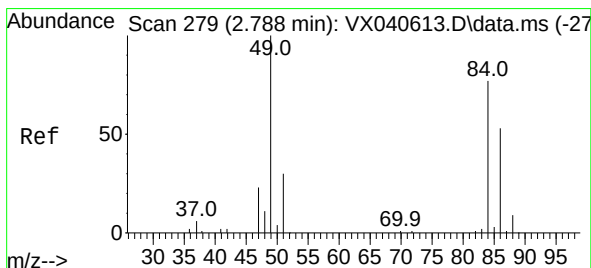
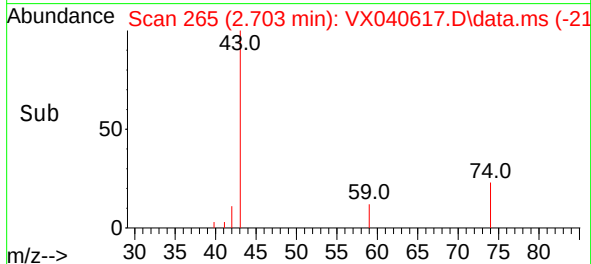
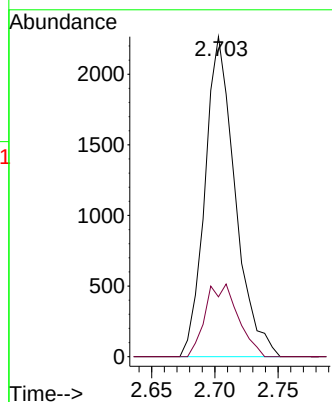
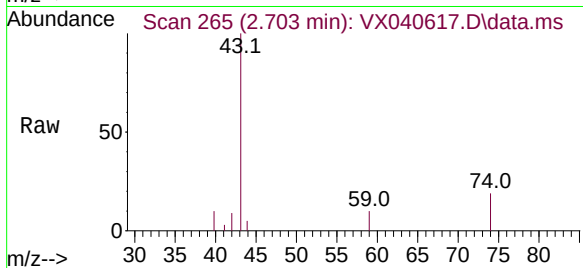
ClientSampleId :

Tgt Ion: 43 Resp: 3762

Ion Ratio Lower Upper

43 100

74 24.6 17.6 26.4



#16

Methylene chloride

Concen: 3.425 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

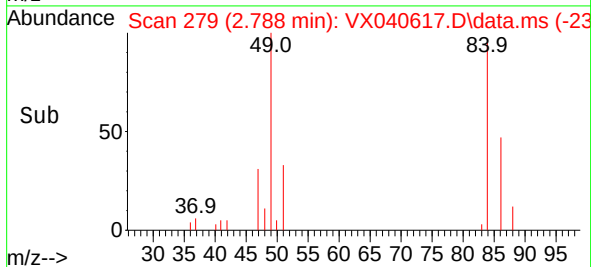
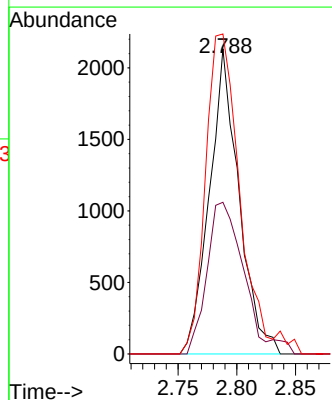
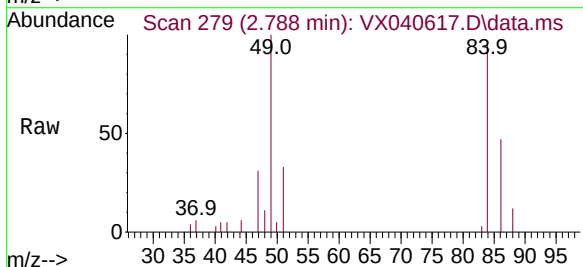
Tgt Ion: 84 Resp: 3739

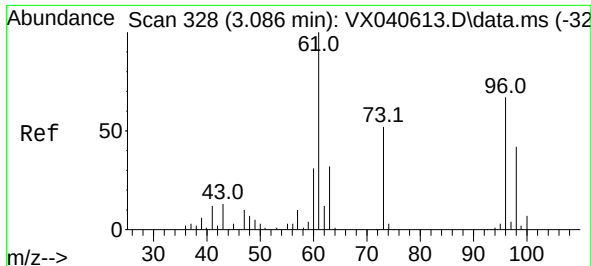
Ion Ratio Lower Upper

84 100

86 49.7 45.8 85.2

49 104.8 92.6 172.0





#17

trans-1,2-Dichloroethene

Concen: 2.736 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :

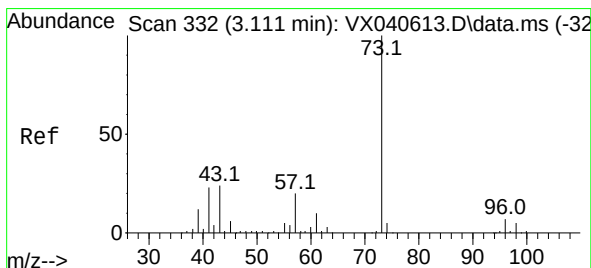
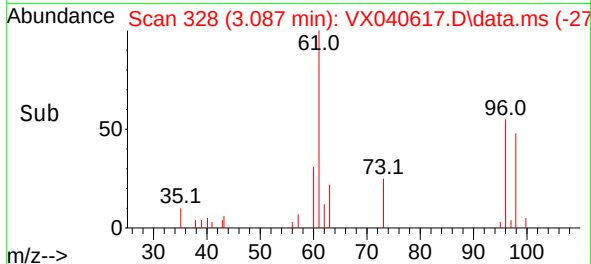
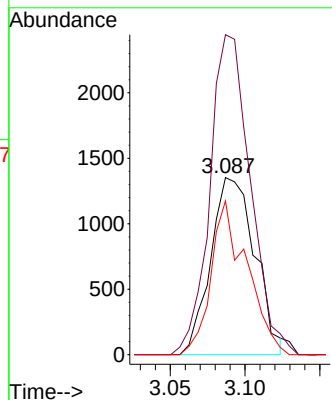
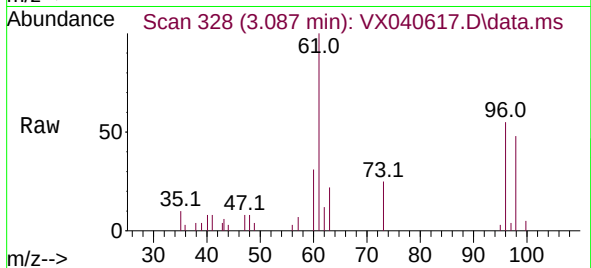
Tgt Ion: 96 Resp: 2784

Ion Ratio Lower Upper

96 100

61 180.6 106.6 198.0

98 86.8 45.1 83.9#



#18

Methyl tert-butyl Ether

Concen: 2.728 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

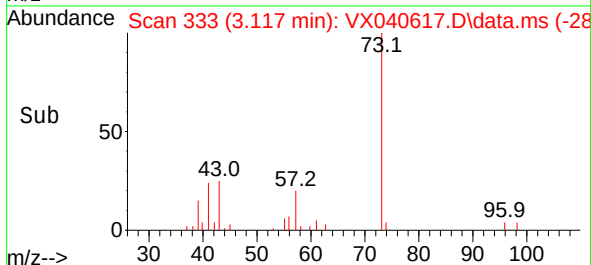
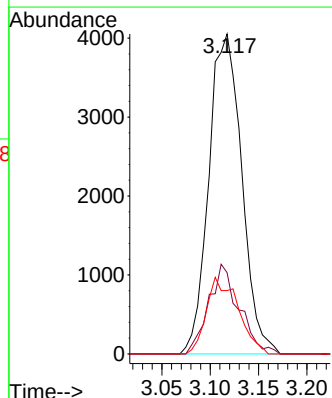
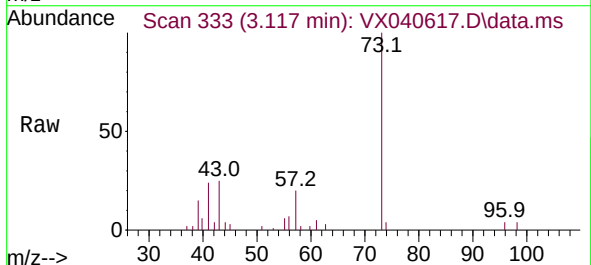
Tgt Ion: 73 Resp: 9600

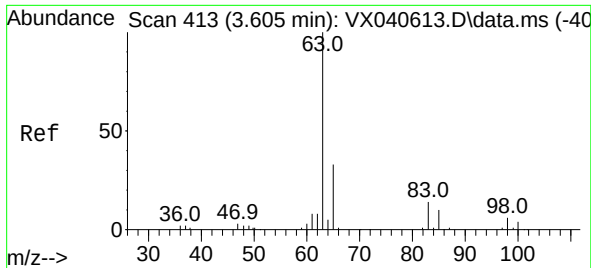
Ion Ratio Lower Upper

73 100

43 25.3 19.3 28.9

57 14.8 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 2.923 ug/L

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :

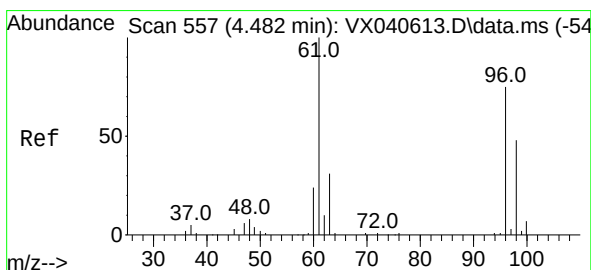
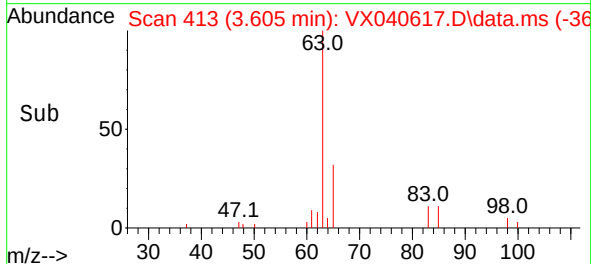
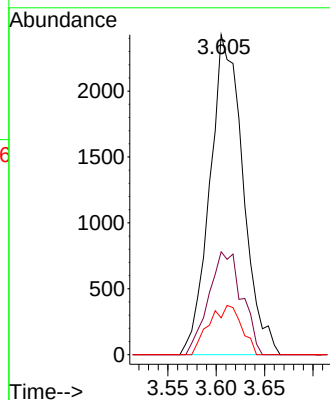
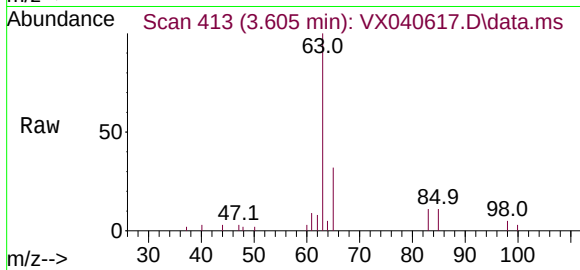
Tgt Ion: 63 Resp: 5780

Ion Ratio Lower Upper

63 100

65 32.2 23.1 42.9

83 11.5 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 3.043 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

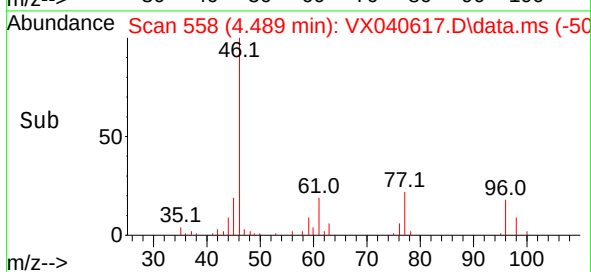
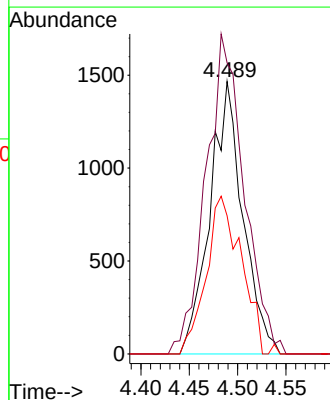
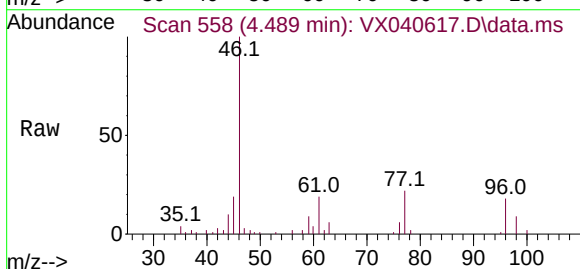
Tgt Ion: 96 Resp: 3473

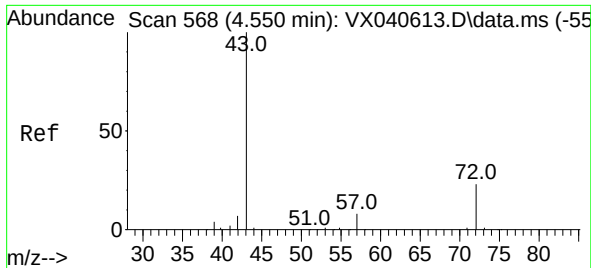
Ion Ratio Lower Upper

96 100

61 106.9 93.0 172.8

98 50.8 42.4 78.6





#22

2-Butanone

Concen: 5.396 ug/L

RT: 4.568 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

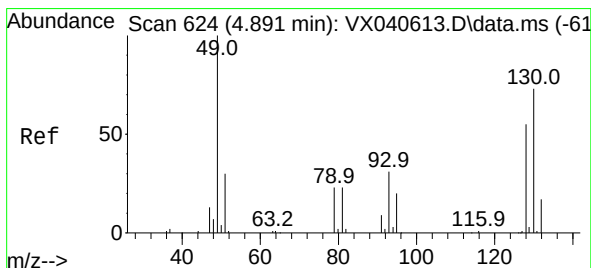
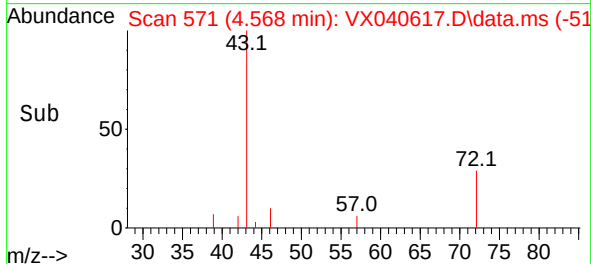
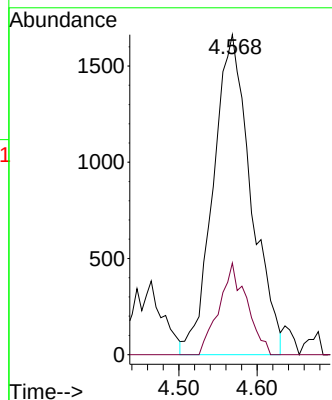
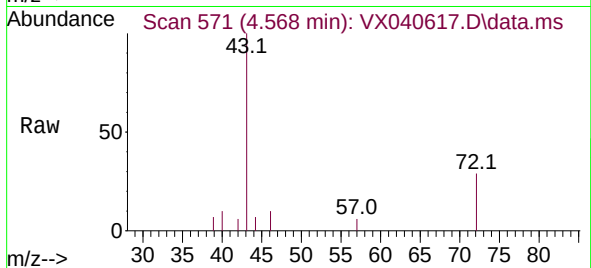
ClientSampleId :

Tgt Ion: 43 Resp: 5582

Ion Ratio Lower Upper

43 100

72 21.0 12.4 37.2



#23

Bromochloromethane

Concen: 3.015 ug/L

RT: 4.898 min Scan# 625

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Tgt Ion:128 Resp: 1755

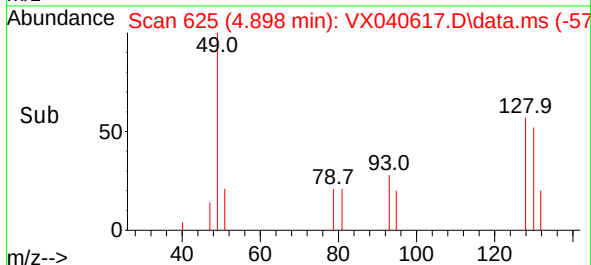
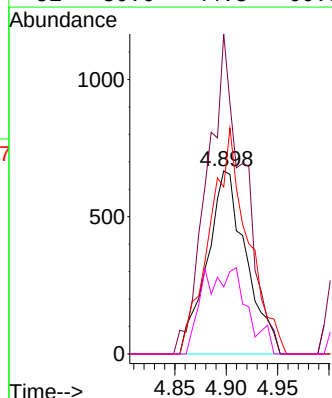
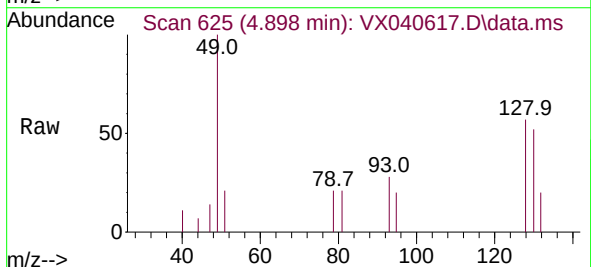
Ion Ratio Lower Upper

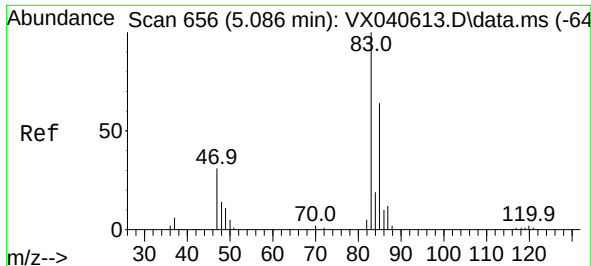
128 100

49 174.8 118.1 219.3

130 91.2 89.4 166.0

51 36.6 44.3 66.5#





#25

Chloroform

Concen: 4.470 ug/L

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

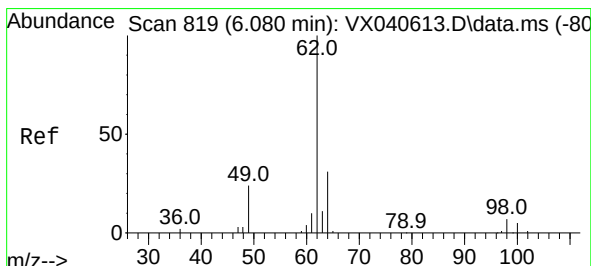
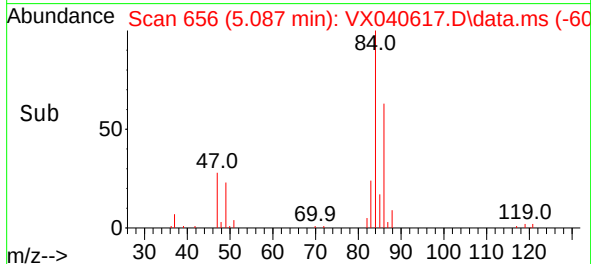
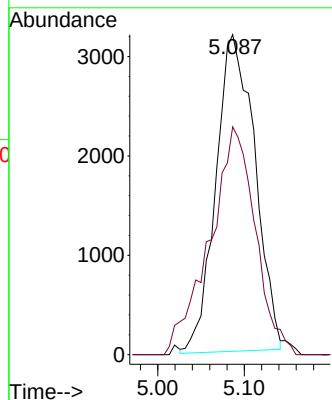
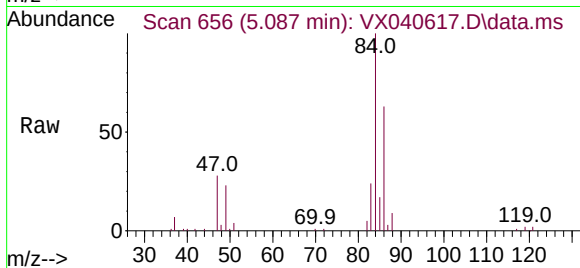
ClientSampleId :

Tgt Ion: 83 Resp: 9974

Ion Ratio Lower Upper

83 100

85 71.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 3.104 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.013 min

Lab File: VX040617.D

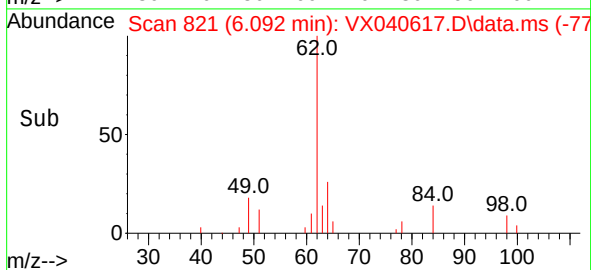
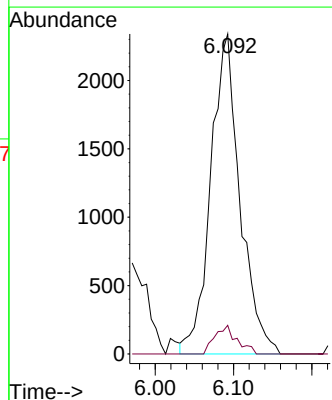
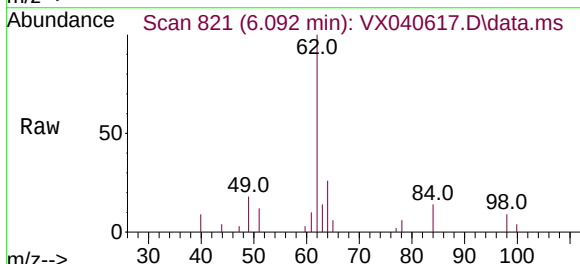
Acq: 07 Mar 2024 13:26

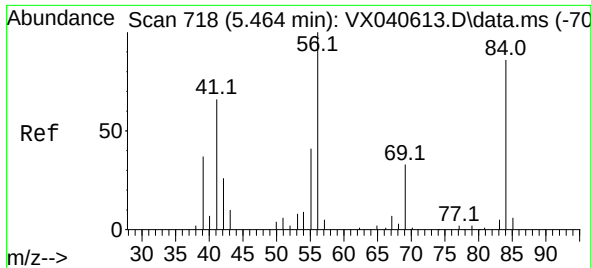
Tgt Ion: 62 Resp: 6086

Ion Ratio Lower Upper

62 100

98 9.0 5.8 8.6#





#29

Cyclohexane

Concen: 3.163 ug/L

RT: 5.471 min Scan# 718

Delta R.T. 0.007 min

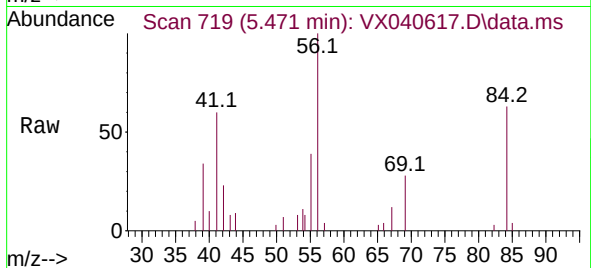
Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :



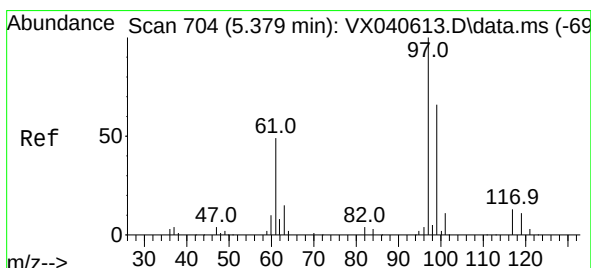
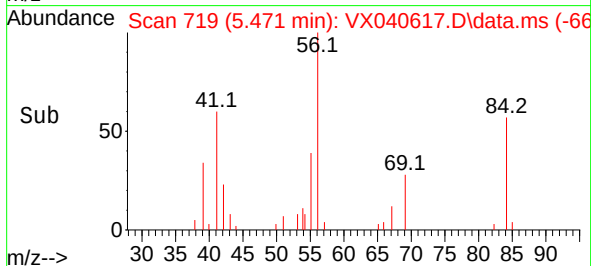
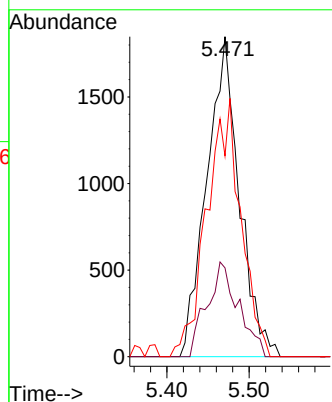
Tgt Ion: 56 Resp: 5098

Ion Ratio Lower Upper

56 100

69 9.2 25.0 37.4#

84 35.4 70.6 105.8#



#30

1,1,1-Trichloroethane

Concen: 1.171 ug/L

RT: 5.367 min Scan# 702

Delta R.T. -0.012 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

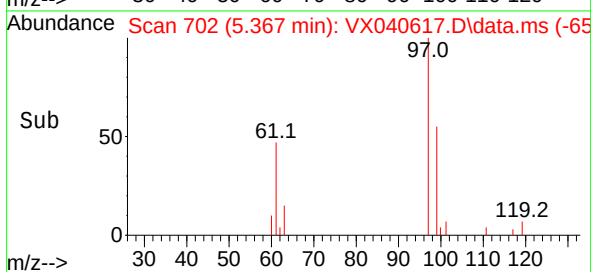
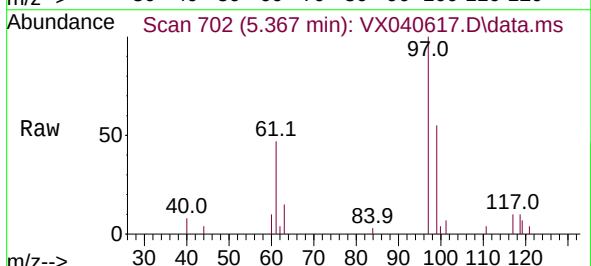
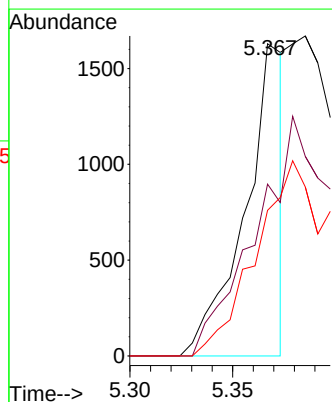
Tgt Ion: 97 Resp: 2140

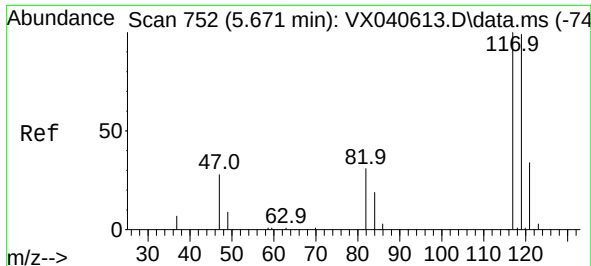
Ion Ratio Lower Upper

97 100

99 162.3 52.1 78.1#

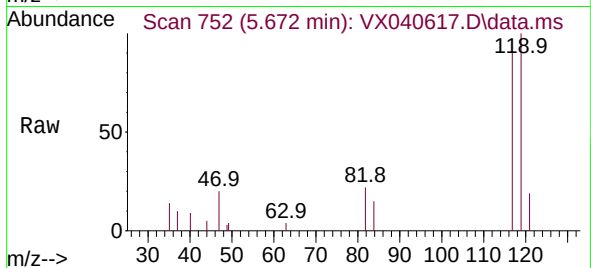
61 131.2 38.3 57.5#



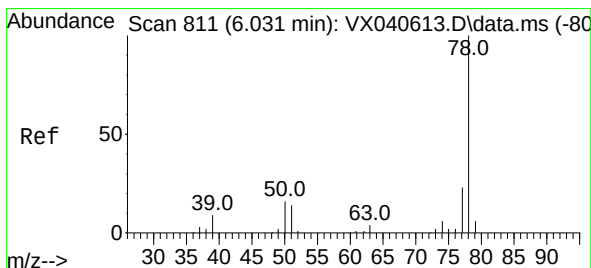
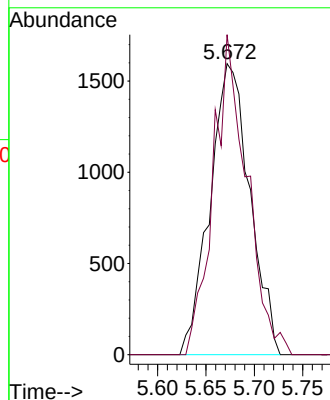
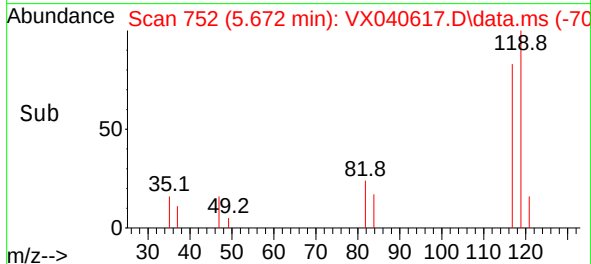


#31
Carbon tetrachloride
Concen: 2.981 ug/L
RT: 5.672 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

Instrument :
MSVOA_X
ClientSampleId :

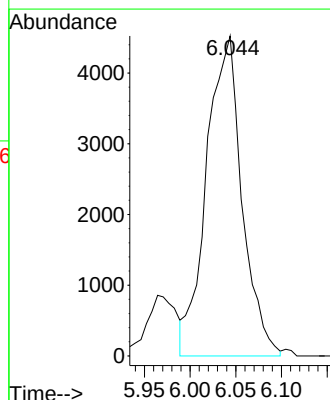
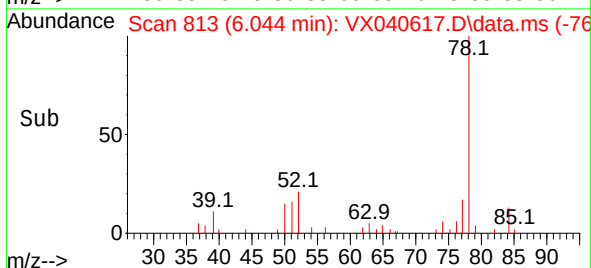
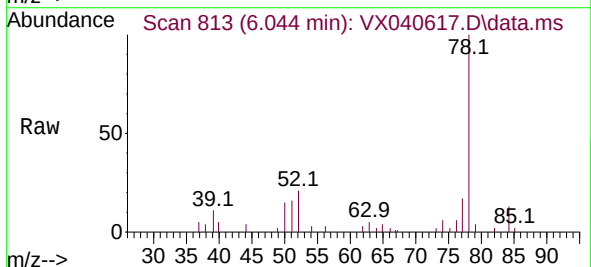


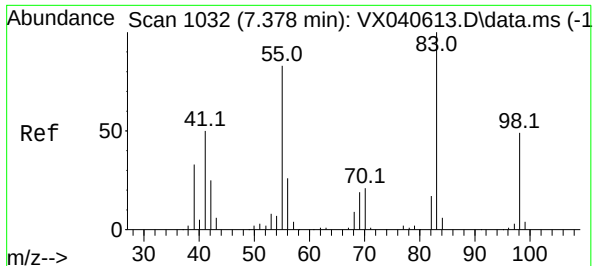
Tgt Ion:117 Resp: 4571
Ion Ratio Lower Upper
117 100
119 91.6 75.4 113.2



#33
Benzene
Concen: 3.098 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.013 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

Tgt Ion: 78 Resp: 12205





#35

Methylcyclohexane

Concen: 2.900 ug/L

RT: 7.373 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :

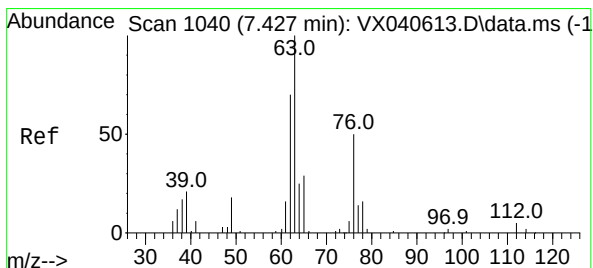
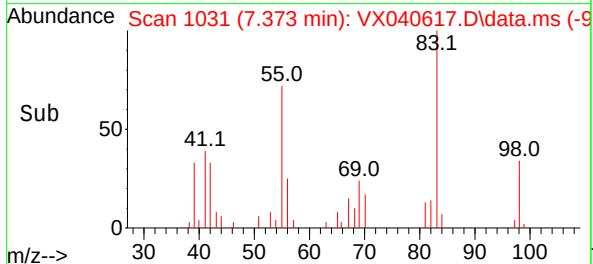
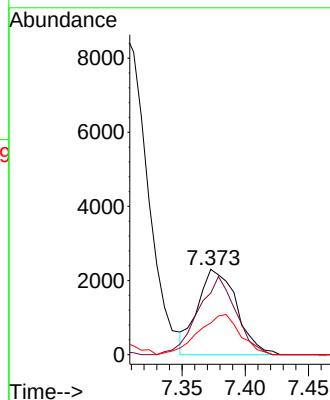
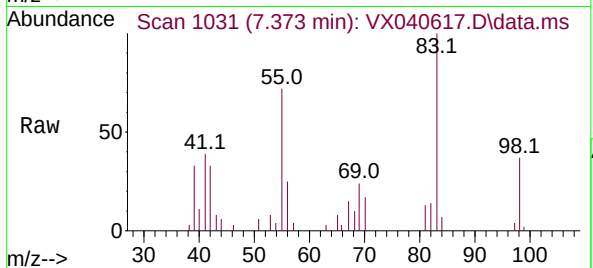
Tgt Ion: 83 Resp: 4929

Ion Ratio Lower Upper

83 100

55 88.3 62.6 94.0

98 50.3 37.4 56.2



#37

1,2-Dichloropropane

Concen: 2.984 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX040617.D

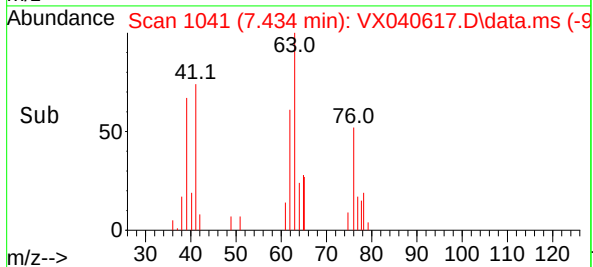
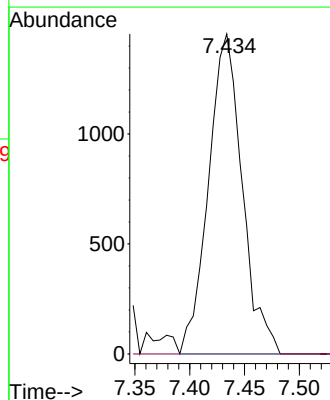
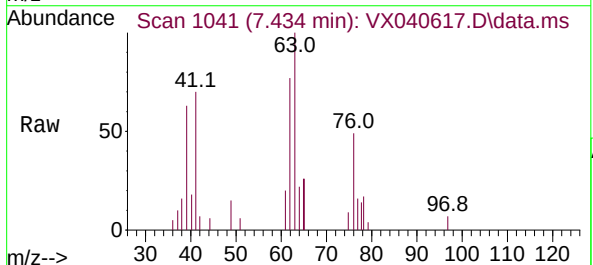
Acq: 07 Mar 2024 13:26

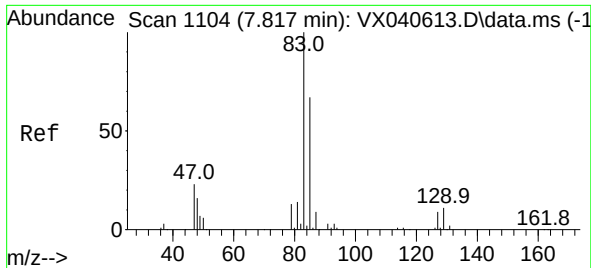
Tgt Ion: 63 Resp: 3113

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

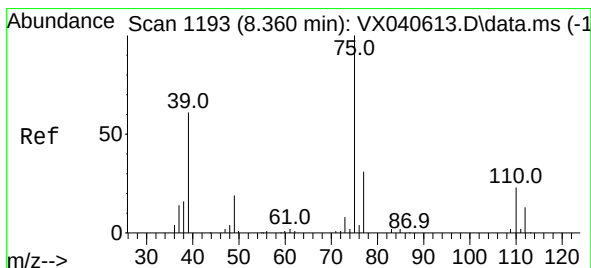
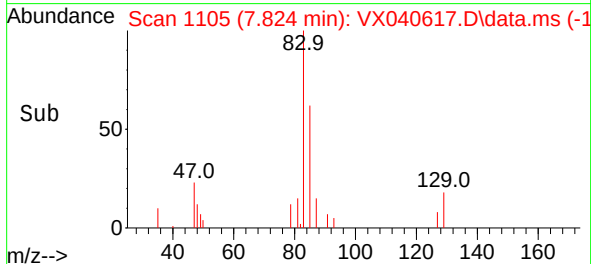
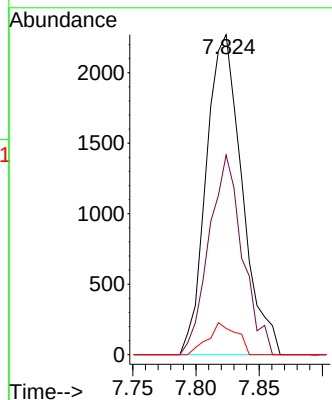
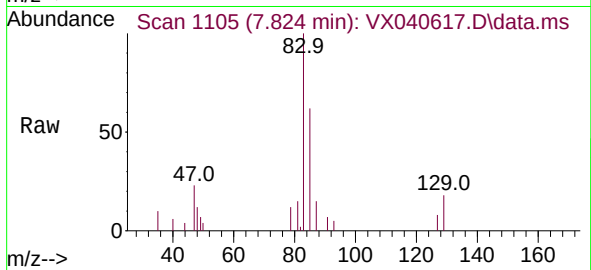




#38
Bromodichloromethane
Concen: 2.900 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

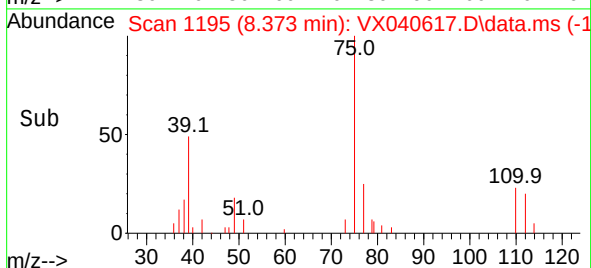
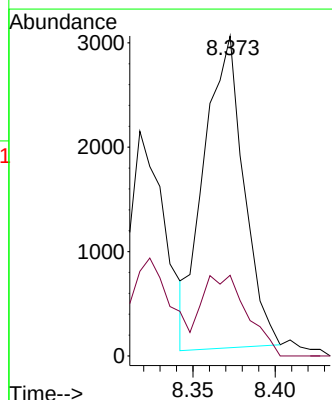
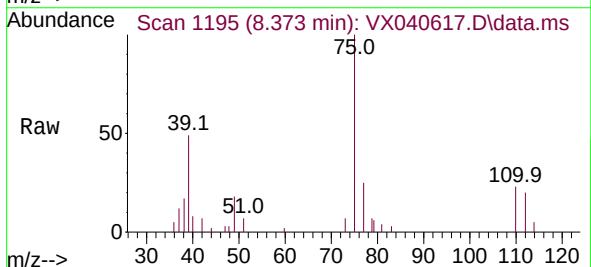
Instrument :
MSVOA_X
ClientSampleId :

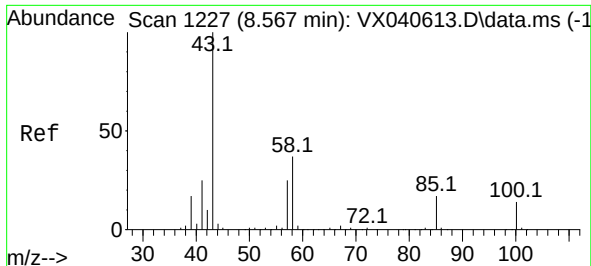
Tgt Ion: 83 Resp: 4475
Ion Ratio Lower Upper
83 100
85 62.4 42.8 79.4
127 8.2 6.5 9.7



#39
cis-1,3-Dichloropropene
Concen: 2.858 ug/L
RT: 8.373 min Scan# 1195
Delta R.T. 0.013 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

Tgt Ion: 75 Resp: 5020
Ion Ratio Lower Upper
75 100
77 25.2 21.1 39.3





#40

4-Methyl-2-pentanone

Concen: 5.483 ug/L

RT: 8.574 min Scan# 1227

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :

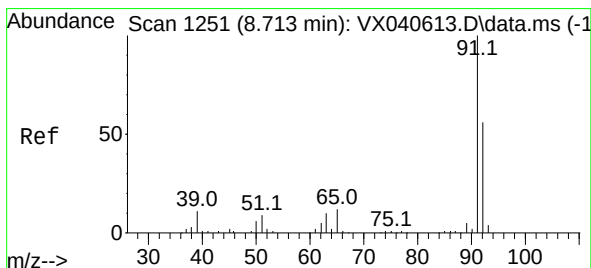
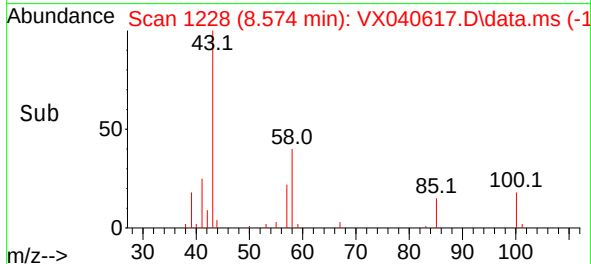
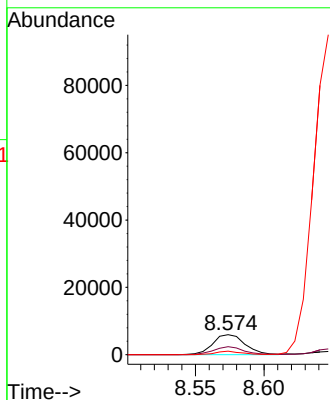
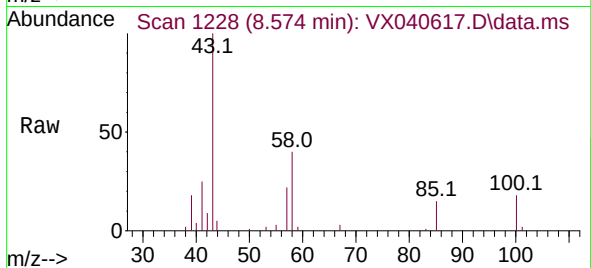
Tgt Ion: 43 Resp: 9806

Ion Ratio Lower Upper

43 100

58 37.2 29.3 43.9

100 14.5 10.7 16.1



#42

Toluene

Concen: 3.160 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX040617.D

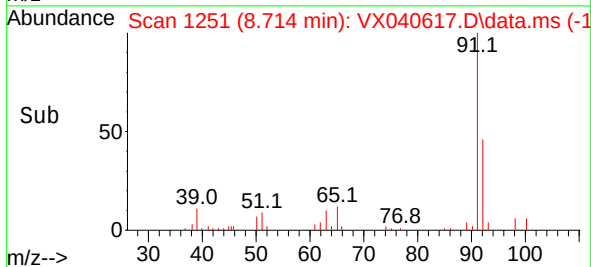
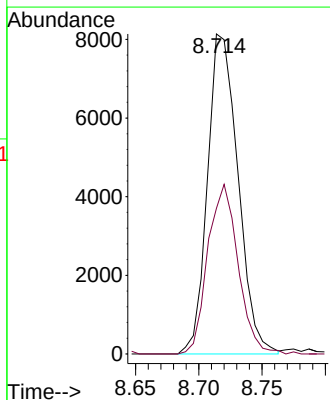
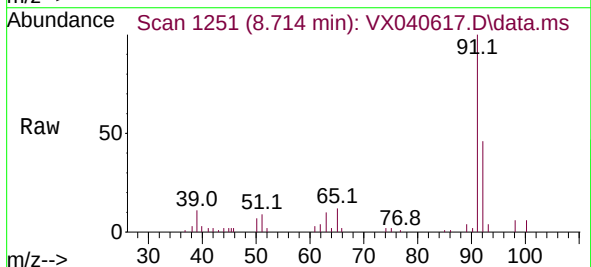
Acq: 07 Mar 2024 13:26

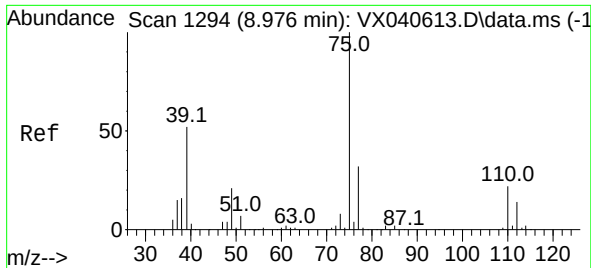
Tgt Ion: 91 Resp: 13661

Ion Ratio Lower Upper

91 100

92 45.5 40.2 74.6

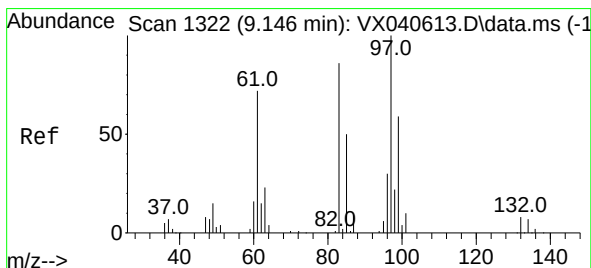
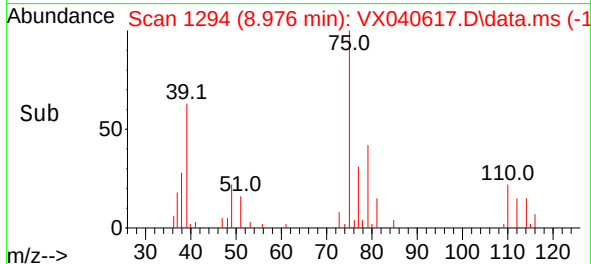
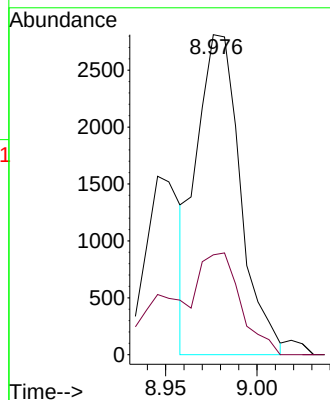
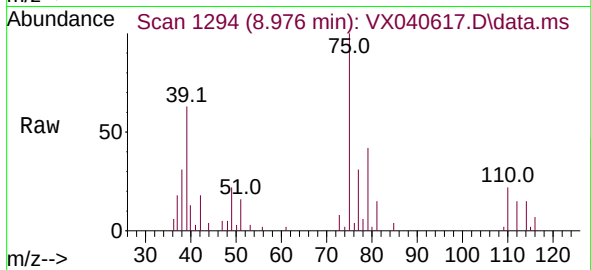




#44
trans-1,3-Dichloropropene
Concen: 2.739 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

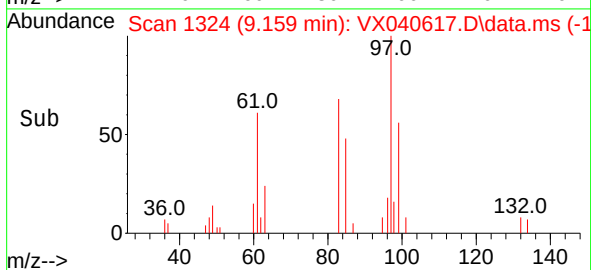
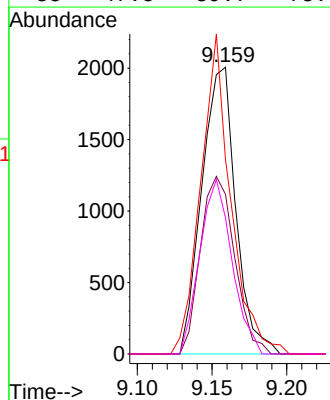
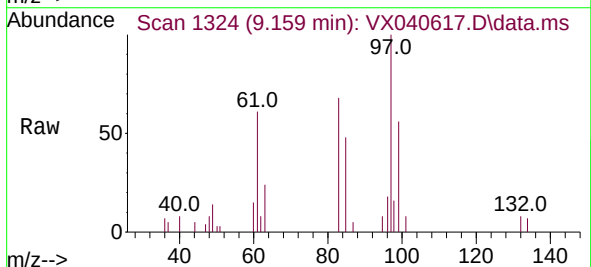
Instrument :
MSVOA_X
ClientSampleId :

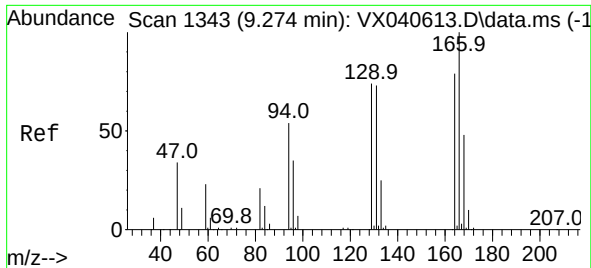
Tgt Ion: 75 Resp: 4686
Ion Ratio Lower Upper
75 100
77 31.2 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 2.948 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.013 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

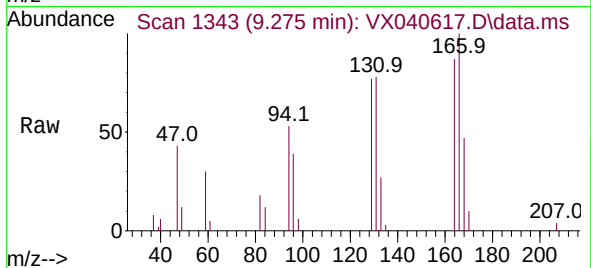
Tgt Ion: 97 Resp: 3175
Ion Ratio Lower Upper
97 100
99 55.7 42.6 79.0
83 67.8 59.2 110.0
85 47.5 39.7 73.7





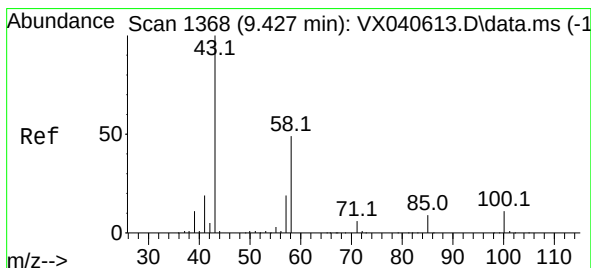
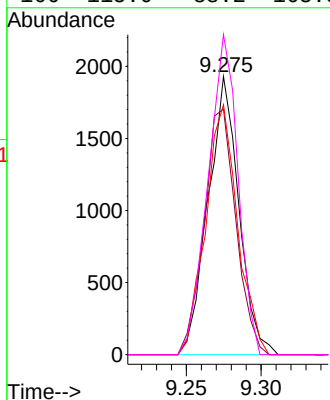
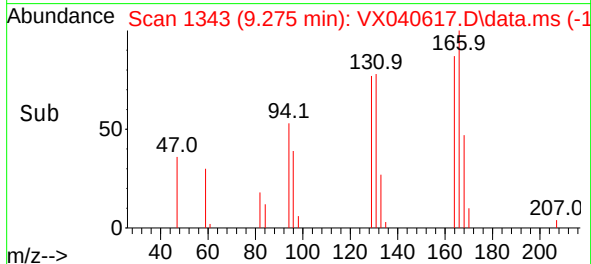
#46
Tetrachloroethene
Concen: 3.319 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

Instrument :
MSVOA_X
ClientSampleId :

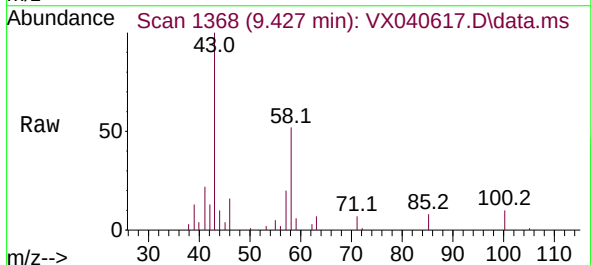


Tgt Ion:164 Resp: 2772

Ion	Ratio	Lower	Upper
164	100		
129	88.3	67.8	126.0
131	89.8	67.8	126.0
166	115.0	88.2	163.8

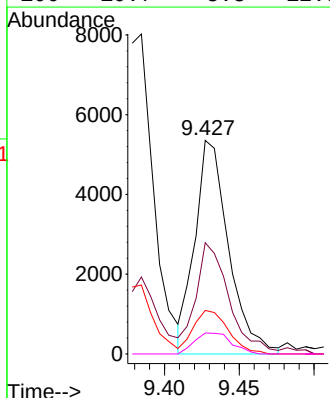
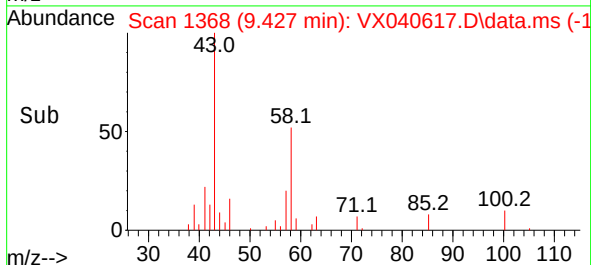


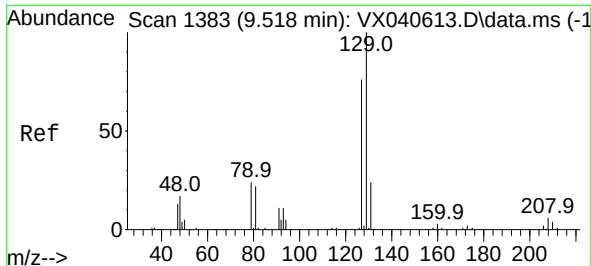
#48
2-Hexanone
Concen: 5.697 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26



Tgt Ion: 43 Resp: 8442

Ion	Ratio	Lower	Upper
43	100		
58	51.1	41.0	61.6
57	21.2	14.8	22.2
100	10.7	8.3	12.5





#49

Dibromochloromethane

Concen: 2.890 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

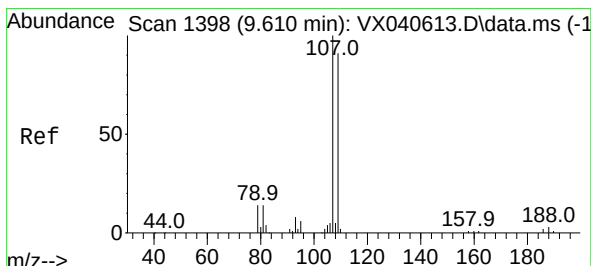
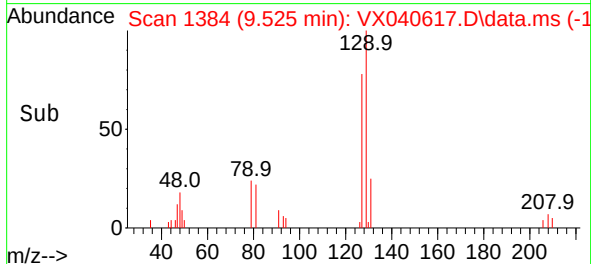
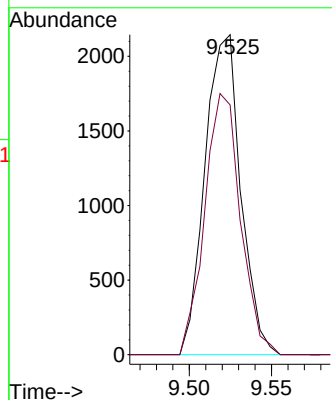
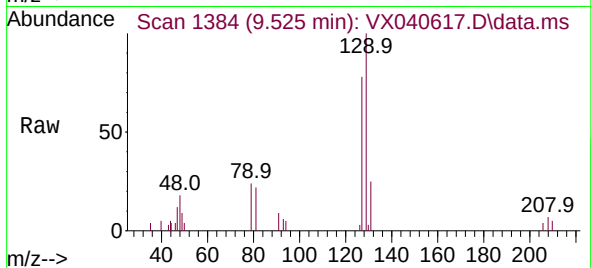
ClientSampleId :

Tgt Ion:129 Resp: 3252

Ion Ratio Lower Upper

129 100

127 78.0 55.8 103.6



#50

1,2-Dibromoethane

Concen: 2.962 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

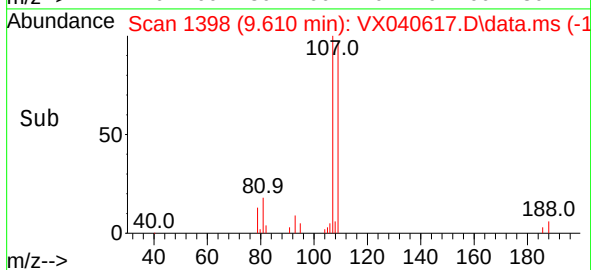
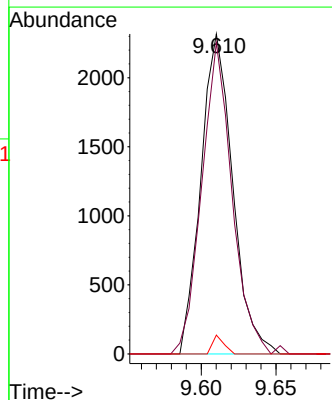
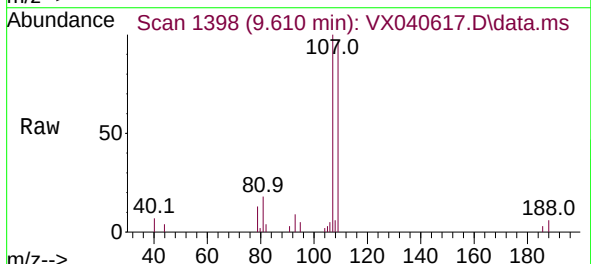
Tgt Ion:107 Resp: 3430

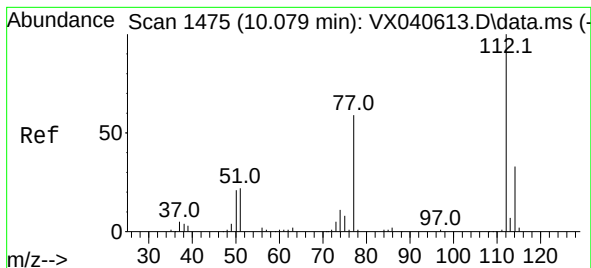
Ion Ratio Lower Upper

107 100

109 97.3 62.9 116.7

188 5.9 2.5 3.7#





#51

Chlorobenzene

Concen: 2.922 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :

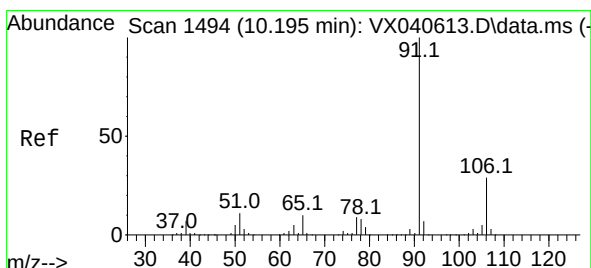
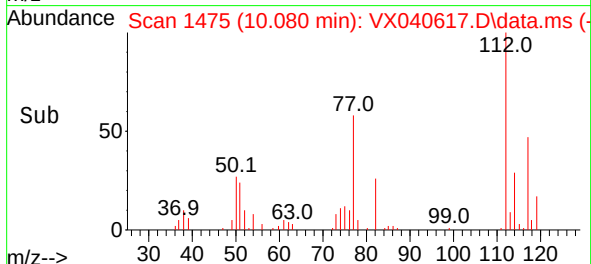
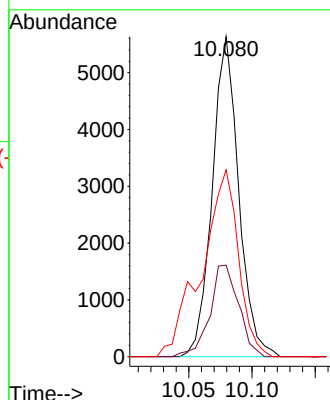
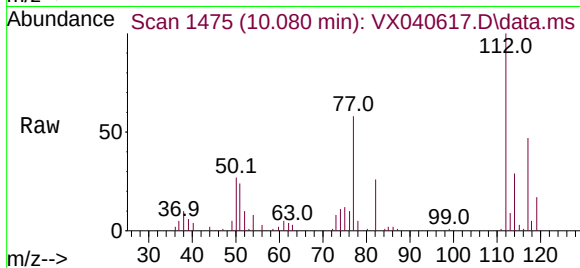
Tgt Ion:112 Resp: 8182

Ion Ratio Lower Upper

112 100

114 28.6 22.4 41.6

77 58.4 50.6 75.8



#52

Ethylbenzene

Concen: 2.764 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040617.D

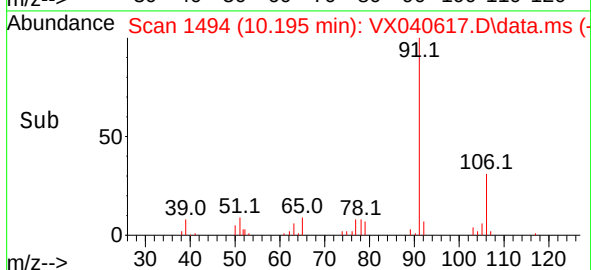
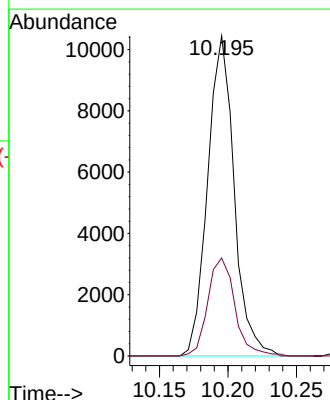
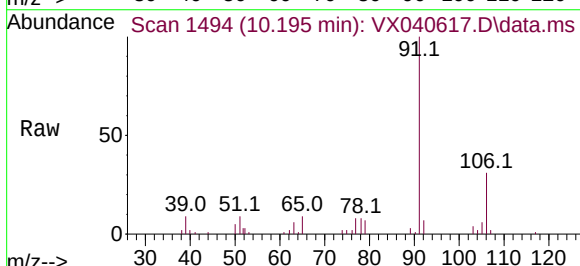
Acq: 07 Mar 2024 13:26

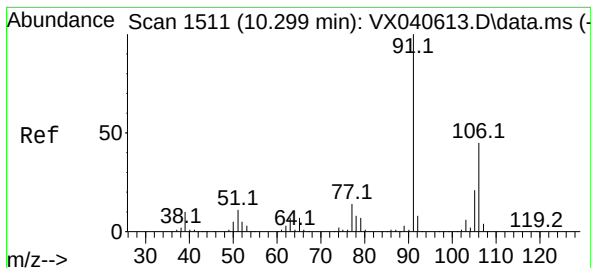
Tgt Ion: 91 Resp: 14040

Ion Ratio Lower Upper

91 100

106 30.6 20.6 38.4





#53

m,p-Xylene

Concen: 2.712 ug/L

RT: 10.305 min Scan# 1511

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

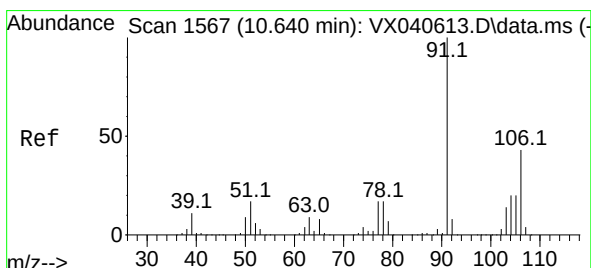
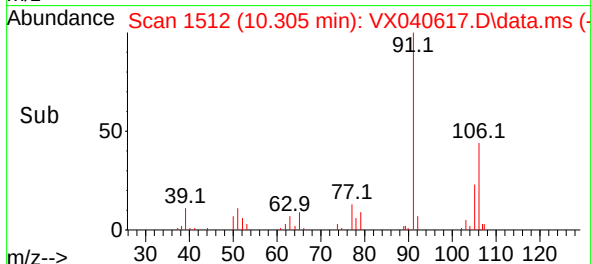
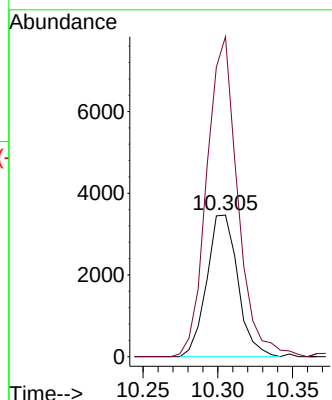
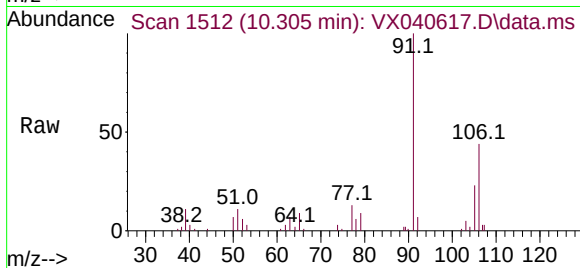
ClientSampleId :

Tgt Ion:106 Resp: 5009

Ion Ratio Lower Upper

106 100

91 225.9 160.4 298.0



#54

o-Xylene

Concen: 2.807 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040617.D

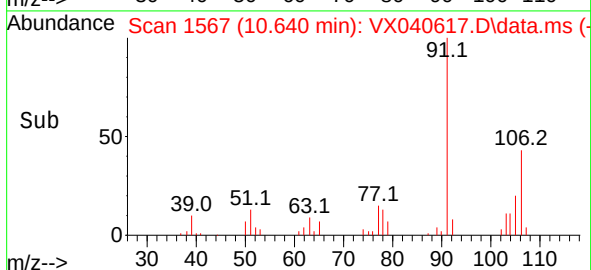
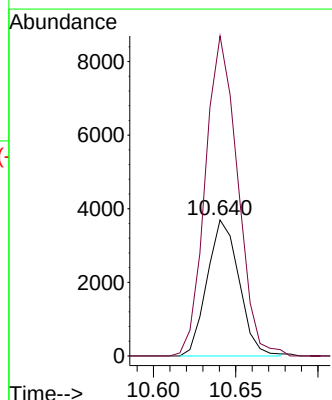
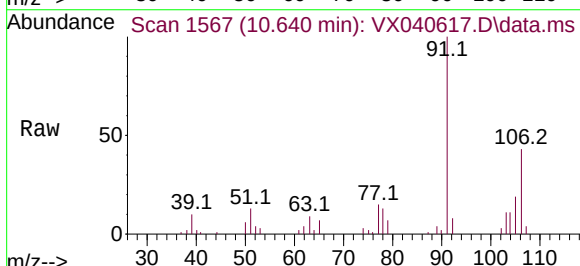
Acq: 07 Mar 2024 13:26

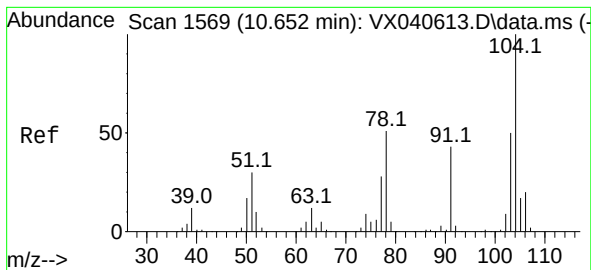
Tgt Ion:106 Resp: 4976

Ion Ratio Lower Upper

106 100

91 235.3 161.7 300.3





#55

Styrene

Concen: 2.834 ug/L

RT: 10.659 min Scan# 1569

Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

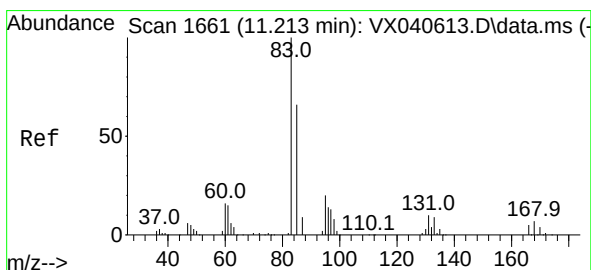
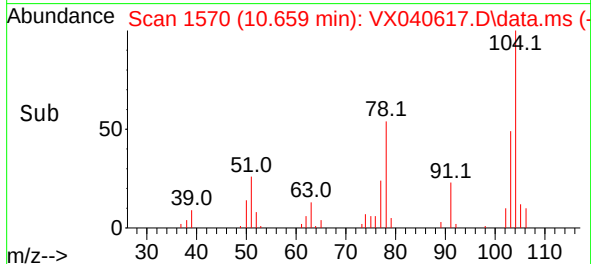
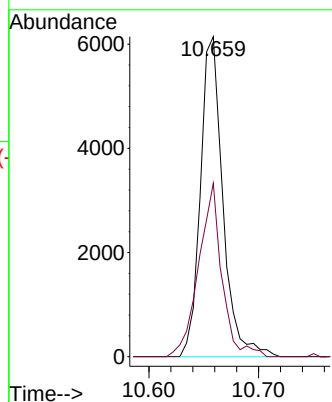
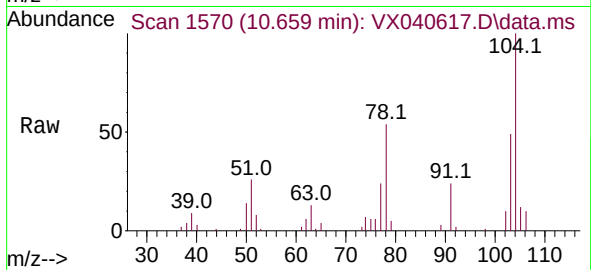
ClientSampleId :

Tgt Ion:104 Resp: 8755

Ion Ratio Lower Upper

104 100

78 54.2 37.2 69.0



#57

1,1,2,2-Tetrachloroethane

Concen: 3.319 ug/L

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

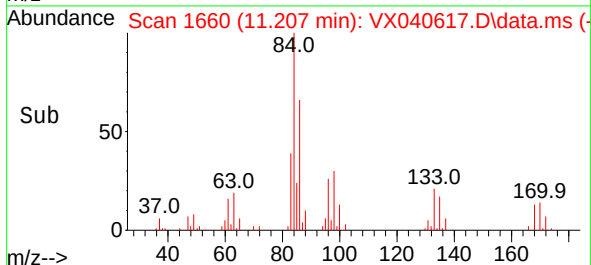
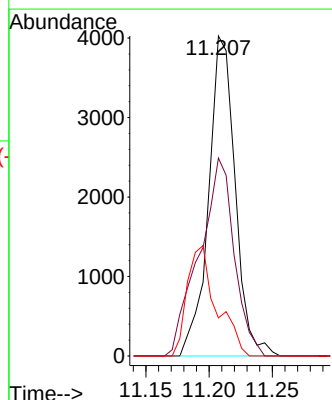
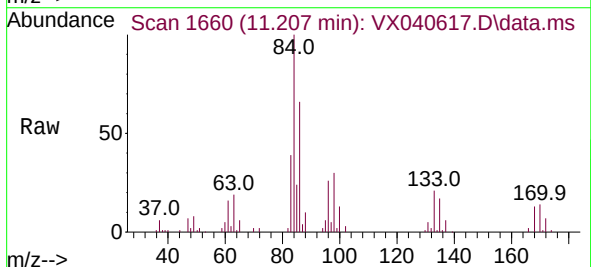
Tgt Ion: 83 Resp: 5890

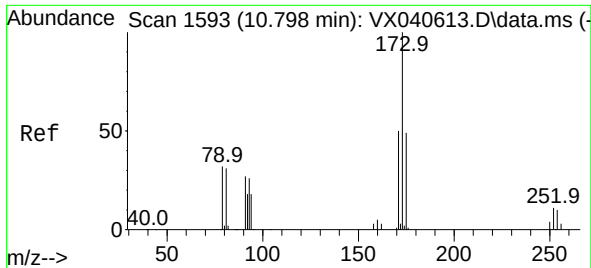
Ion Ratio Lower Upper

83 100

85 61.9 45.2 84.0

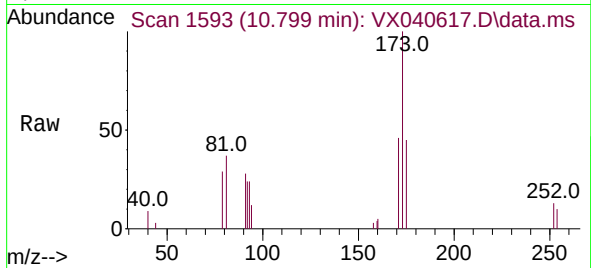
131 11.9 8.2 12.2



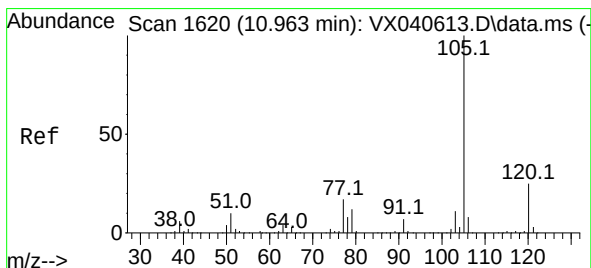
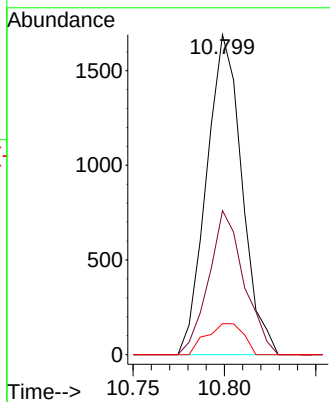
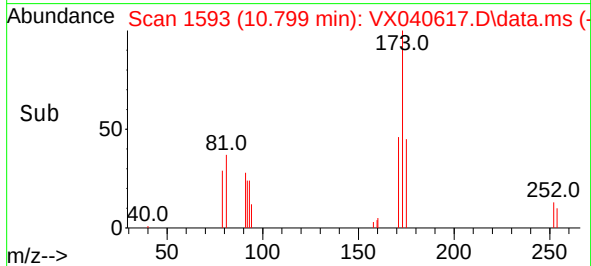


#59
Bromoform
Concen: 2.564 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

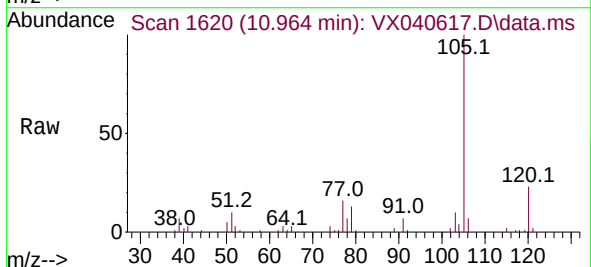
Instrument :
MSVOA_X
ClientSampleId :



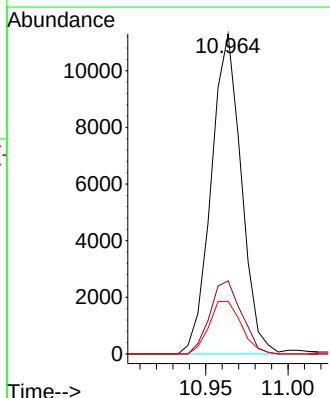
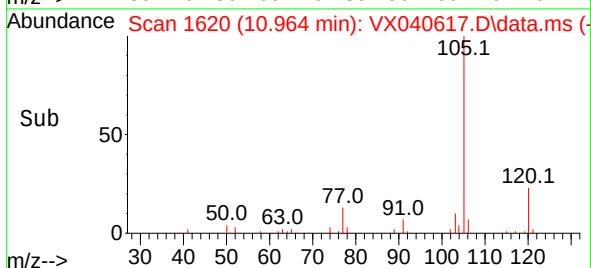
Tgt Ion:173 Resp: 2279
Ion Ratio Lower Upper
173 100
175 44.9 39.4 59.0
254 10.1 7.9 11.9

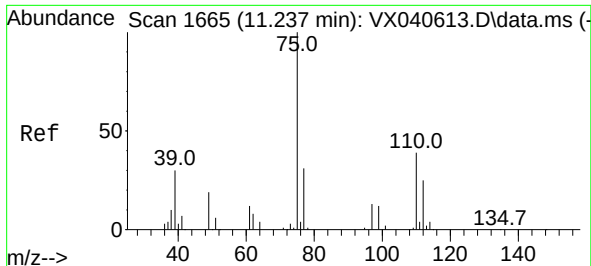


#60
Isopropylbenzene
Concen: 2.786 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26



Tgt Ion:105 Resp: 14338
Ion Ratio Lower Upper
105 100
120 24.1 20.1 30.1
77 17.7 13.9 20.9

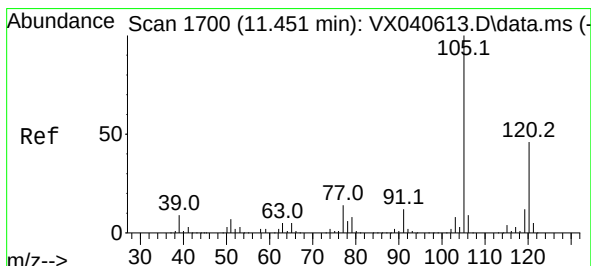
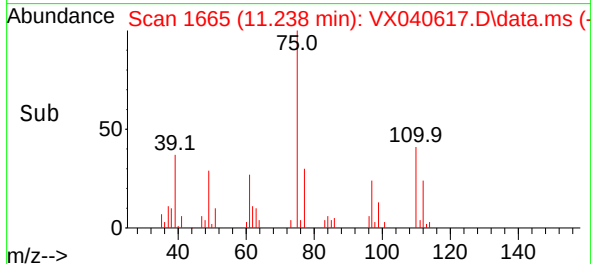
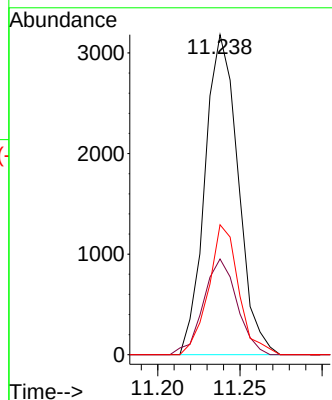
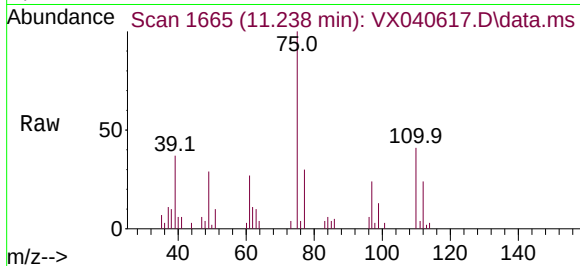




#61
1,2,3-Trichloropropane
Concen: 2.922 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

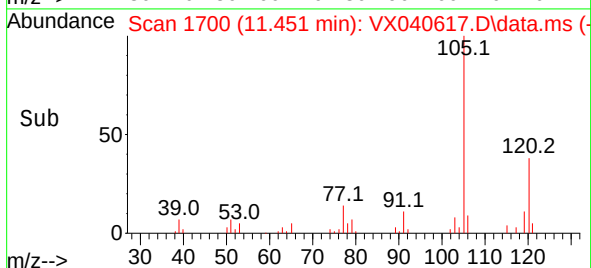
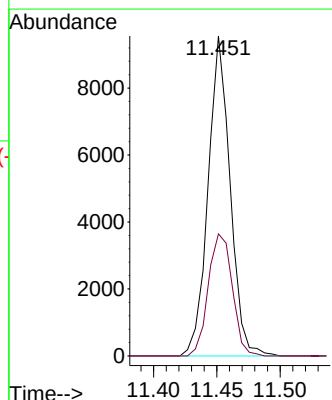
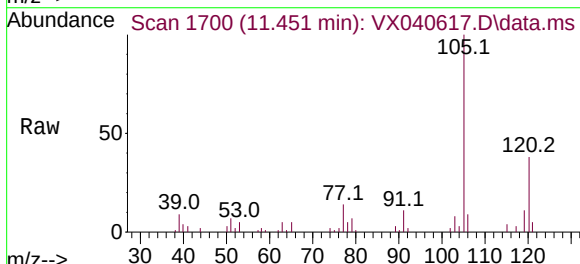
Instrument :
MSVOA_X
ClientSampleId :

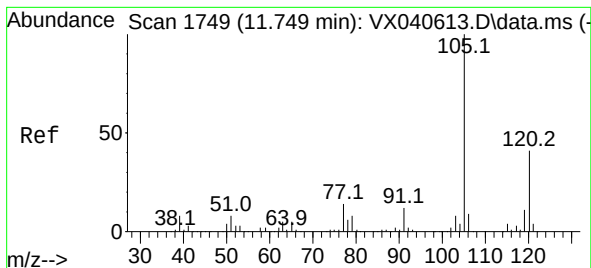
Tgt Ion: 75 Resp: 4463
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5
110 36.9 31.0 46.4



#62
1,3,5-Trimethylbenzene
Concen: 2.714 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

Tgt Ion: 105 Resp: 11579
Ion Ratio Lower Upper
105 100
120 41.5 36.2 54.2





#63

1,2,4-Trimethylbenzene

Concen: 2.645 ug/L

RT: 11.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

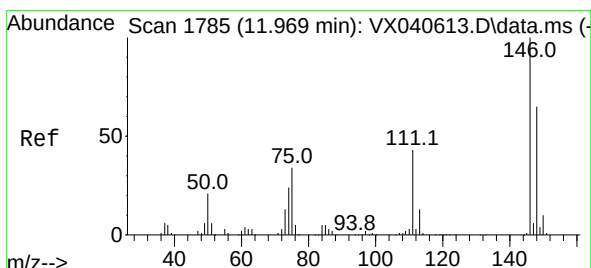
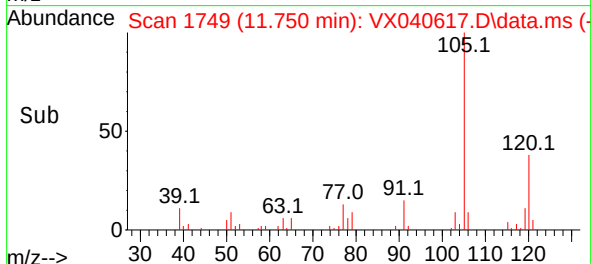
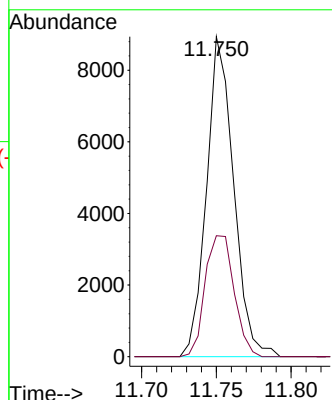
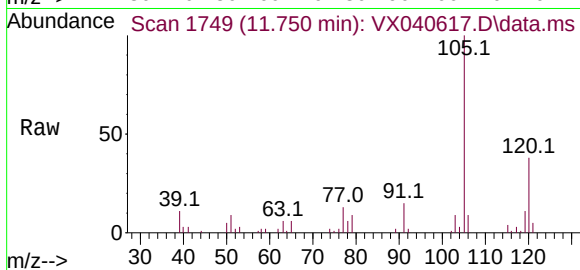
ClientSampleId :

Tgt Ion:105 Resp: 11285

Ion Ratio Lower Upper

105 100

120 40.4 33.9 50.9



#64

1,3-Dichlorobenzene

Concen: 2.908 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

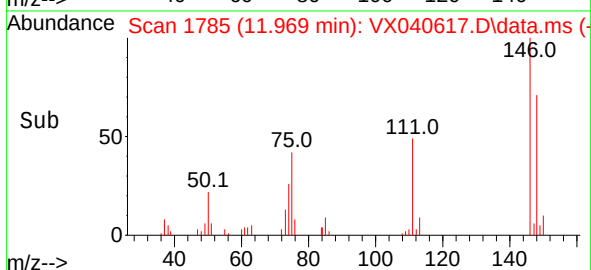
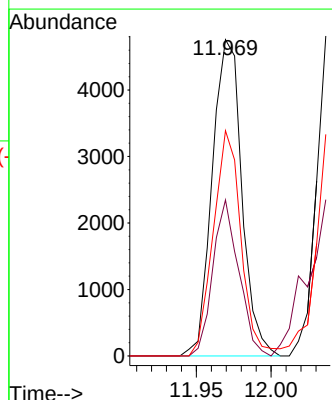
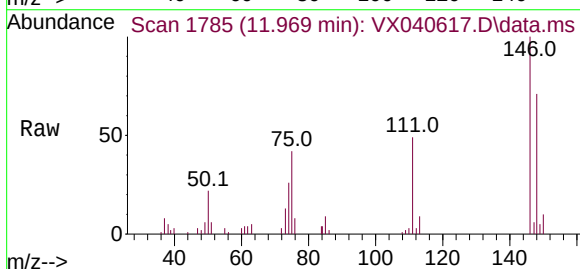
Tgt Ion:146 Resp: 6551

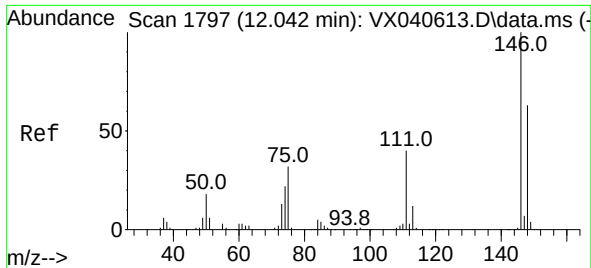
Ion Ratio Lower Upper

146 100

111 49.3 30.0 55.6

148 71.2 44.8 83.2





#65

1,4-Dichlorobenzene

Concen: 3.138 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :

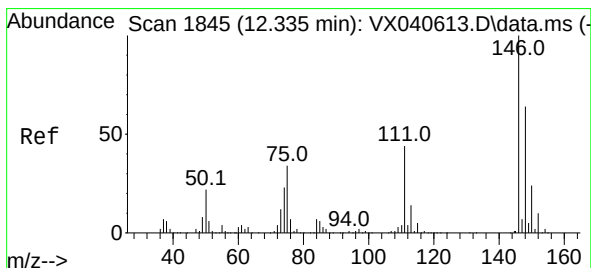
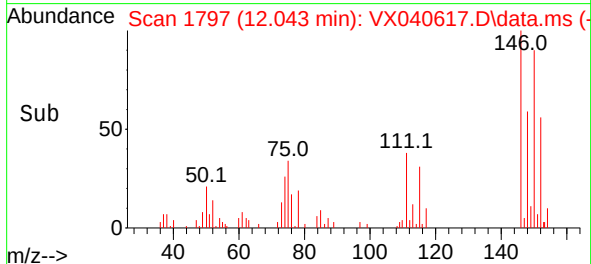
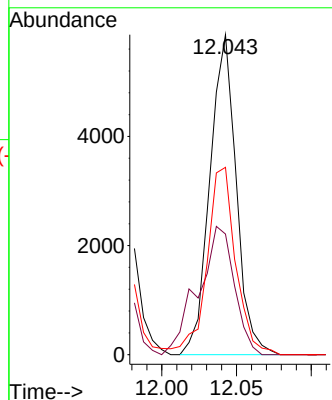
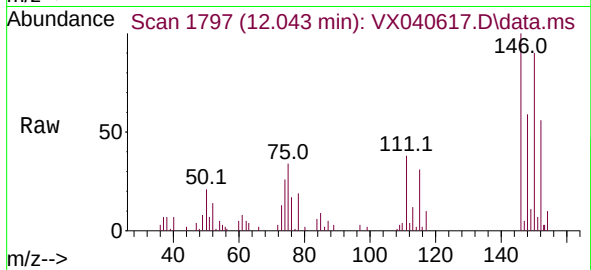
Tgt Ion:146 Resp: 7190

Ion Ratio Lower Upper

146 100

111 37.7 28.8 53.4

148 58.5 45.1 83.7



#67

1,2-Dichlorobenzene

Concen: 3.100 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

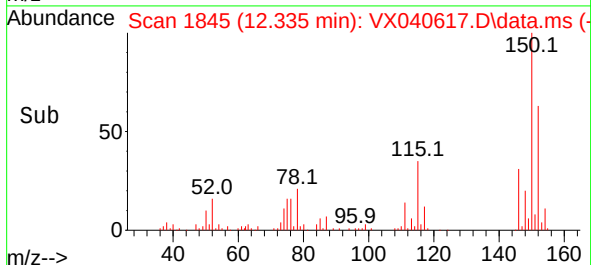
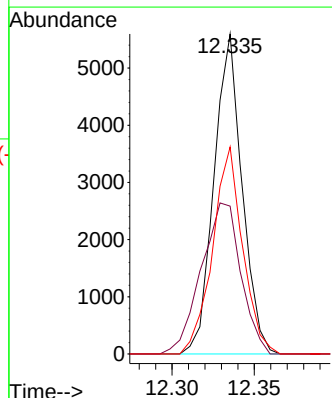
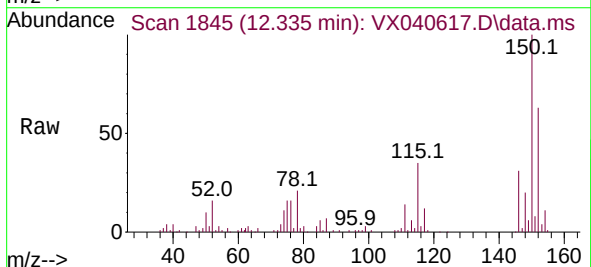
Tgt Ion:146 Resp: 6640

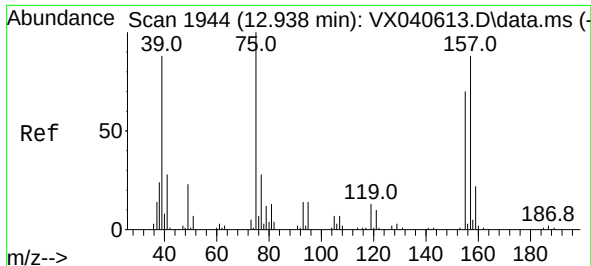
Ion Ratio Lower Upper

146 100

111 46.2 35.8 53.8

148 64.7 51.0 76.4





#68

1,2-Dibromo-3-chloropropane

Concen: 2.407 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

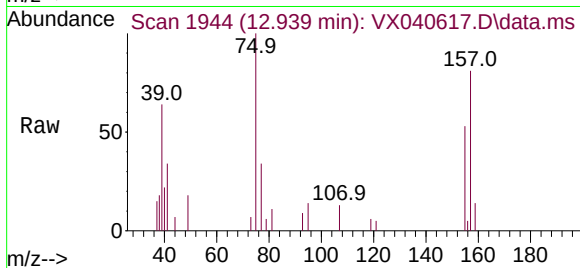
Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

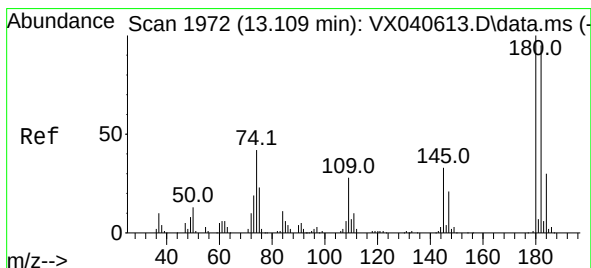
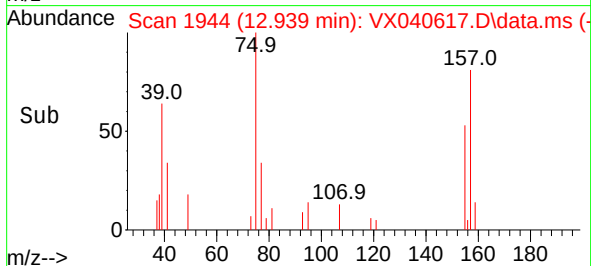
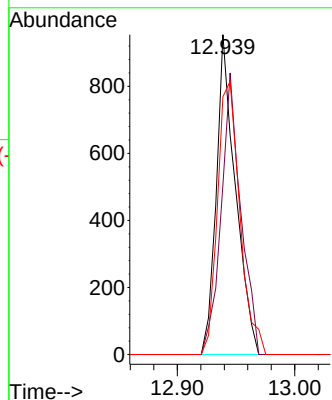
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp:	1076
Ion Ratio	Lower	Upper
75	100	
155	53.0	53.9 80.9#
157	80.6	64.5 96.7



#69

1,3,5-Trichlorobenzene

Concen: 2.883 ug/L

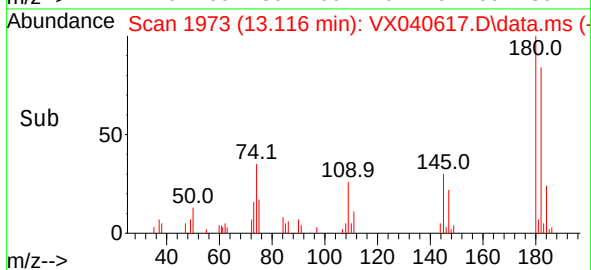
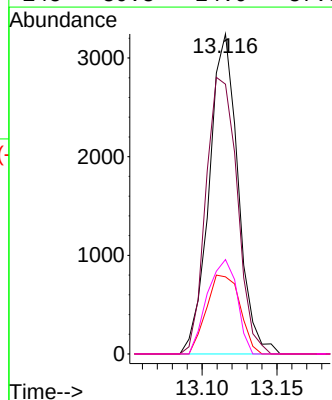
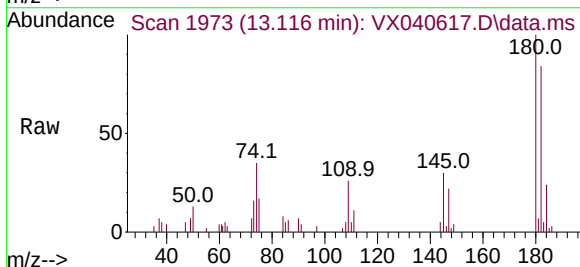
RT: 13.116 min Scan# 1973

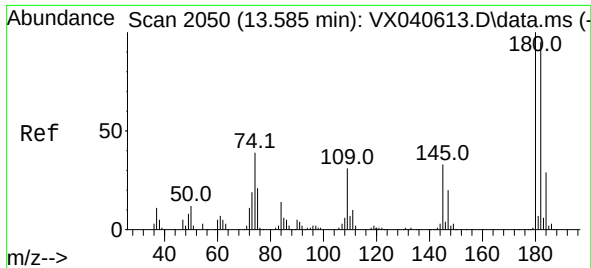
Delta R.T. 0.007 min

Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

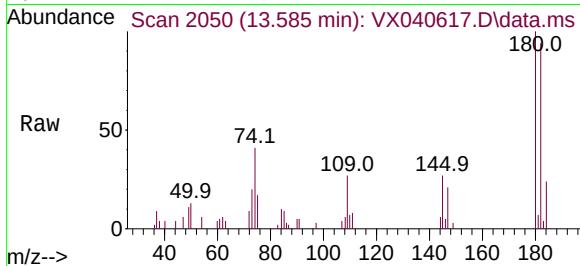
Tgt Ion: 180	Resp:	4360
Ion Ratio	Lower	Upper
180	100	
182	93.4	76.6 115.0
184	28.5	24.3 36.5
145	30.3	24.9 37.3



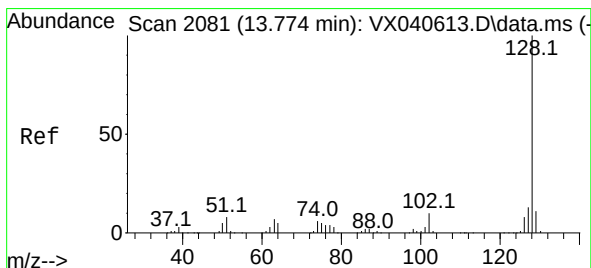
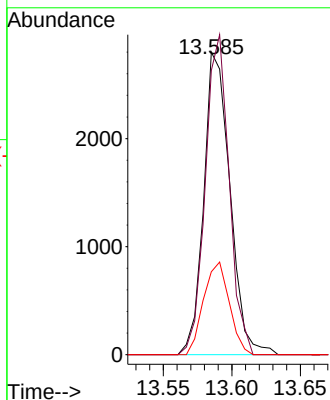
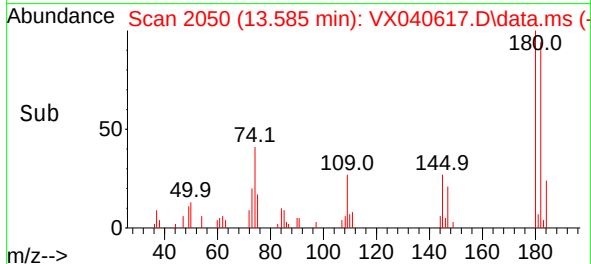


#70
1,2,4-trichlorobenzene
Concen: 2.665 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26

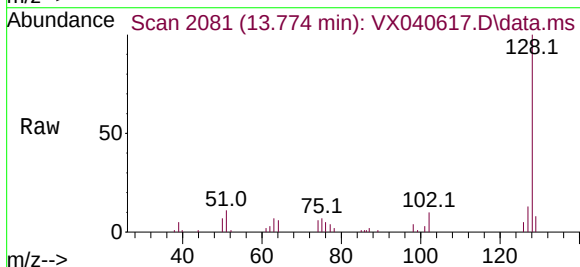
Instrument :
MSVOA_X
ClientSampleId :



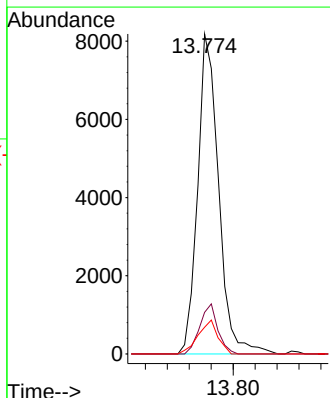
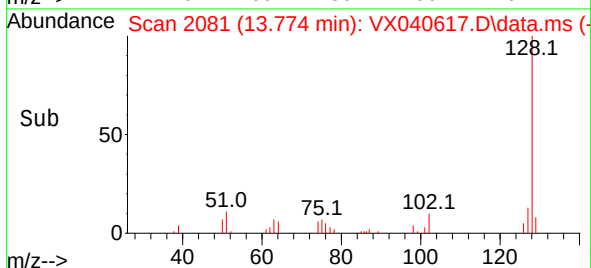
Tgt Ion:180 Resp: 3737
Ion Ratio Lower Upper
180 100
182 95.8 75.1 112.7
145 29.9 26.2 39.4

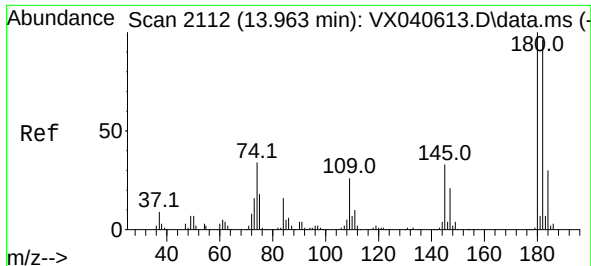


#71
Naphthalene
Concen: 2.438 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040617.D
Acq: 07 Mar 2024 13:26



Tgt Ion:128 Resp: 10866
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 9.9 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 2.754 ug/L

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

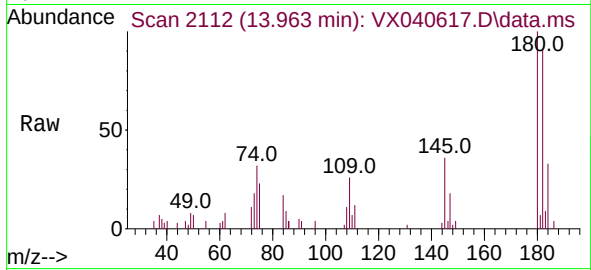
Lab File: VX040617.D

Acq: 07 Mar 2024 13:26

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 3804

Ion Ratio Lower Upper

180 100

182 91.6 76.9 115.3

145 33.6 27.8 41.8

