

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040618.D
 Acq On : 07 Mar 2024 16:34
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 01:29:36 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	6.763	114	139479	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	135065	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62560	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59527	48.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.380%
7) Chloroethane-d5	1.666	69	43838	44.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.820%
11) 1,1-Dichloroethene-d2	2.307	65	26861	47.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.440%
21) 2-Butanone-d5	4.453	46	103320	110.122	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.120%
24) Chloroform-d	5.062	84	120446	53.047	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.100%
26) 1,2-Dichloroethane-d4	5.952	65	85463	50.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
32) Benzene-d6	5.977	84	210817	50.876	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	7.306	67	66025	51.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.820%
41) Toluene-d8	8.647	98	197376	49.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
43) trans-1,3-Dichloroprop...	8.952	79	33974	49.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.400%
47) 2-Hexanone-d5	9.385	63	76363	107.763	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	91782	47.733	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	75662	57.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.480%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	66253	53.219	ug/L	100
3) Chloromethane	1.295	50	58313	53.883	ug/L	100
5) Vinyl chloride	1.374	62	64203	54.837	ug/L	95
6) Bromomethane	1.605	94	37640	60.555	ug/L	93
8) Chloroethane	1.685	64	33944	50.562	ug/L	98
9) Trichlorofluoromethane	1.886	101	86440	53.059	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	49808	51.544	ug/L	100
12) 1,1-Dichloroethene	2.319	96	45590	53.623	ug/L	99
13) Acetone	2.380	43	60554	90.380	ug/L	99
14) Carbon disulfide	2.514	76	130605	53.089	ug/L	99
15) Methyl Acetate	2.703	43	61630	54.488	ug/L	99
16) Methylene chloride	2.788	84	50062	53.469	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	47409	54.317	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	169615	56.192	ug/L	99
19) 1,1-Dichloroethane	3.611	63	94312	55.612	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	53287	54.447	ug/L	94
22) 2-Butanone	4.556	43	93304	105.169	ug/L	98
23) Bromochloromethane	4.904	128	26726	53.541	ug/L	94
25) Chloroform	5.093	83	104709	54.714	ug/L	97

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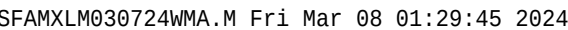
Instrument :
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 ClientSampleId :

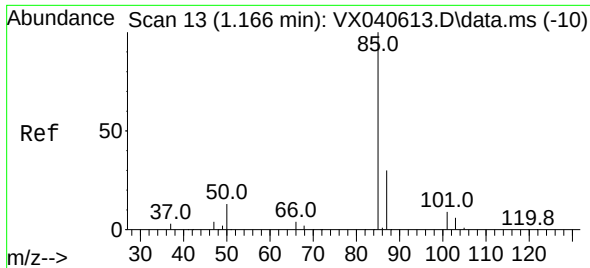
Quant Time: Mar 08 01:29:36 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	93740	55.737	ug/L	100
29) Cyclohexane	5.471	56	78076	52.607	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	88704	52.731	ug/L	99
31) Carbon tetrachloride	5.672	117	74947	53.086	ug/L	99
33) Benzene	6.038	78	197496	54.432	ug/L	100
34) Trichloroethene	7.123	95	57681	53.852	ug/L	96
35) Methylcyclohexane	7.379	83	79999	51.108	ug/L	99
37) 1,2-Dichloropropane	7.428	63	53307	55.495	ug/L	99
38) Bromodichloromethane	7.824	83	76481	53.833	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	85730	53.011	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	181847	110.430	ug/L	100
42) Toluene	8.720	91	213511	53.640	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	83981	53.315	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	53216	53.668	ug/L	98
46) Tetrachloroethene	9.275	164	40238	52.322	ug/L	98
48) 2-Hexanone	9.427	43	145754	106.817	ug/L	99
49) Dibromochloromethane	9.519	129	56562	54.593	ug/L	96
50) 1,2-Dibromoethane	9.610	107	57380	53.810	ug/L	93
51) Chlorobenzene	10.080	112	136353	52.874	ug/L	100
52) Ethylbenzene	10.195	91	249692	53.380	ug/L	99
53) m,p-Xylene	10.299	106	91318	53.700	ug/L	92
54) o-Xylene	10.640	106	80633	49.397	ug/L	98
55) Styrene	10.653	104	137016	48.169	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	79015	48.346	ug/L	100
59) Bromoform	10.799	173	39044	53.809	ug/L	100
60) Isopropylbenzene	10.964	105	216277	51.493	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	67395	54.060	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	193683	55.619	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	184928	53.108	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	97469	53.006	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	98735	52.800	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	104606	59.825	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	23402	64.124	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	75346	61.043	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	69854	61.026	ug/L	99
71) Naphthalene	13.774	128	227027	62.400	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	68563	60.806	ug/L	99

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

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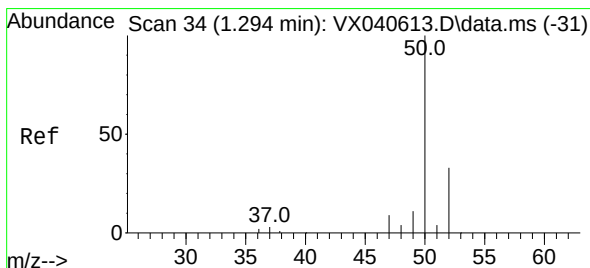
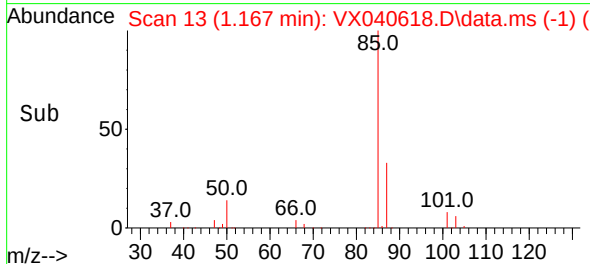
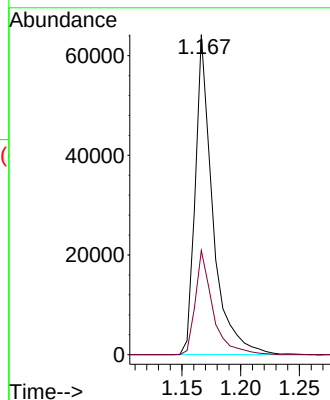
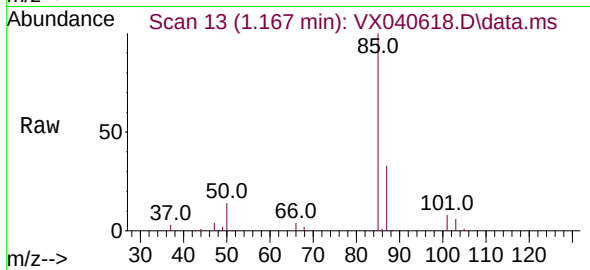




#2
Dichlorodifluoromethane
Concen: 53.219 ug/L
RT: 1.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

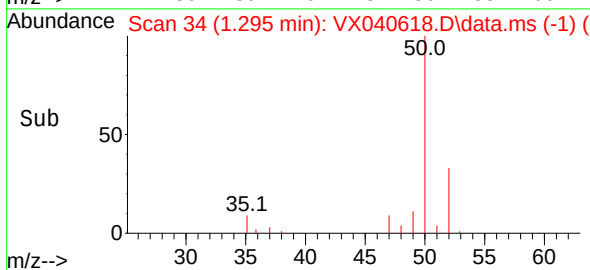
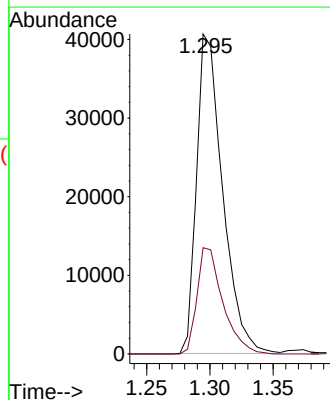
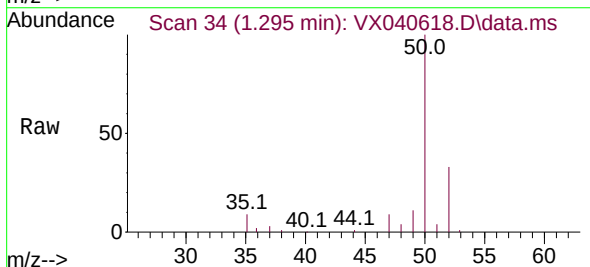
Instrument :
MSVOA_X
ClientSampleId :

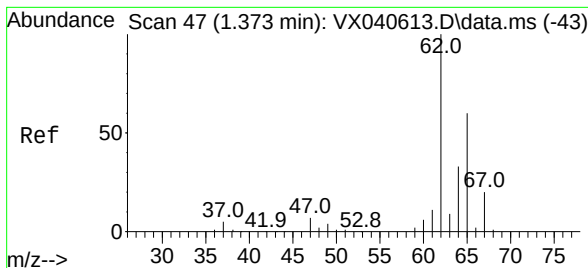
Tgt Ion: 85 Resp: 66253
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 53.883 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

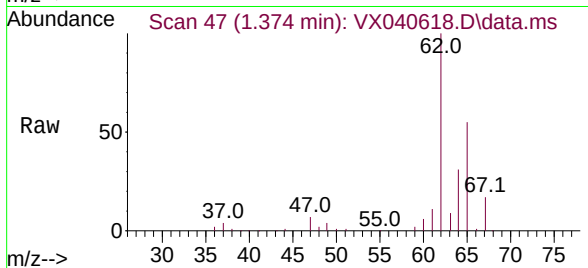
Tgt Ion: 50 Resp: 58313
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9



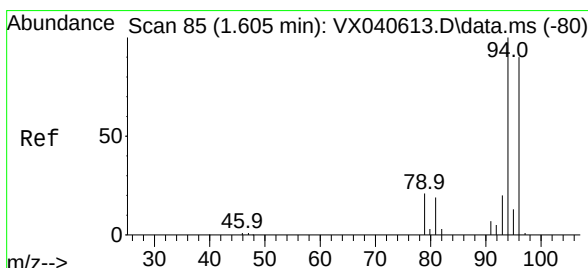
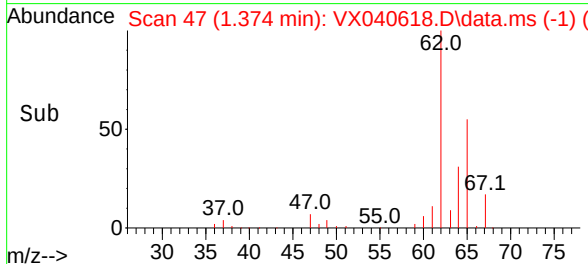
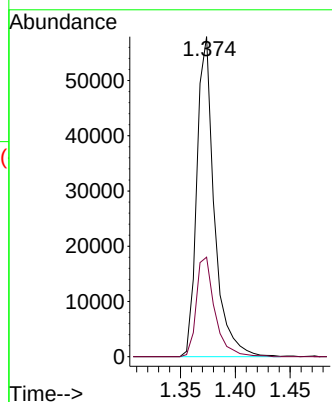


#5
 Vinyl chloride
 Concen: 54.837 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040618.D
 Acq: 07 Mar 2024 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

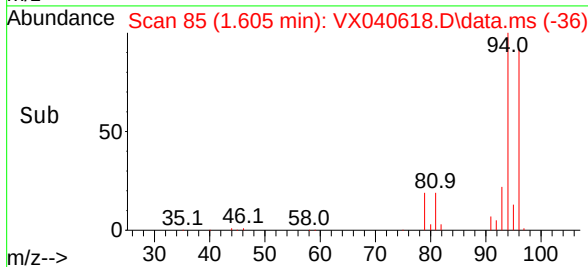
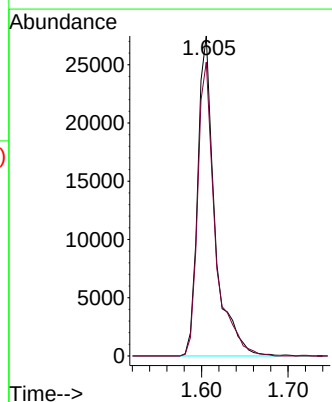
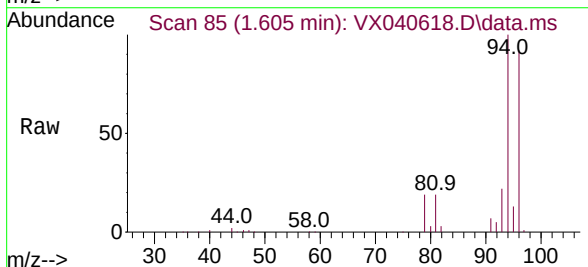


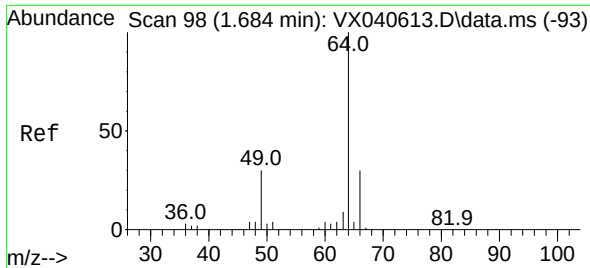
Tgt Ion: 62 Resp: 64203
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.8 44.2



#6
 Bromomethane
 Concen: 60.555 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX040618.D
 Acq: 07 Mar 2024 16:34

Tgt Ion: 94 Resp: 37640
 Ion Ratio Lower Upper
 94 100
 96 91.8 69.0 128.2

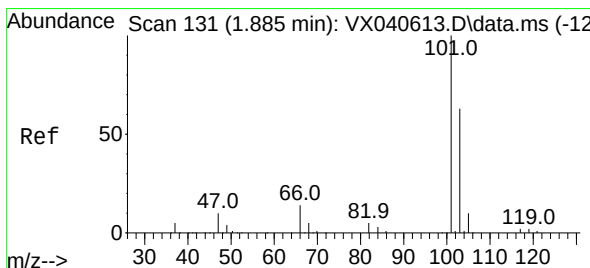
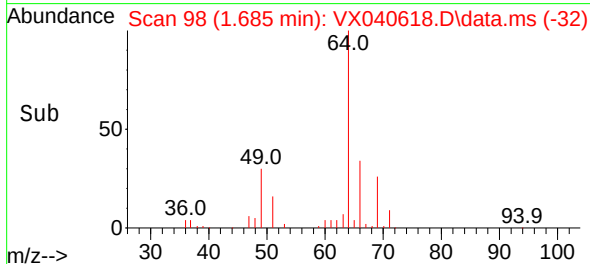
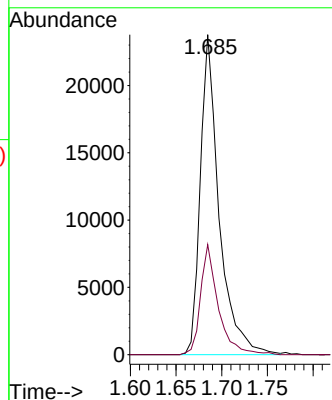
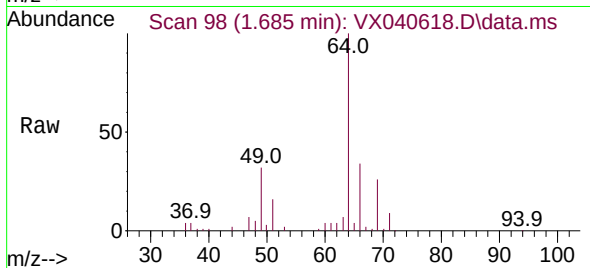




#8
Chloroethane
Concen: 50.562 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

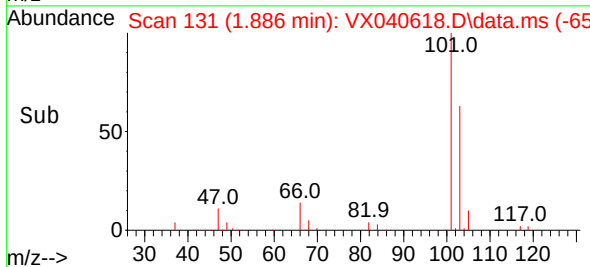
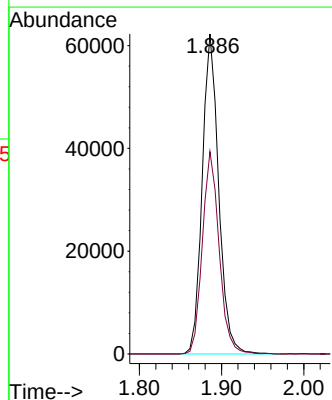
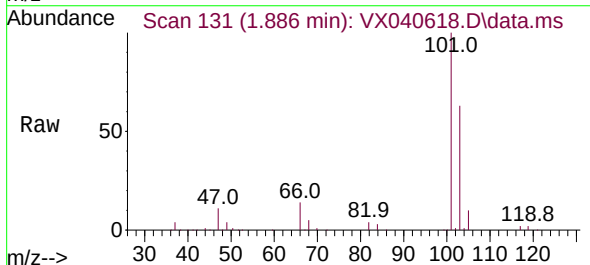
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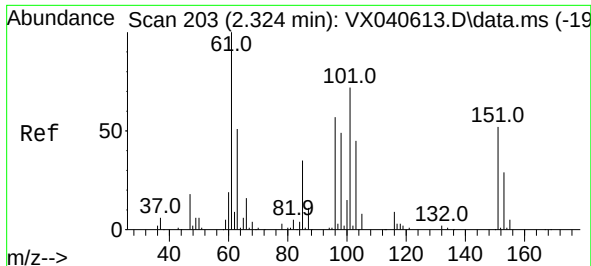
Tgt Ion: 64 Resp: 33944
Ion Ratio Lower Upper
64 100
66 34.4 25.0 46.4



#9
Trichlorofluoromethane
Concen: 53.059 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion:101 Resp: 86440
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

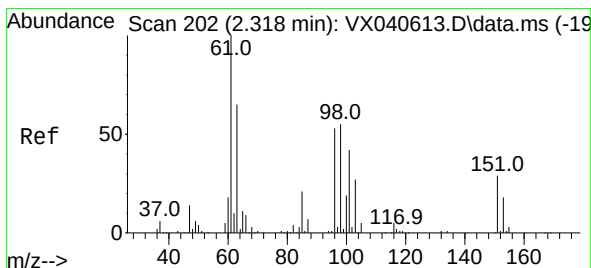
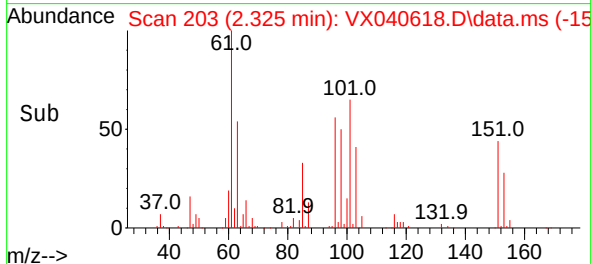
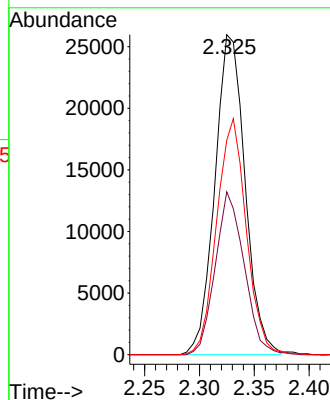
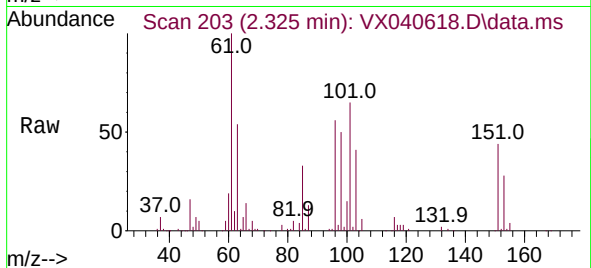




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.544 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

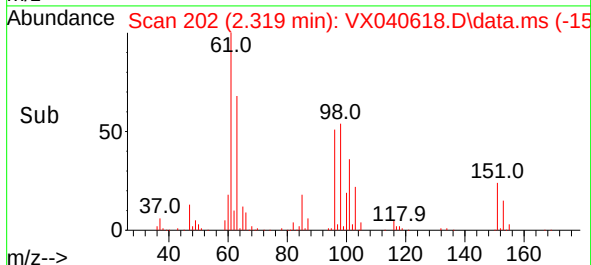
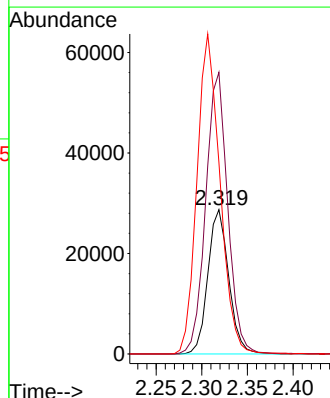
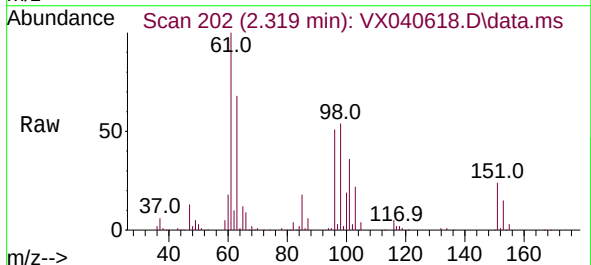
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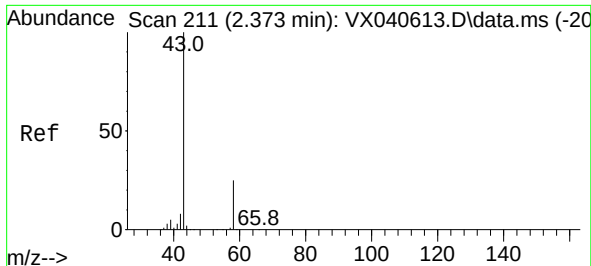
Tgt Ion:101 Resp: 49808
Ion Ratio Lower Upper
101 100
85 48.6 38.3 57.5
151 72.2 57.7 86.5



#12
1,1-Dichloroethene
Concen: 53.623 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion: 96 Resp: 45590
Ion Ratio Lower Upper
96 100
61 195.1 134.8 250.4
63 132.7 92.5 171.9





#13

Acetone

Concen: 90.380 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

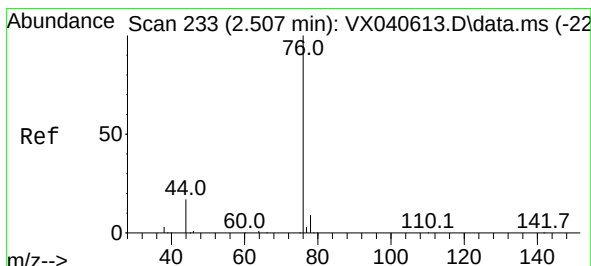
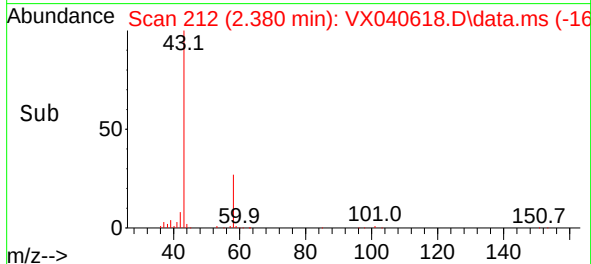
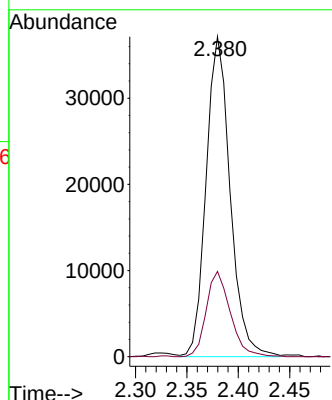
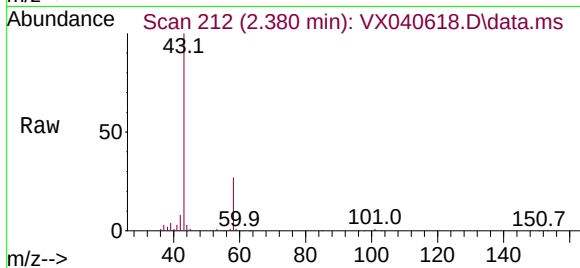
ClientSampleId :

Tgt Ion: 43 Resp: 60554

Ion Ratio Lower Upper

43 100

58 26.6 0.0 54.6



#14

Carbon disulfide

Concen: 53.089 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.007 min

Lab File: VX040618.D

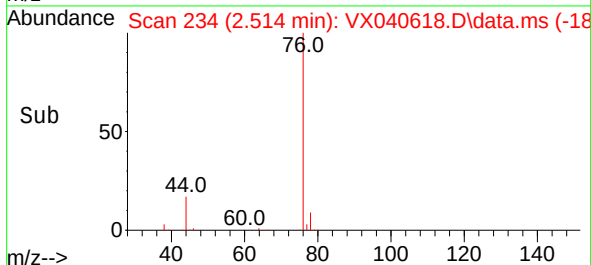
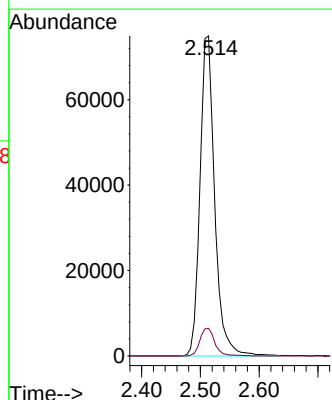
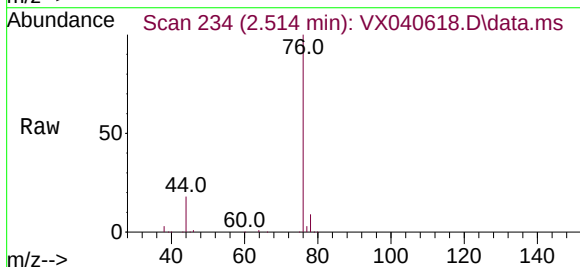
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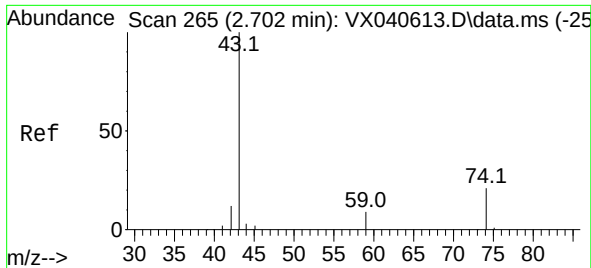
Tgt Ion: 76 Resp: 130605

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8





#15

Methyl Acetate

Concen: 54.488 ug/L

RT: 2.703 min Scan# 2

Delta R.T. 0.001 min

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Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

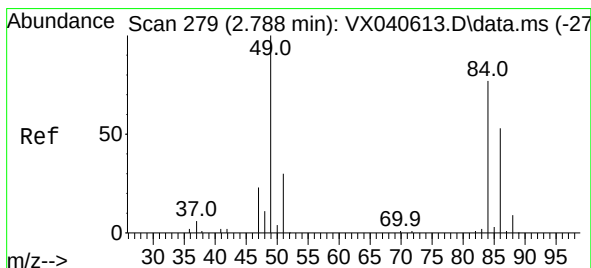
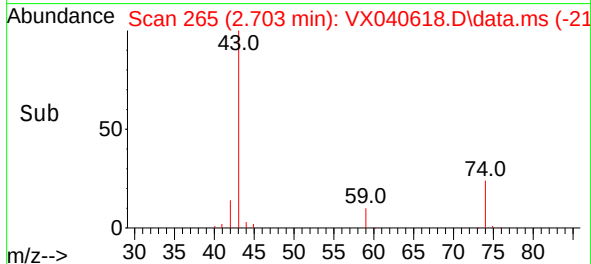
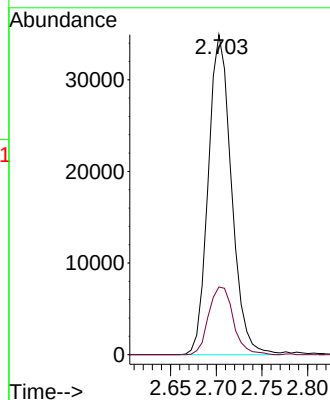
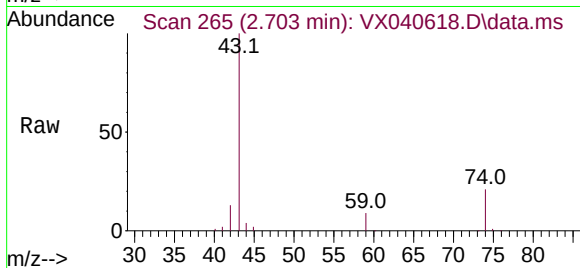
ClientSampleId :

Tgt Ion: 43 Resp: 61630

Ion Ratio Lower Upper

43 100

74 22.4 17.6 26.4



#16

Methylene chloride

Concen: 53.469 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.001 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

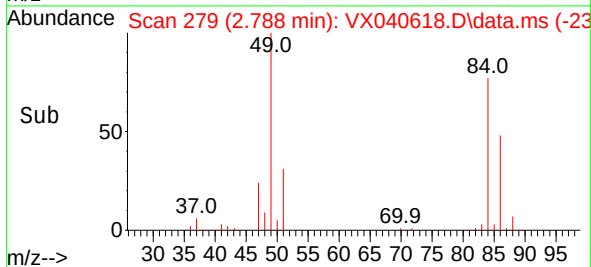
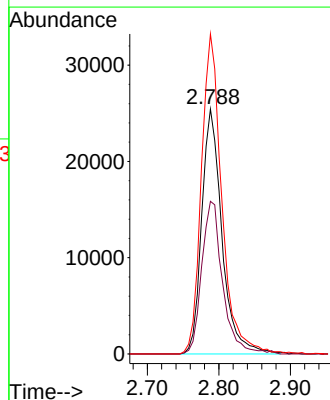
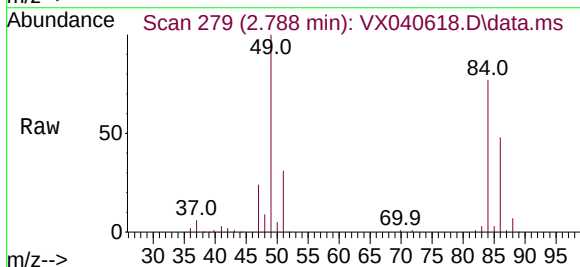
Tgt Ion: 84 Resp: 50062

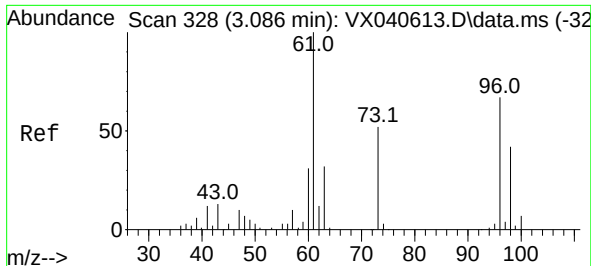
Ion Ratio Lower Upper

84 100

86 62.3 45.8 85.2

49 130.7 92.6 172.0

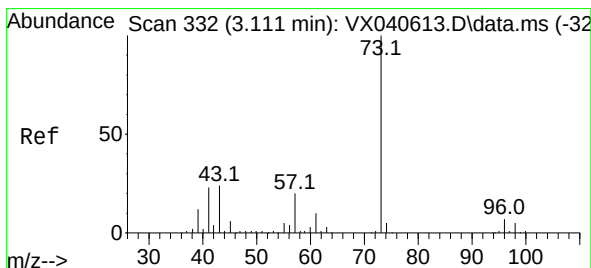
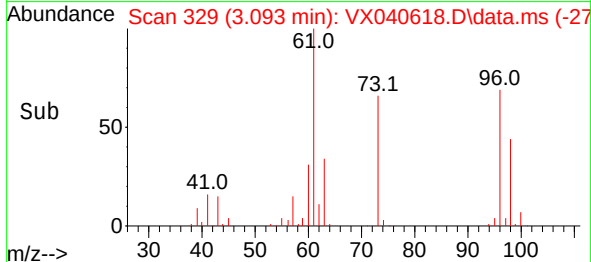
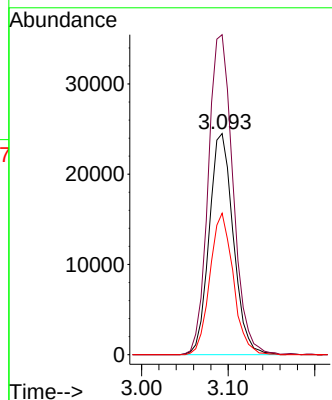
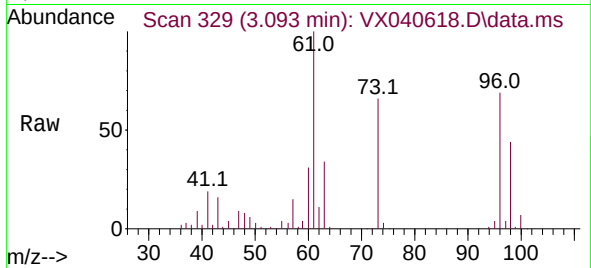




#17
trans-1,2-Dichloroethene
Concen: 54.317 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

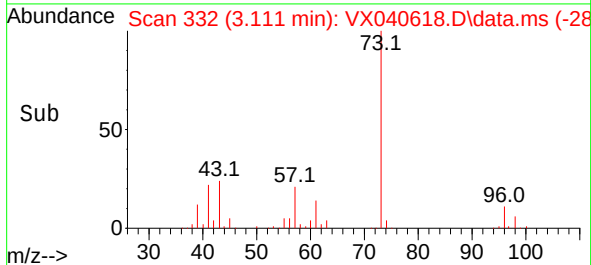
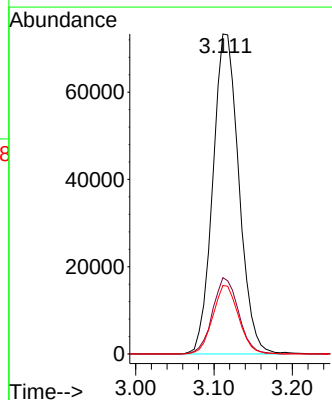
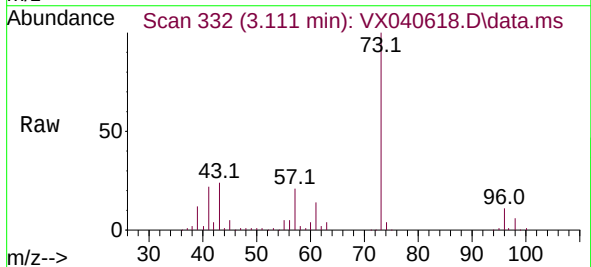
Instrument :
MSVOA_X
ClientSampleId :

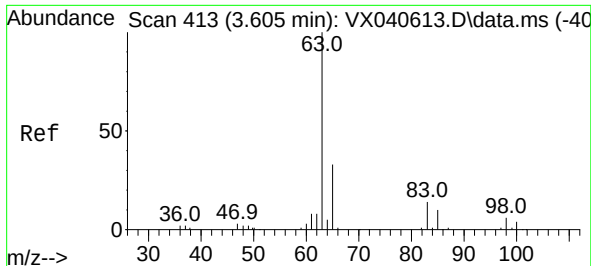
Tgt Ion: 96 Resp: 47409
Ion Ratio Lower Upper
96 100
61 144.7 106.6 198.0
98 64.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 56.192 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion: 73 Resp: 169615
Ion Ratio Lower Upper
73 100
43 23.8 19.3 28.9
57 21.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 55.612 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

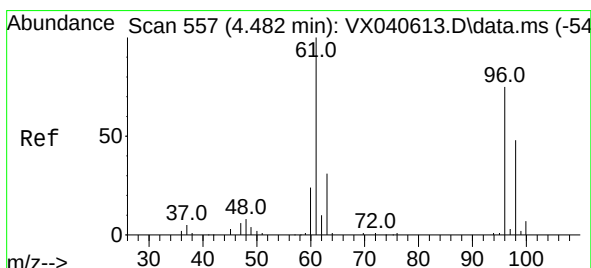
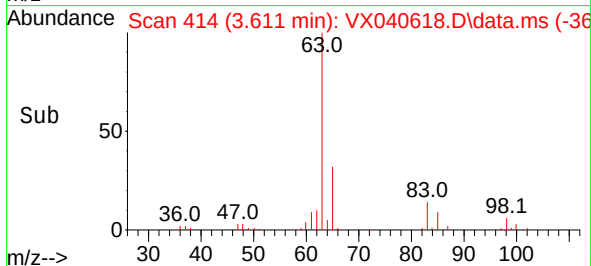
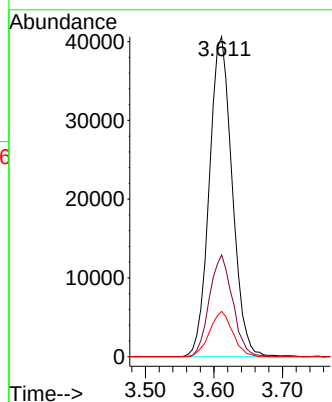
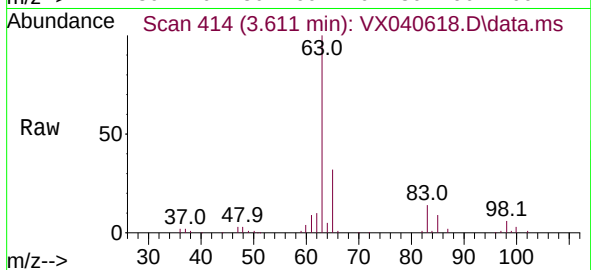
Tgt Ion: 63 Resp: 94312

Ion Ratio Lower Upper

63 100

65 31.8 23.1 42.9

83 14.1 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 54.447 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

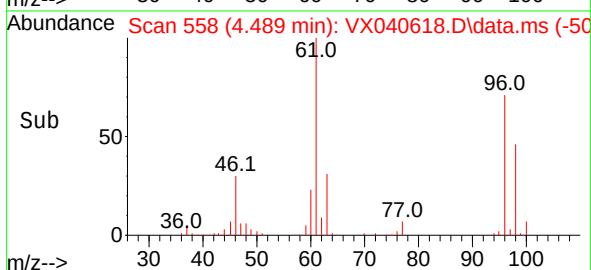
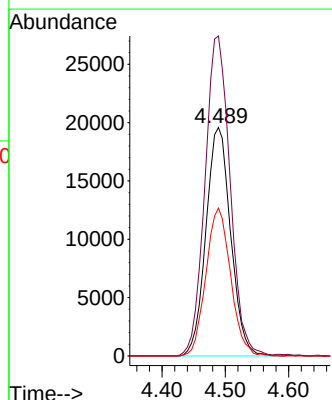
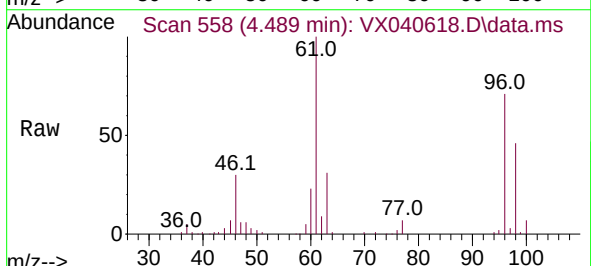
Tgt Ion: 96 Resp: 53287

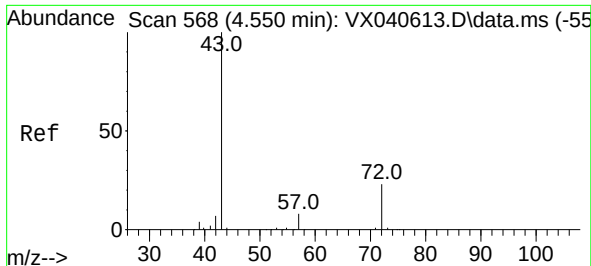
Ion Ratio Lower Upper

96 100

61 140.0 93.0 172.8

98 64.7 42.4 78.6





#22

2-Butanone

Concen: 105.169 ug/L

RT: 4.556 min Scan# 5

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

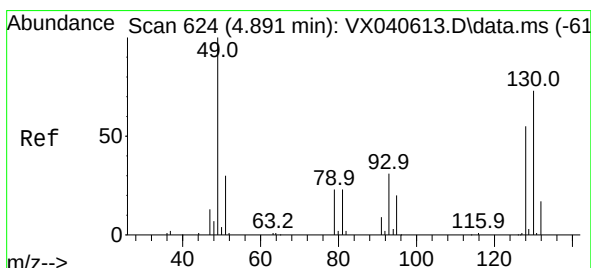
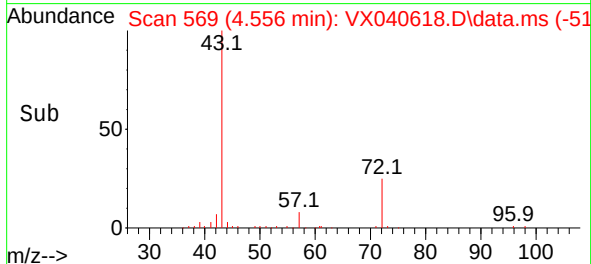
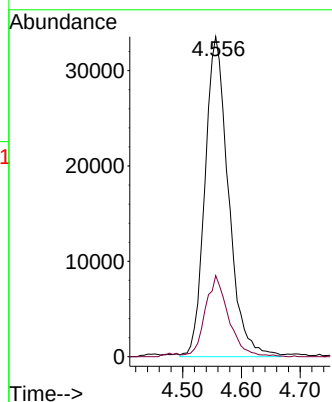
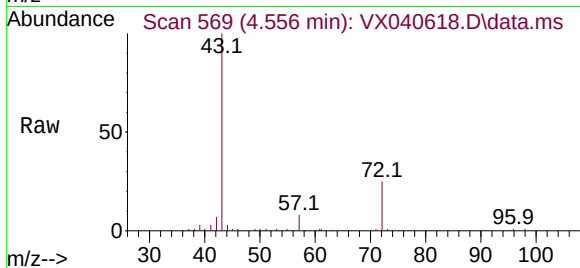
ClientSampleId :

Tgt Ion: 43 Resp: 93304

Ion Ratio Lower Upper

43 100

72 23.9 12.4 37.2



#23

Bromochloromethane

Concen: 53.541 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.013 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Tgt Ion:128 Resp: 26726

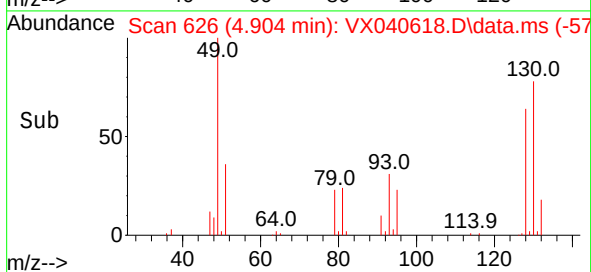
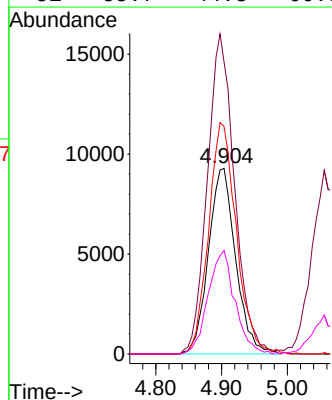
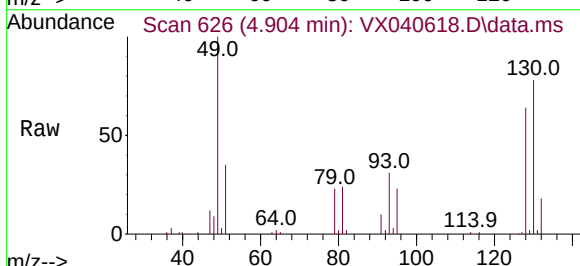
Ion Ratio Lower Upper

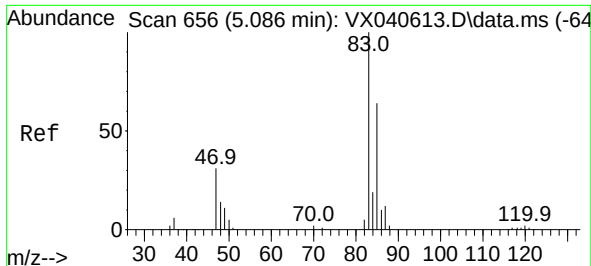
128 100

49 157.3 118.1 219.3

130 122.6 89.4 166.0

51 55.7 44.3 66.5





#25

Chloroform

Concen: 54.714 ug/L

RT: 5.093 min Scan# 60

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

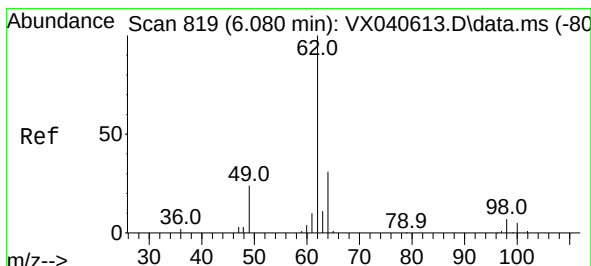
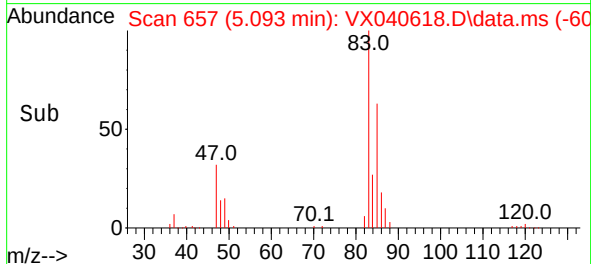
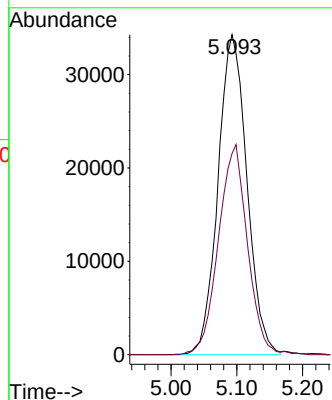
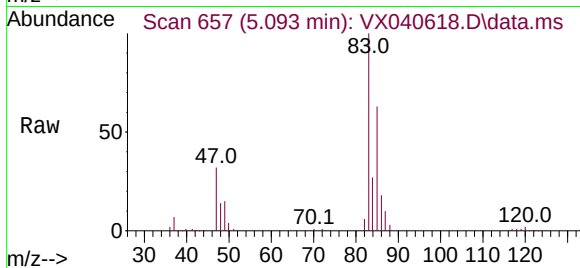
ClientSampleId :

Tgt Ion: 83 Resp: 104709

Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 55.737 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.007 min

Lab File: VX040618.D

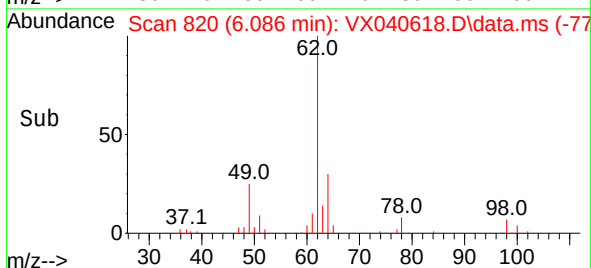
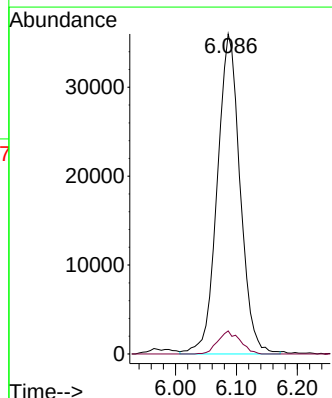
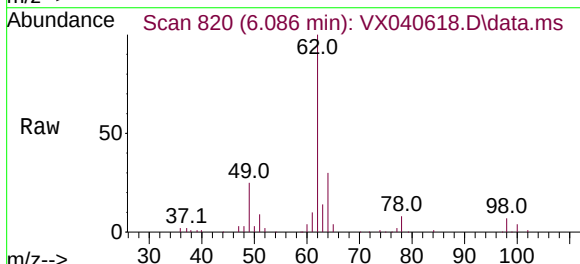
Acq: 07 Mar 2024 16:34

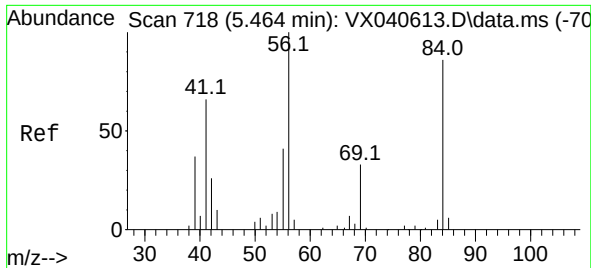
Tgt Ion: 62 Resp: 93740

Ion Ratio Lower Upper

62 100

98 7.2 5.8 8.6





#29

Cyclohexane

Concen: 52.607 ug/L

RT: 5.471 min Scan# 718

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

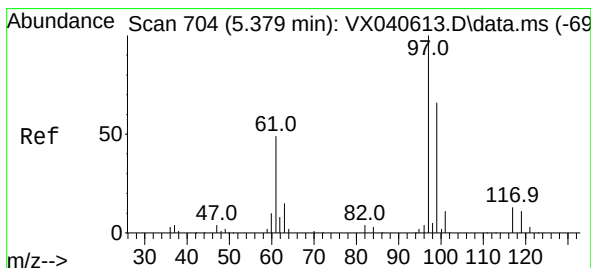
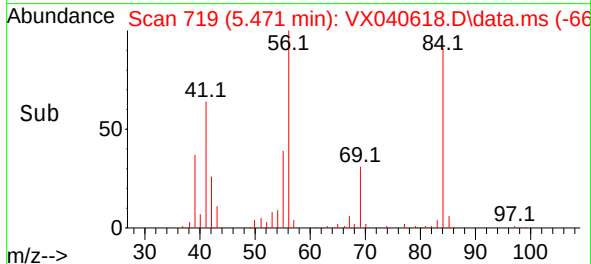
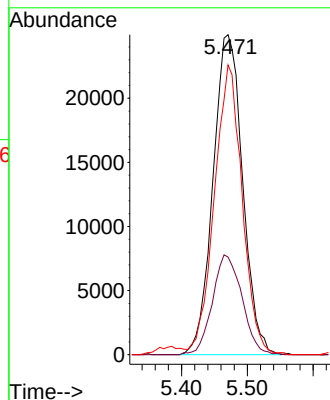
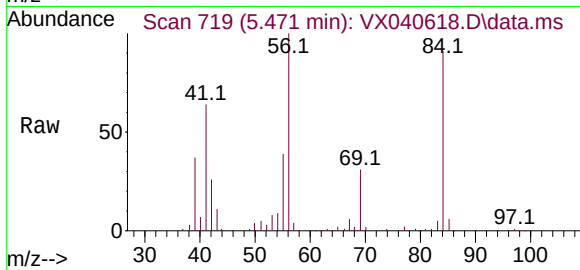
Tgt Ion: 56 Resp: 78076

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.4

84 85.1 70.6 105.8



#30

1,1,1-Trichloroethane

Concen: 52.731 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

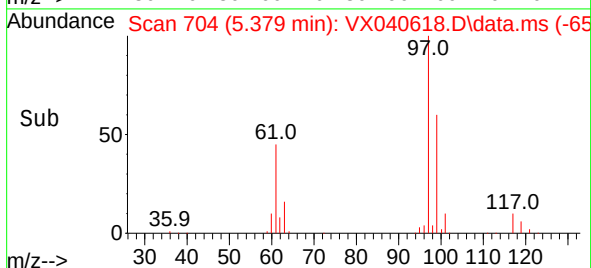
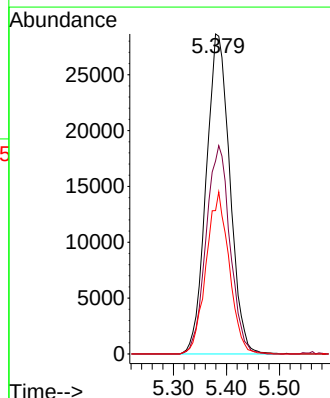
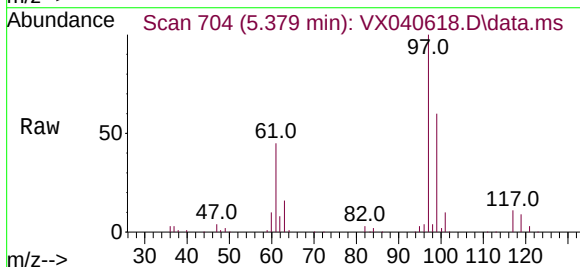
Tgt Ion: 97 Resp: 88704

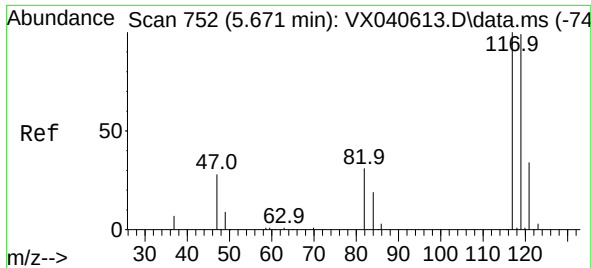
Ion Ratio Lower Upper

97 100

99 65.8 52.1 78.1

61 49.3 38.3 57.5

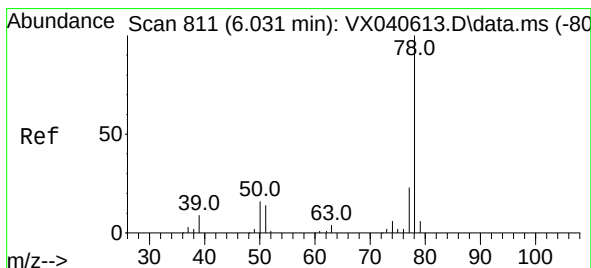
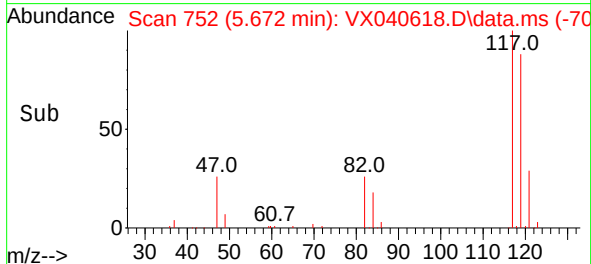
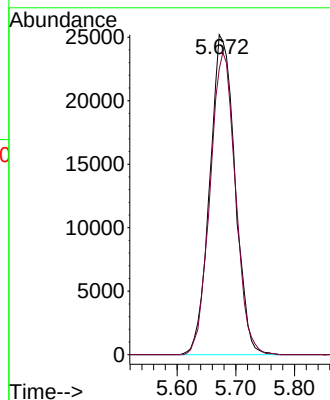
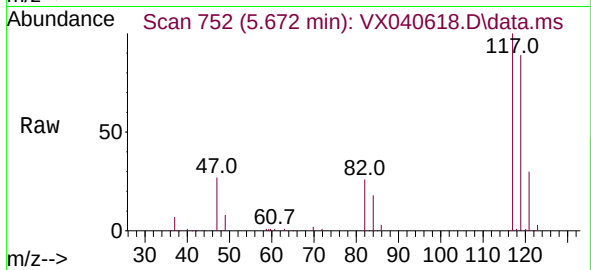




#31
Carbon tetrachloride
Concen: 53.086 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

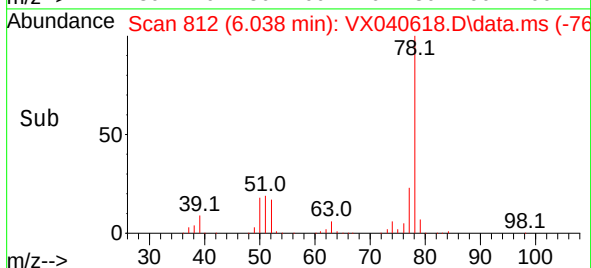
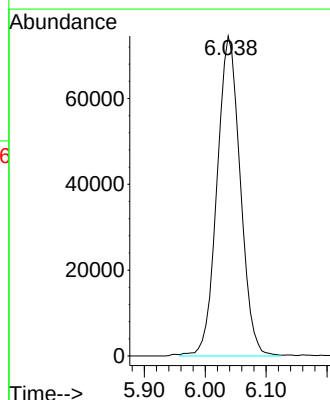
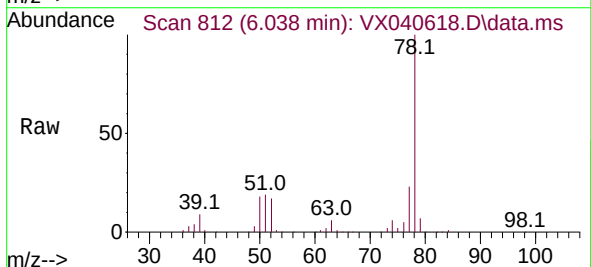
Instrument :
MSVOA_X
ClientSampleId :

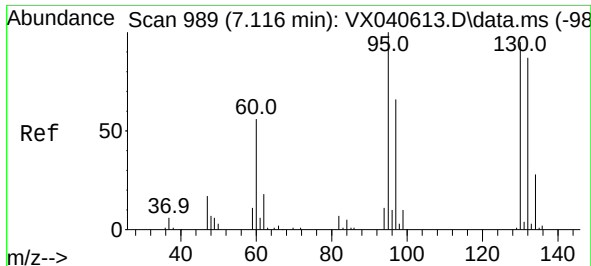
Tgt Ion:117 Resp: 74947
Ion Ratio Lower Upper
117 100
119 95.0 75.4 113.2



#33
Benzene
Concen: 54.432 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion: 78 Resp: 197496

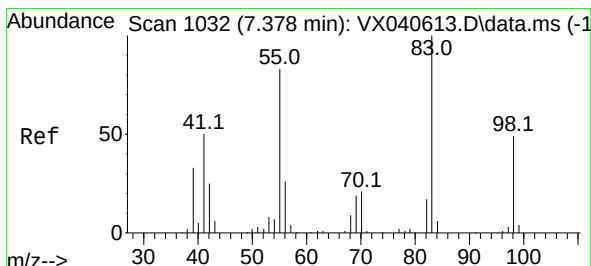
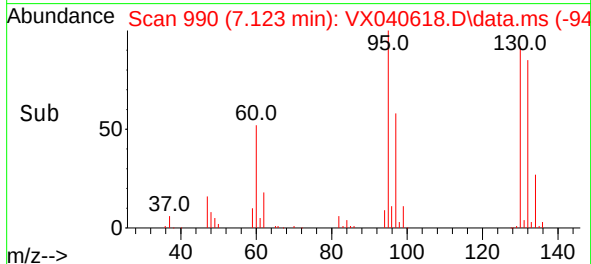
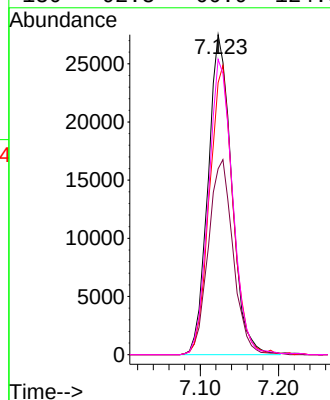
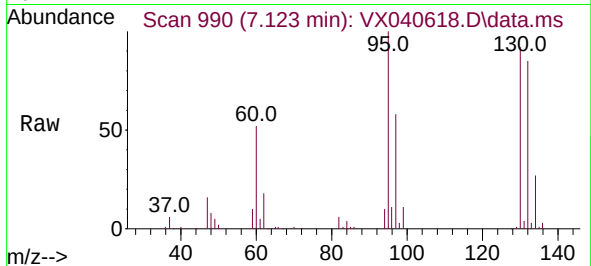




#34
Trichloroethene
Concen: 53.852 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.007 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

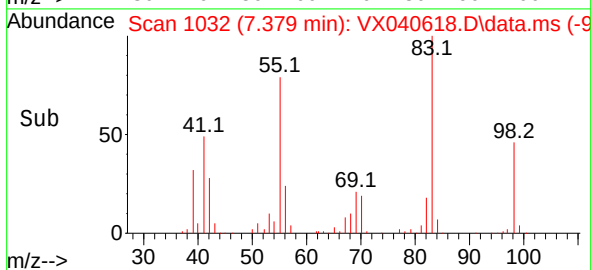
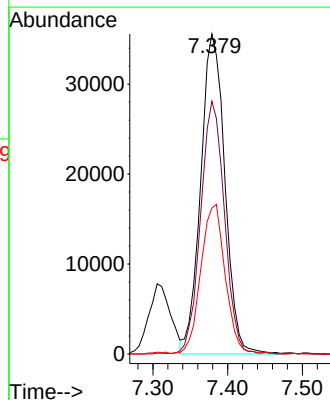
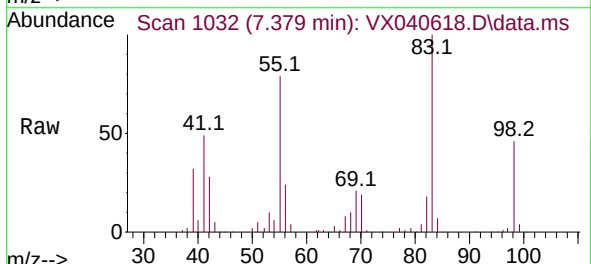
Instrument :
MSVOA_X
ClientSampleId :

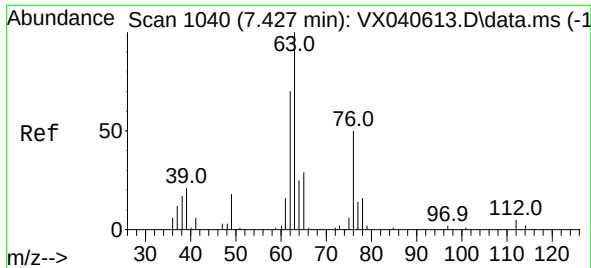
Tgt Ion: 95 Resp: 57681
Ion Ratio Lower Upper
95 100
97 58.1 44.7 83.1
132 85.0 61.5 114.3
130 92.3 66.9 124.3



#35
Methylcyclohexane
Concen: 51.108 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion: 83 Resp: 79999
Ion Ratio Lower Upper
83 100
55 77.6 62.6 94.0
98 47.0 37.4 56.2

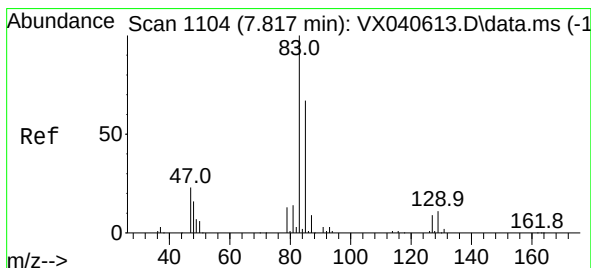
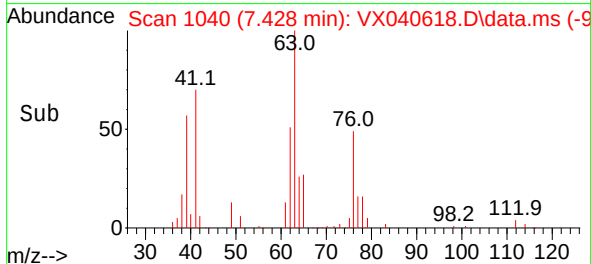
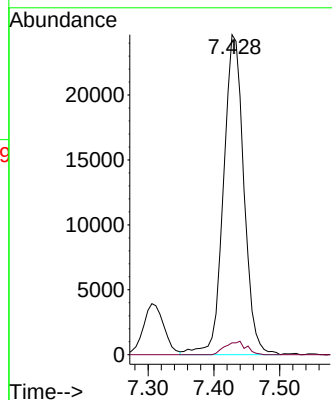
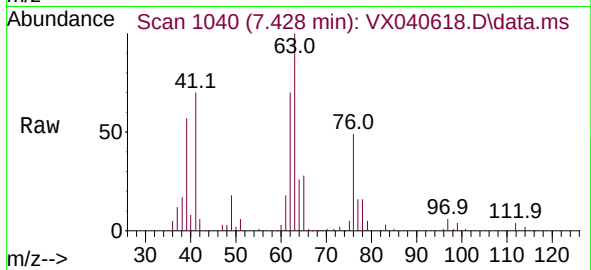




#37
1,2-Dichloropropane
Concen: 55.495 ug/L
RT: 7.428 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

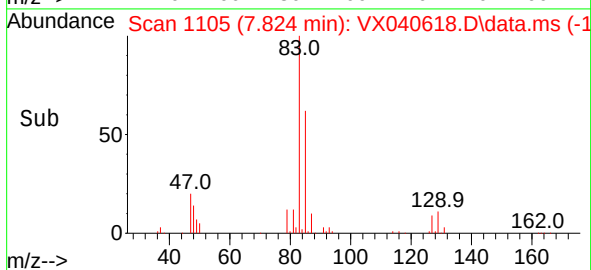
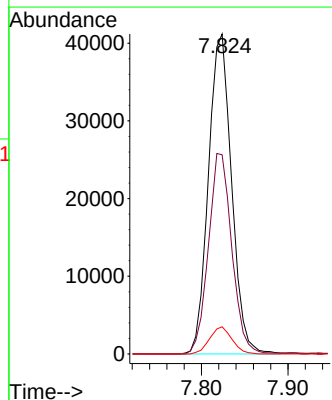
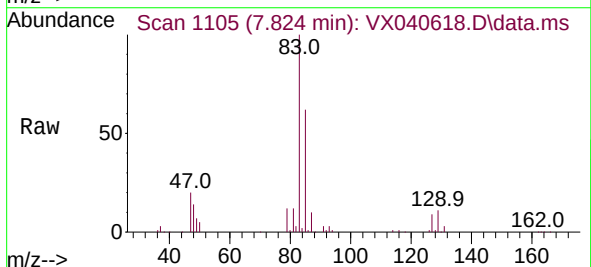
Instrument :
MSVOA_X
ClientSampleId :

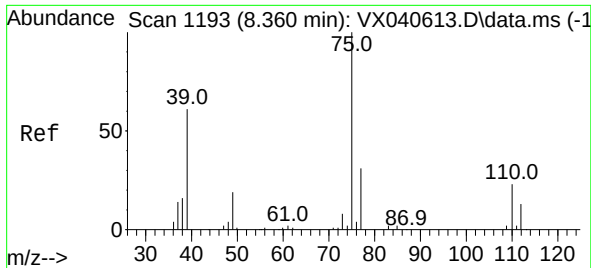
Tgt Ion: 63 Resp: 53307
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7



#38
Bromodichloromethane
Concen: 53.833 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion: 83 Resp: 76481
Ion Ratio Lower Upper
83 100
85 62.3 42.8 79.4
127 8.5 6.5 9.7

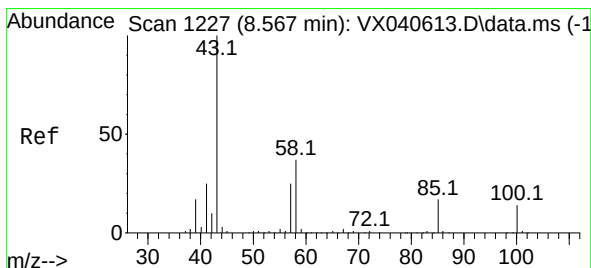
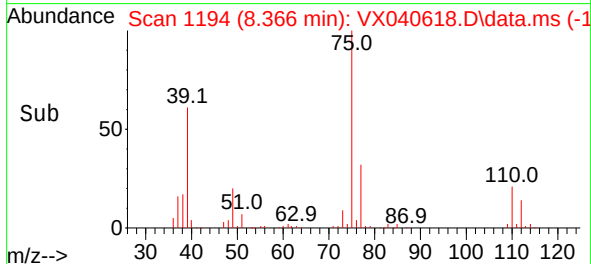
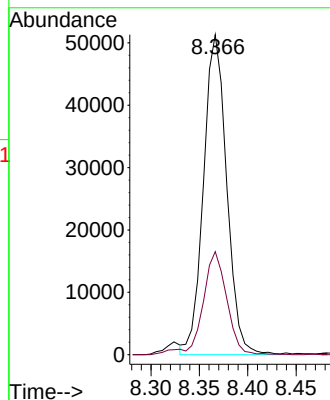
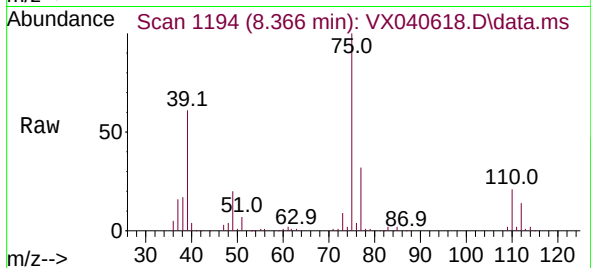




#39
cis-1,3-Dichloropropene
Concen: 53.011 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.007 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

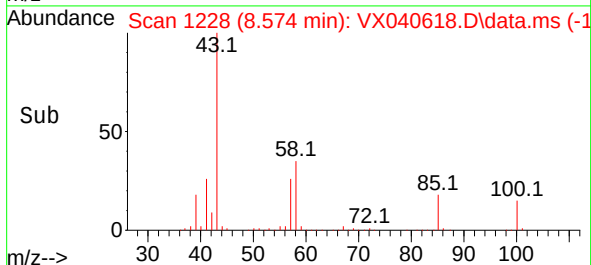
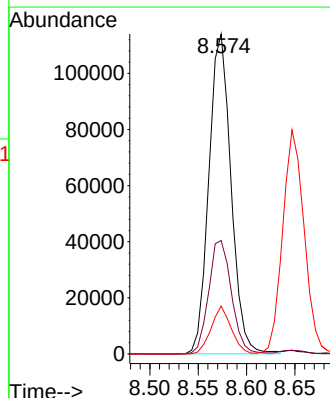
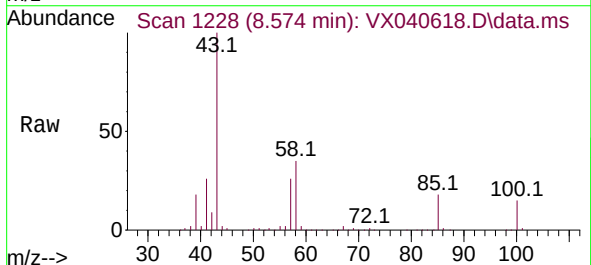
Instrument :
MSVOA_X
ClientSampleId :

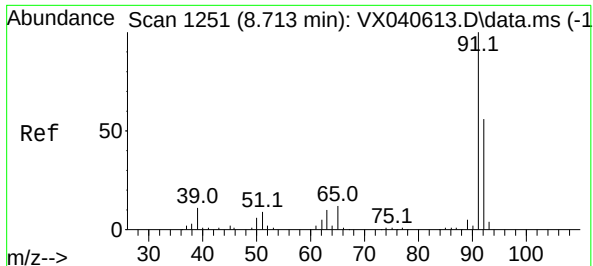
Tgt Ion: 75 Resp: 85730
Ion Ratio Lower Upper
75 100
77 32.2 21.1 39.3



#40
4-Methyl-2-pentanone
Concen: 110.430 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.007 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion: 43 Resp: 181847
Ion Ratio Lower Upper
43 100
58 36.5 29.3 43.9
100 13.6 10.7 16.1





#42

Toluene

Concen: 53.640 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

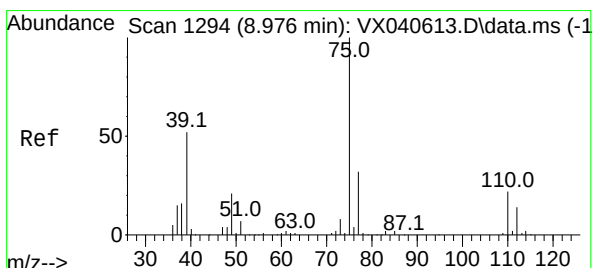
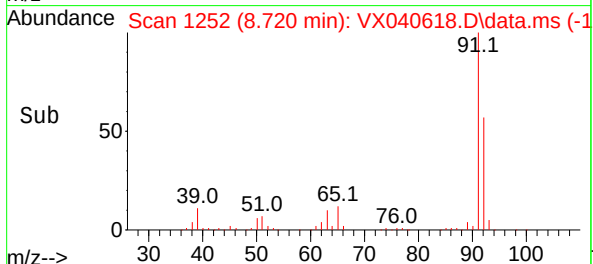
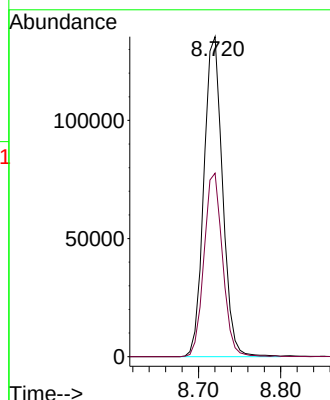
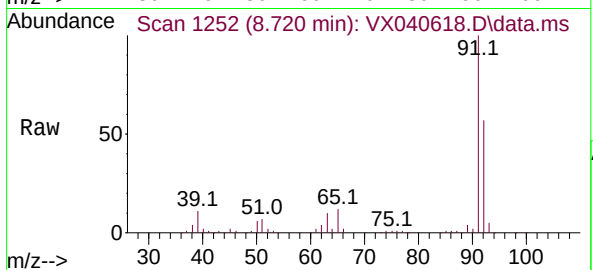
ClientSampleId :

Tgt Ion: 91 Resp: 213511

Ion Ratio Lower Upper

91 100

92 57.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 53.315 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040618.D

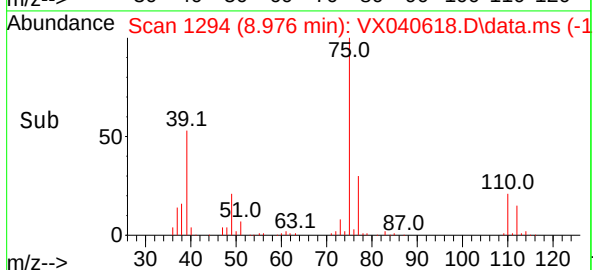
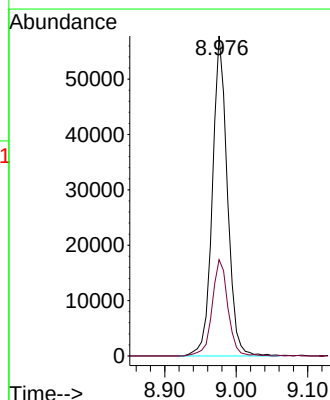
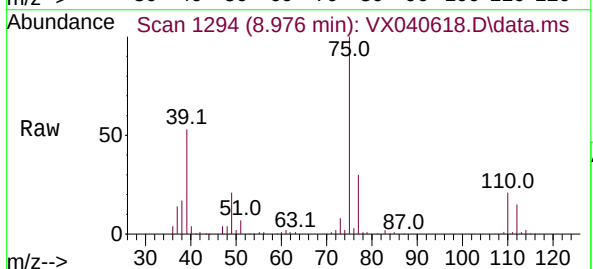
Acq: 07 Mar 2024 16:34

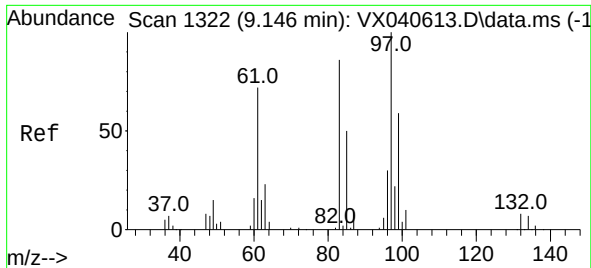
Tgt Ion: 75 Resp: 83981

Ion Ratio Lower Upper

75 100

77 30.1 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 53.668 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.007 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 53216

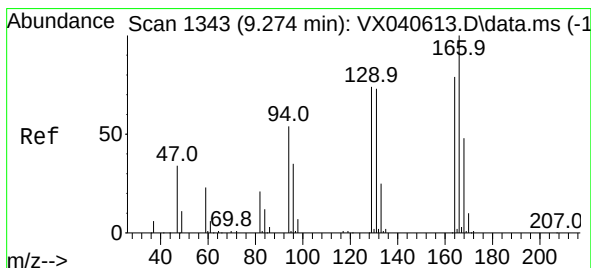
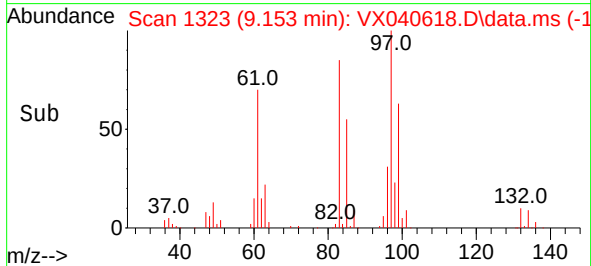
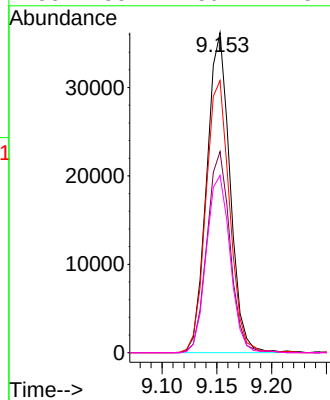
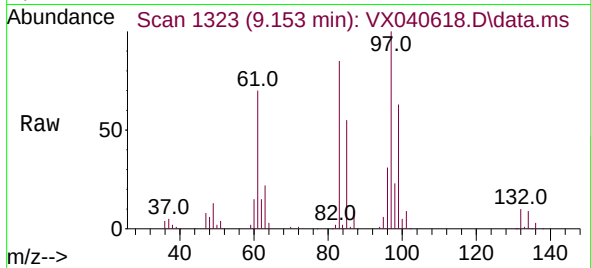
Ion Ratio Lower Upper

97 100

99 62.9 42.6 79.0

83 85.1 59.2 110.0

85 55.4 39.7 73.7



#46

Tetrachloroethene

Concen: 52.322 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Tgt Ion:164 Resp: 40238

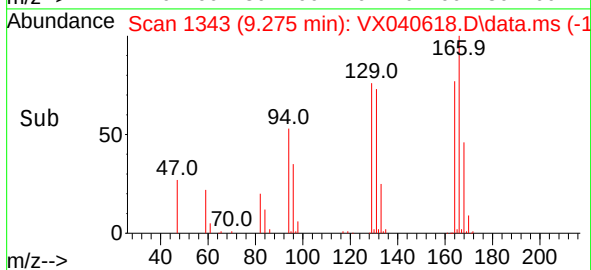
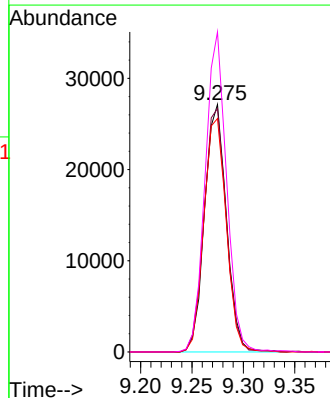
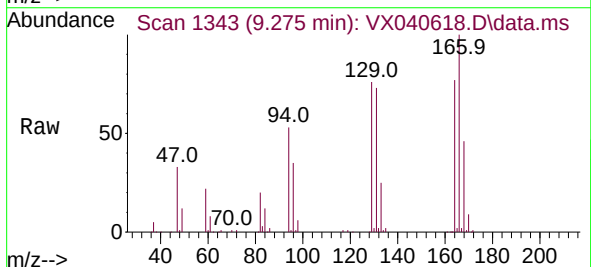
Ion Ratio Lower Upper

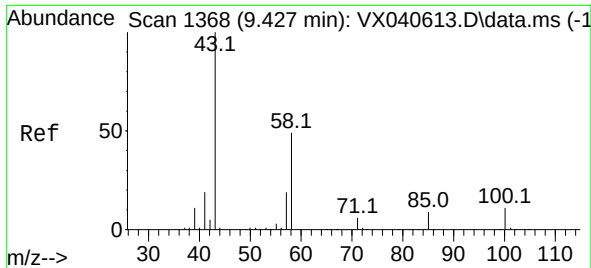
164 100

129 98.3 67.8 126.0

131 94.3 67.8 126.0

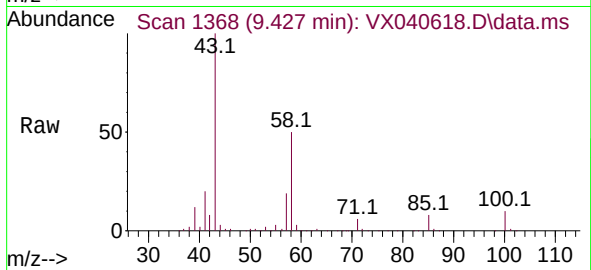
166 129.3 88.2 163.8





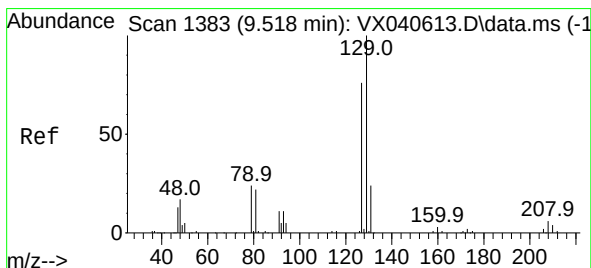
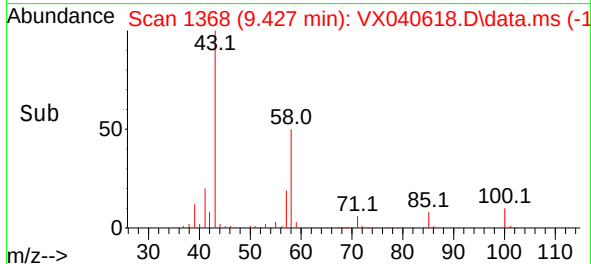
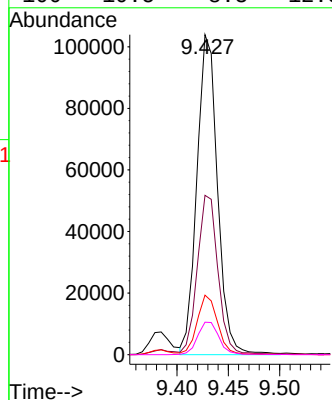
#48
2-Hexanone
Concen: 106.817 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.001 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 145754

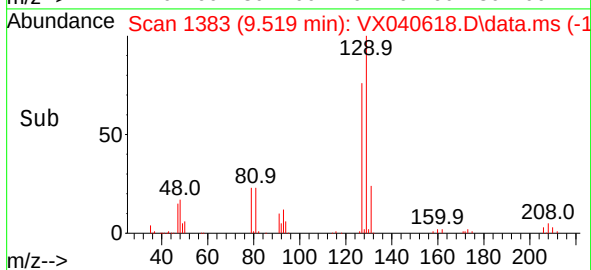
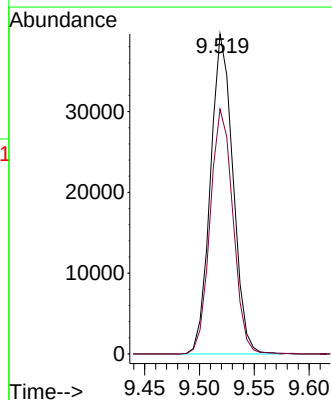
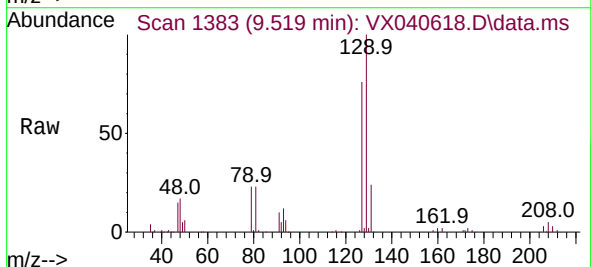
Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.0	61.6
57	18.6	14.8	22.2
100	10.5	8.3	12.5

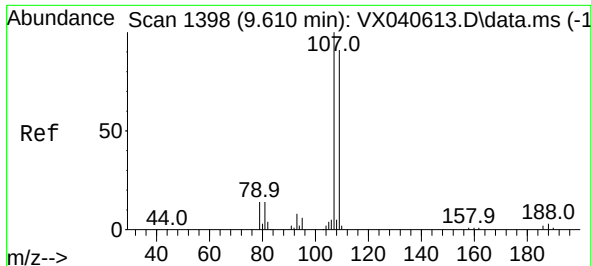


#49
Dibromochloromethane
Concen: 54.593 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion:129 Resp: 56562

Ion	Ratio	Lower	Upper
129	100		
127	76.5	55.8	103.6





#50

1,2-Dibromoethane

Concen: 53.810 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040618.D

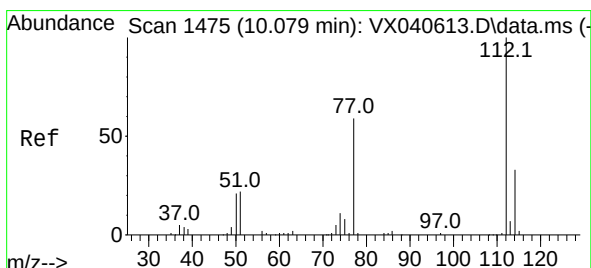
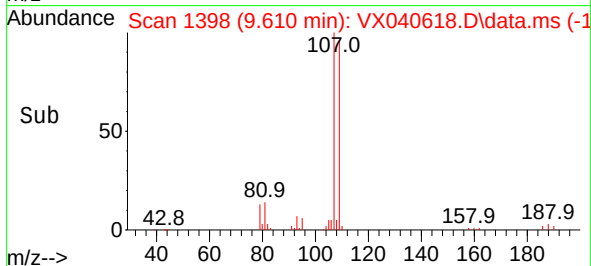
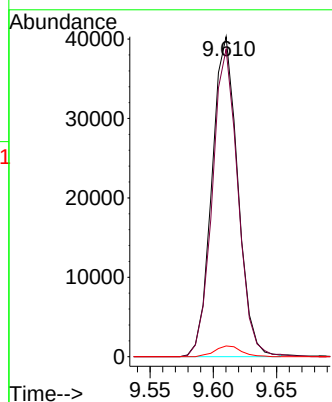
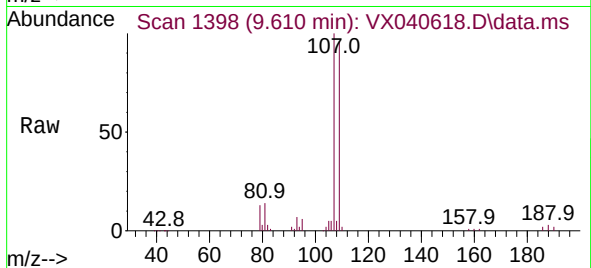
Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	57380
Ion	Ratio	Lower	Upper
107	100		
109	96.1	62.9	116.7
188	3.3	2.5	3.7



#51

Chlorobenzene

Concen: 52.874 ug/L

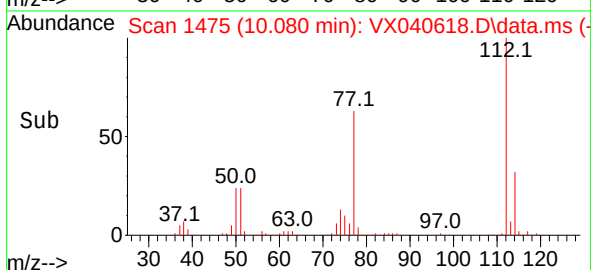
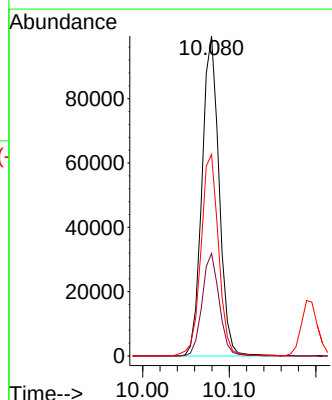
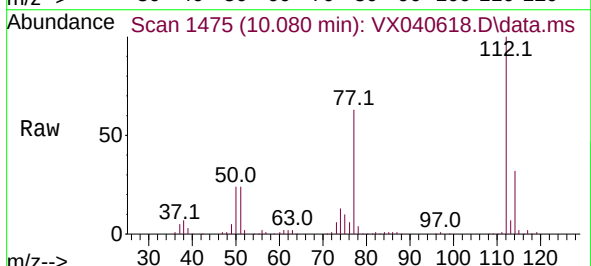
RT: 10.080 min Scan# 1475

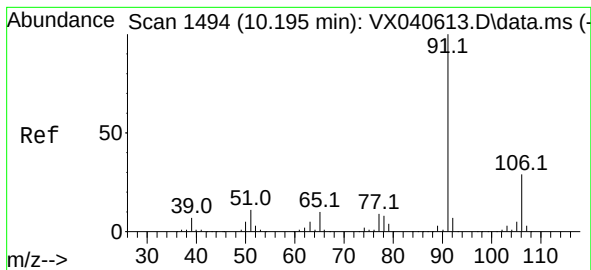
Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Tgt Ion:	112	Resp:	136353
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	63.0	50.6	75.8

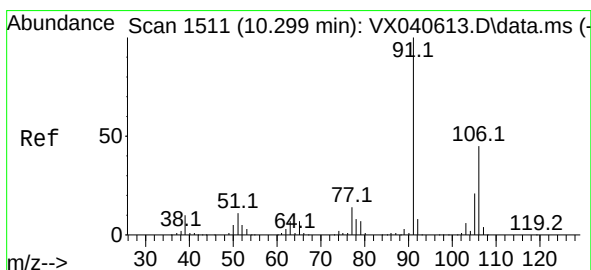
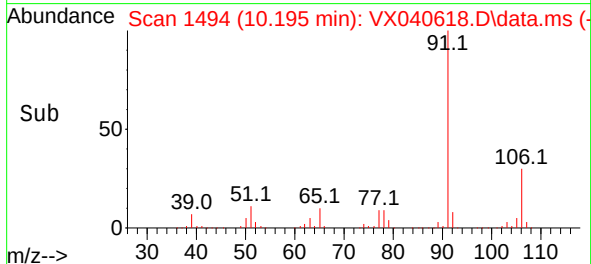
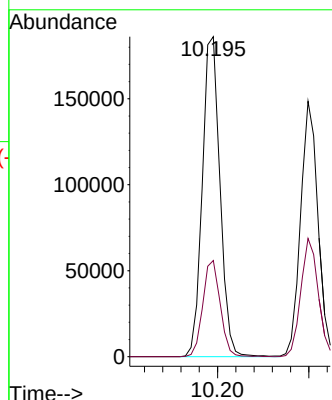
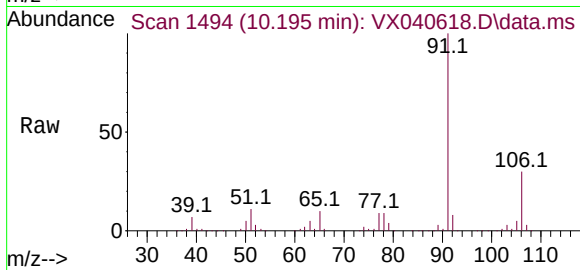




#52
Ethylbenzene
Concen: 53.380 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.001 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

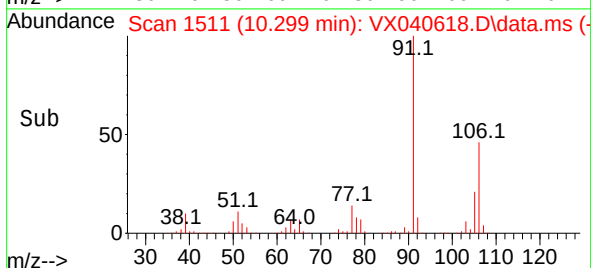
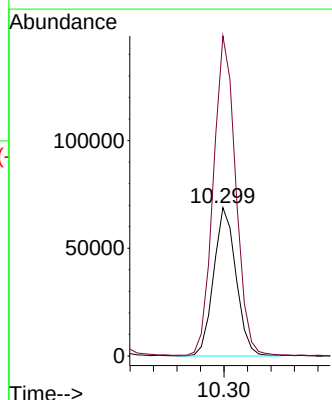
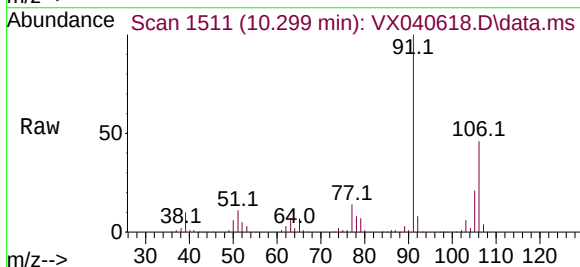
Instrument :
MSVOA_X
ClientSampleId :

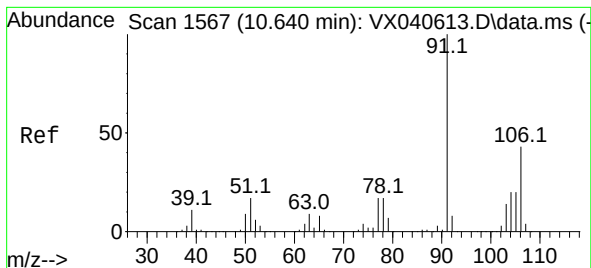
Tgt Ion: 91 Resp: 249692
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 53.700 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion:106 Resp: 91318
Ion Ratio Lower Upper
106 100
91 215.9 160.4 298.0

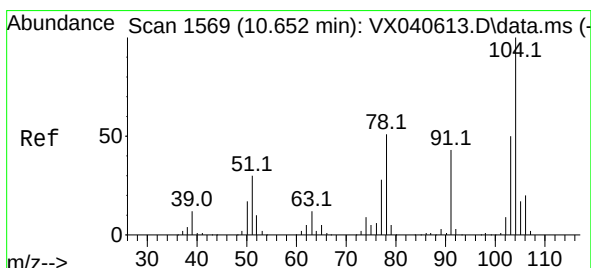
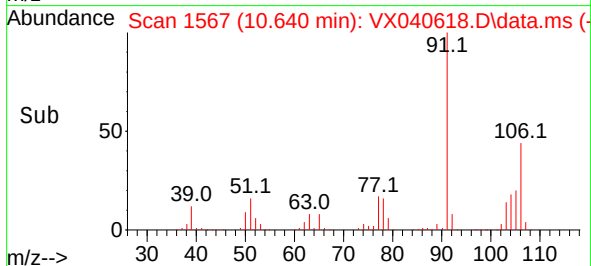
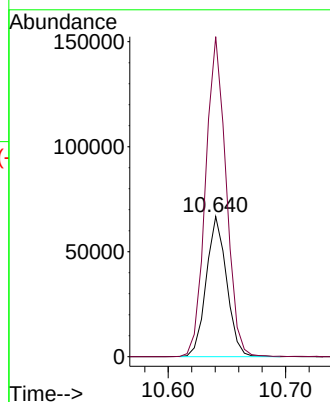
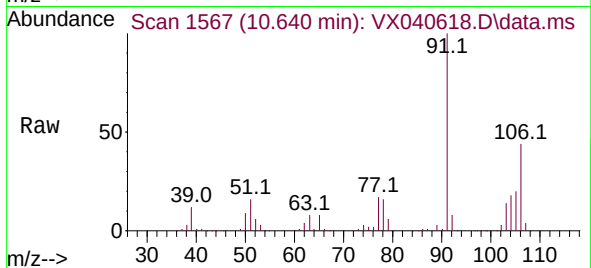




#54
o-Xylene
Concen: 49.397 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

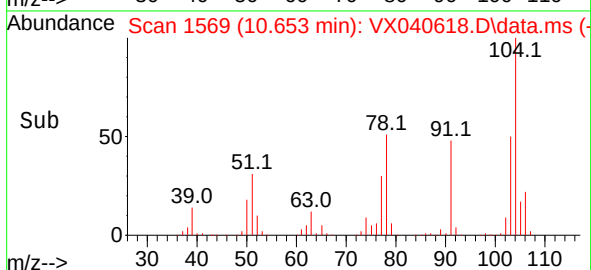
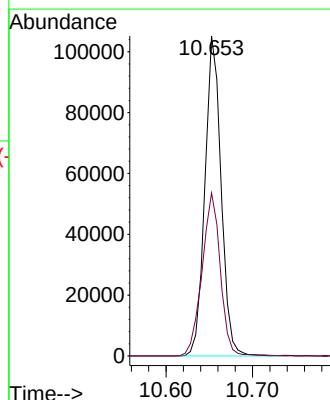
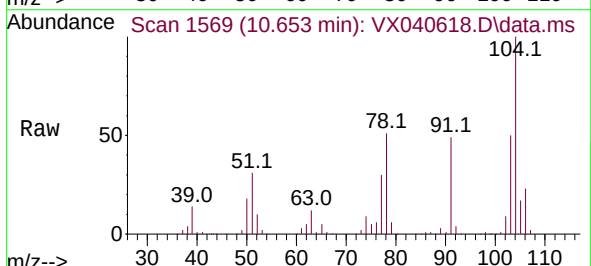
Instrument :
MSVOA_X
ClientSampleId :

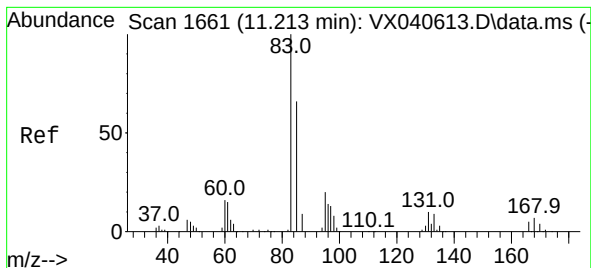
Tgt Ion:106 Resp: 80633
Ion Ratio Lower Upper
106 100
91 228.2 161.7 300.3



#55
Styrene
Concen: 48.169 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion:104 Resp: 137016
Ion Ratio Lower Upper
104 100
78 51.0 37.2 69.0

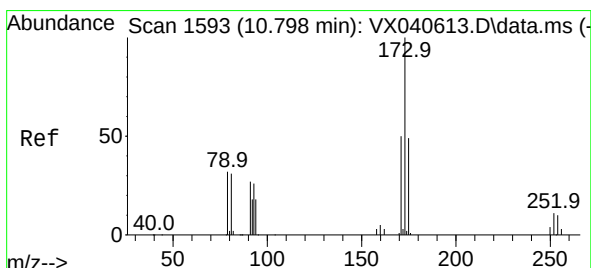
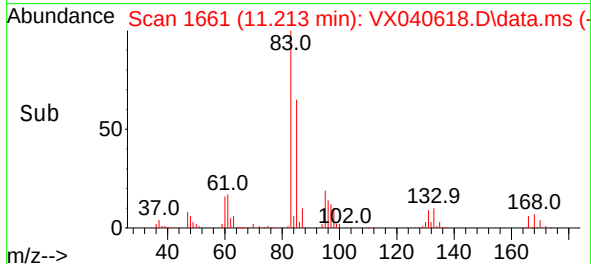
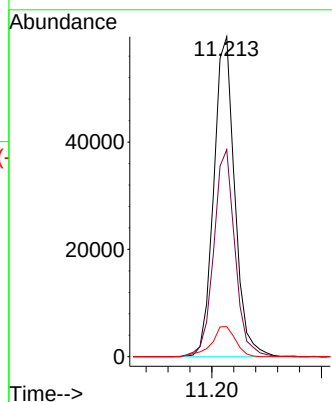
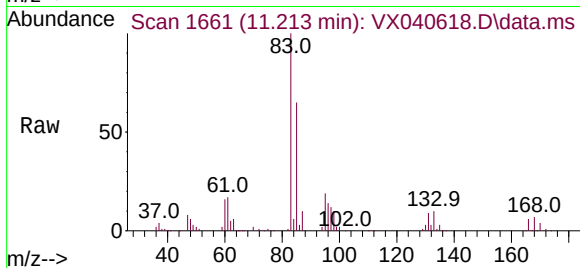




#57
1,1,2,2-Tetrachloroethane
Concen: 48.346 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

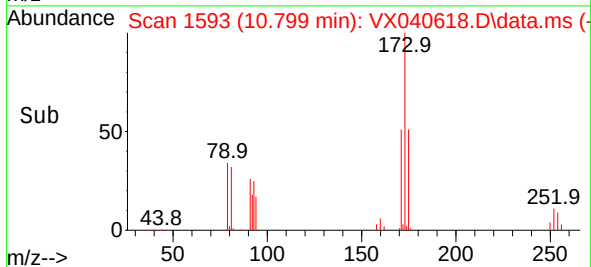
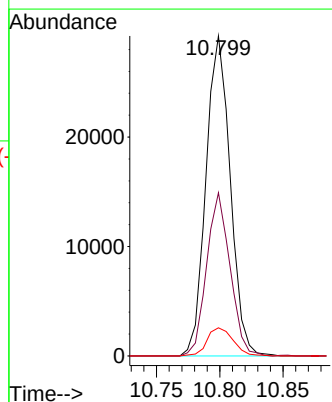
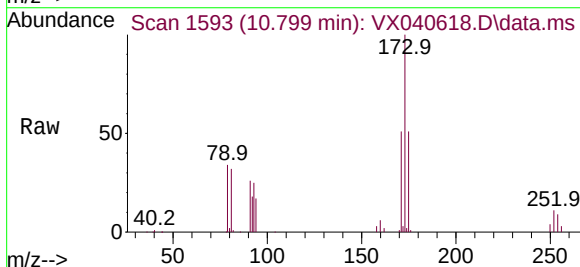
Instrument :
MSVOA_X
ClientSampleId :

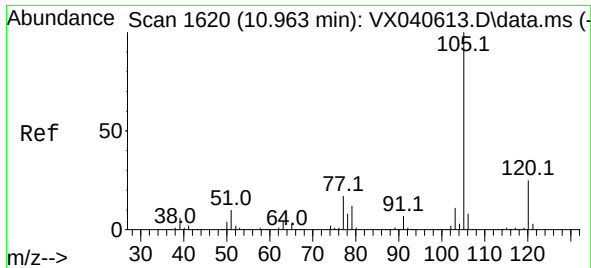
Tgt Ion: 83 Resp: 79015
Ion Ratio Lower Upper
83 100
85 64.7 45.2 84.0
131 9.4 8.2 12.2



#59
Bromoform
Concen: 53.809 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion:173 Resp: 39044
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
254 9.5 7.9 11.9

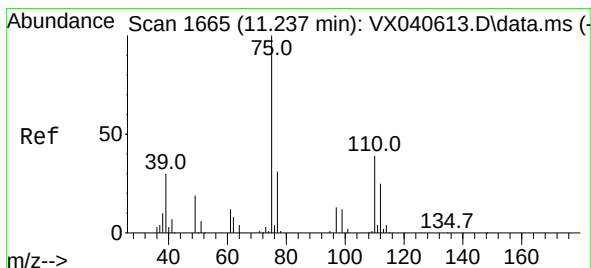
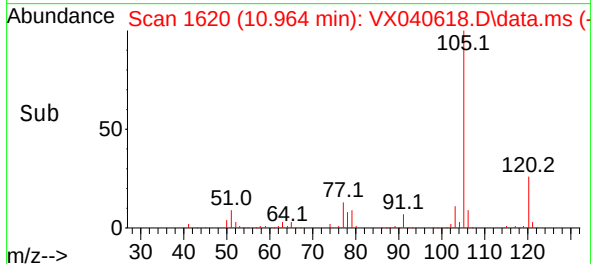
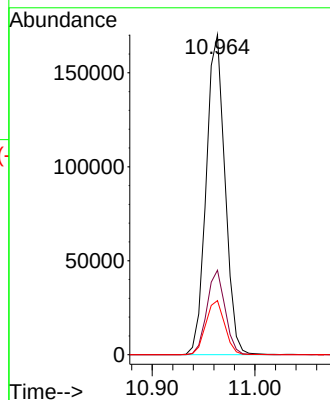
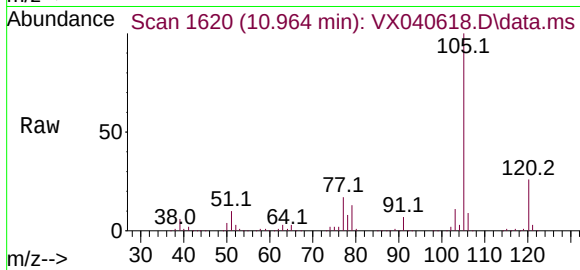




#60
Isopropylbenzene
Concen: 51.493 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

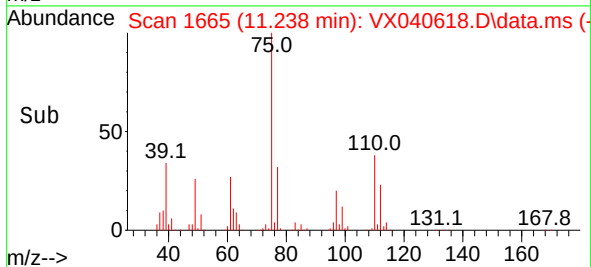
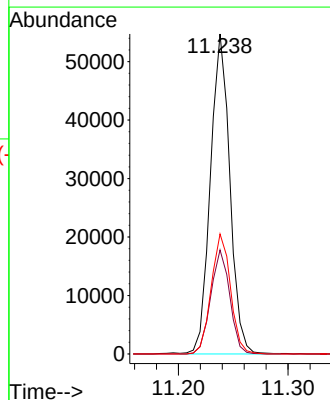
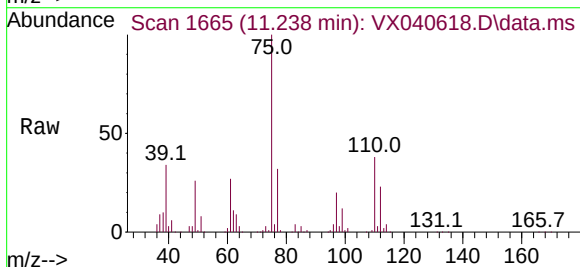
Instrument :
MSVOA_X
ClientSampleId :

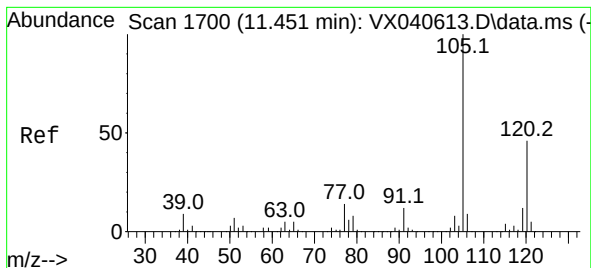
Tgt Ion:105 Resp: 216277
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 17.1 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 54.060 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion: 75 Resp: 67395
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 37.3 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 55.619 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

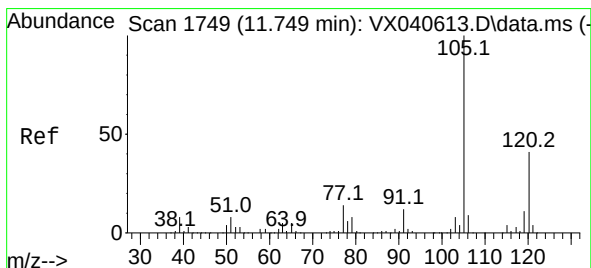
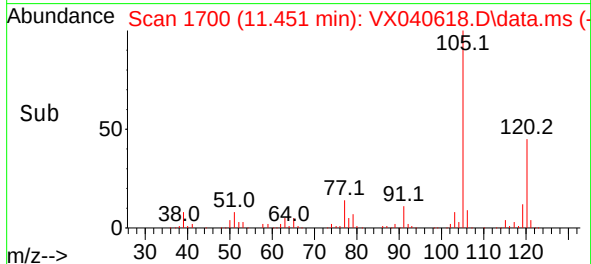
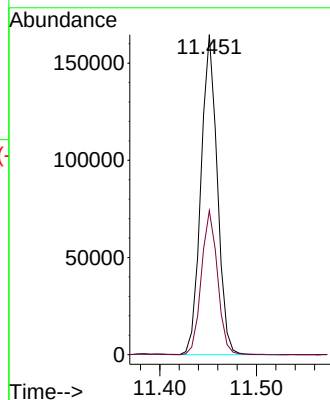
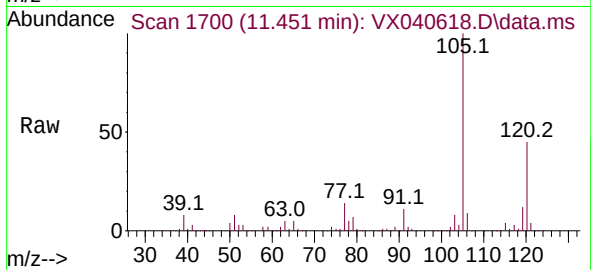
ClientSampleId :

Tgt Ion:105 Resp: 193683

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 53.108 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040618.D

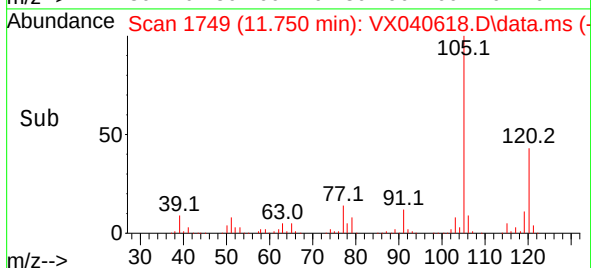
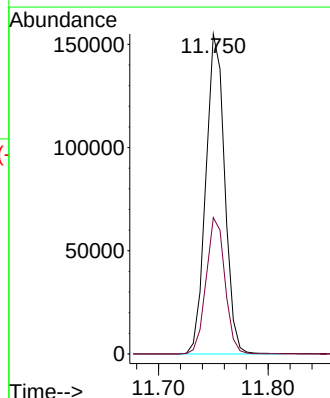
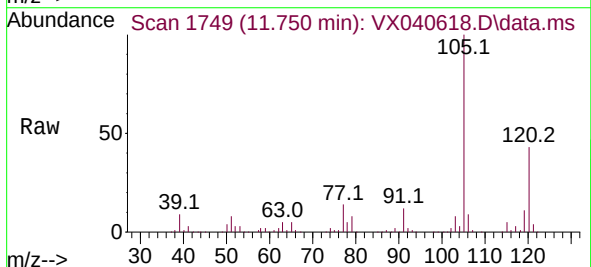
Acq: 07 Mar 2024 16:34

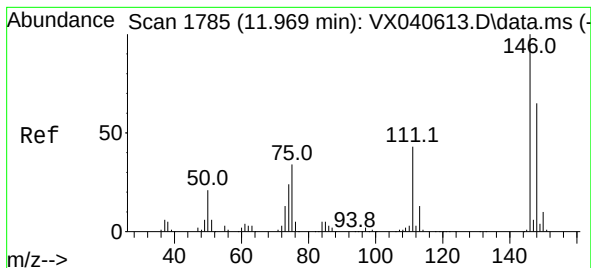
Tgt Ion:105 Resp: 184928

Ion Ratio Lower Upper

105 100

120 42.6 33.9 50.9





#64

1,3-Dichlorobenzene

Concen: 53.006 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

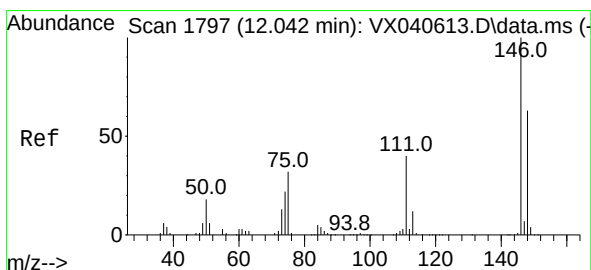
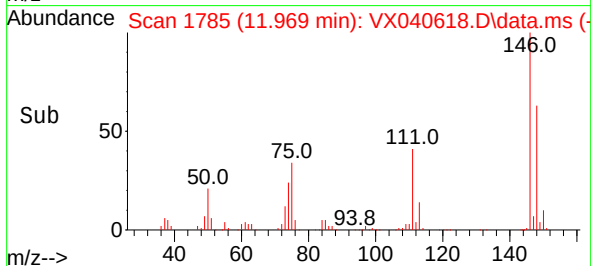
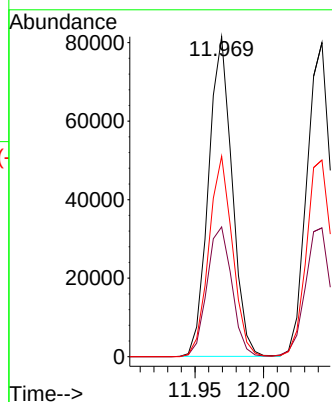
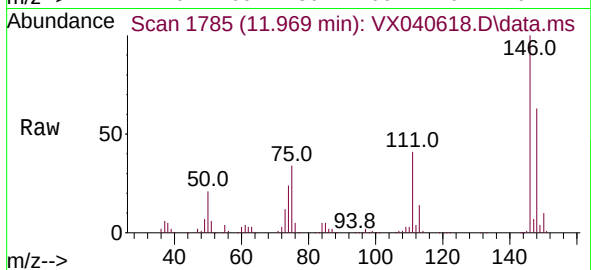
Tgt Ion:146 Resp: 97469

Ion Ratio Lower Upper

146 100

111 40.6 30.0 55.6

148 62.6 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.800 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

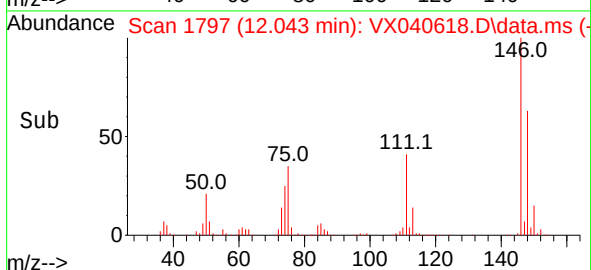
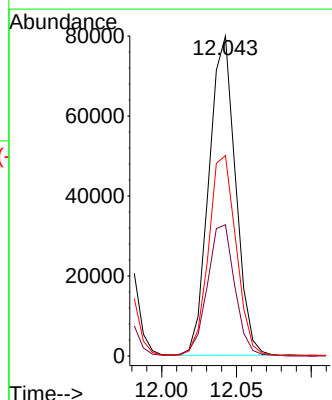
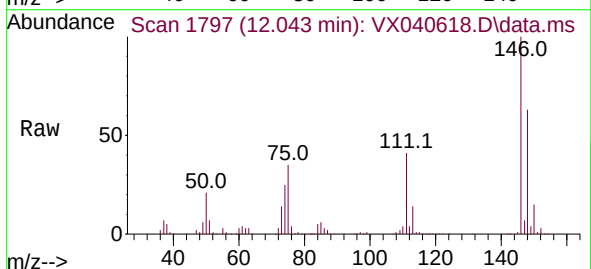
Tgt Ion:146 Resp: 98735

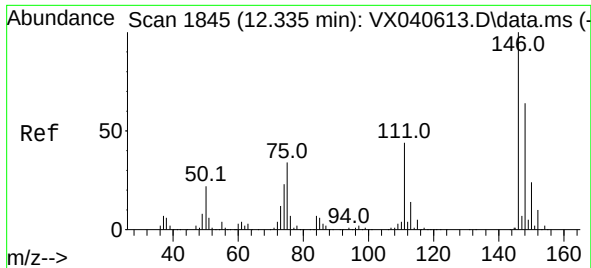
Ion Ratio Lower Upper

146 100

111 41.0 28.8 53.4

148 62.6 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 59.825 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

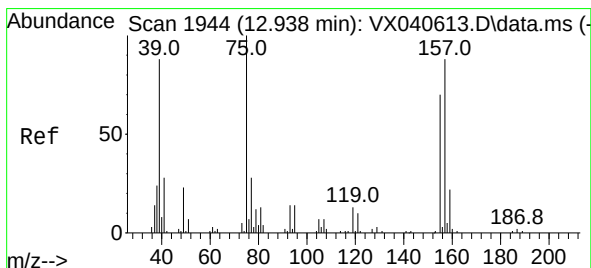
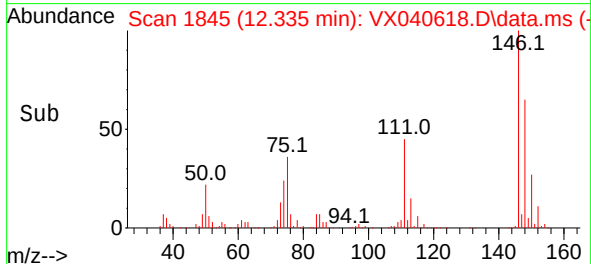
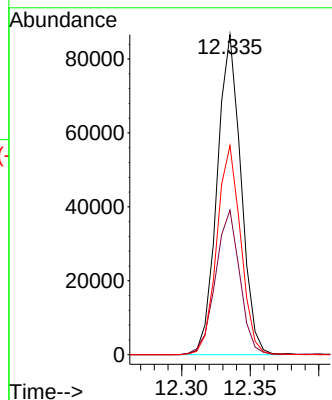
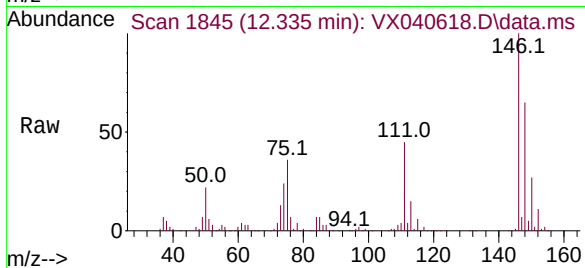
Tgt Ion:146 Resp: 104606

Ion Ratio Lower Upper

146 100

111 45.1 35.8 53.8

148 65.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 64.124 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

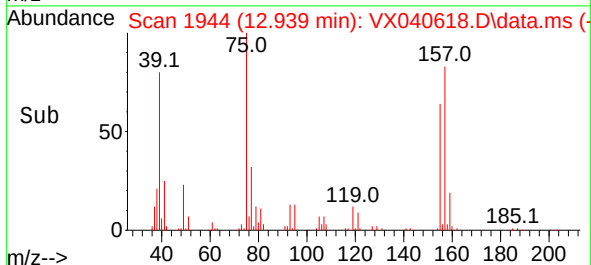
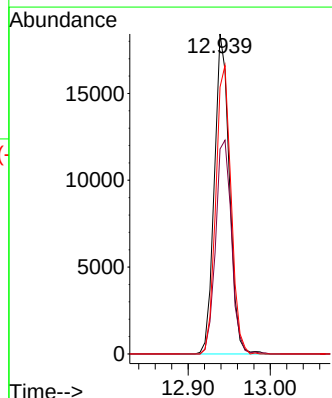
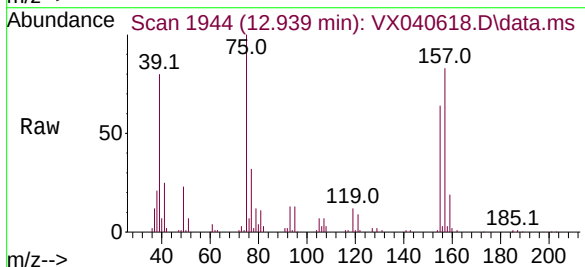
Tgt Ion: 75 Resp: 23402

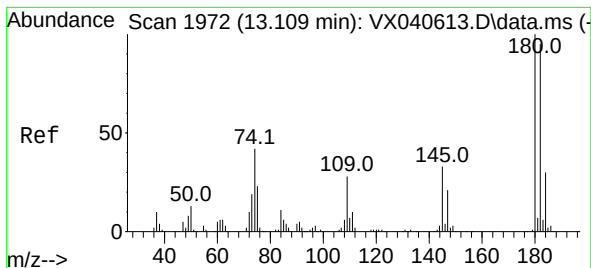
Ion Ratio Lower Upper

75 100

155 64.0 53.9 80.9

157 83.4 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 61.043 ug/L

RT: 13.116 min Scan# 1972

Delta R.T. 0.007 min

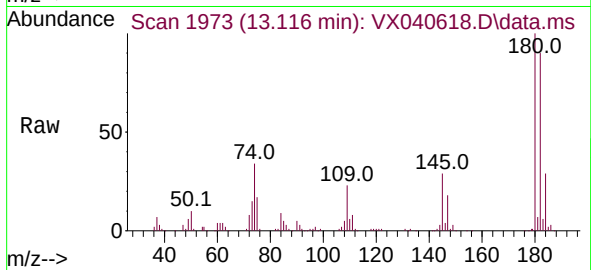
Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 75346

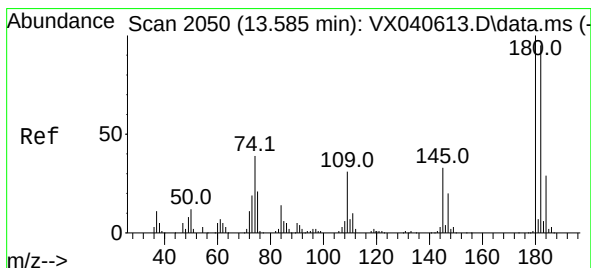
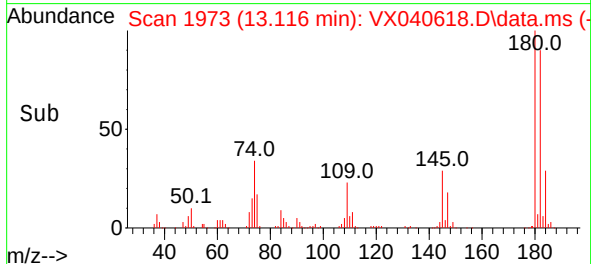
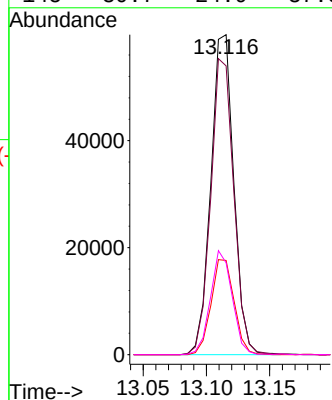
Ion Ratio Lower Upper

180 100

182 93.0 76.6 115.0

184 30.0 24.3 36.5

145 30.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 61.026 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040618.D

Acq: 07 Mar 2024 16:34

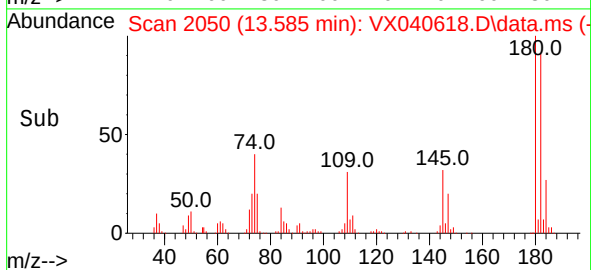
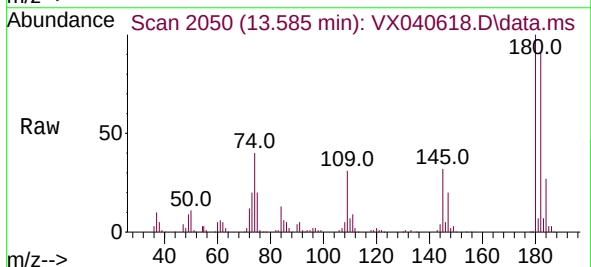
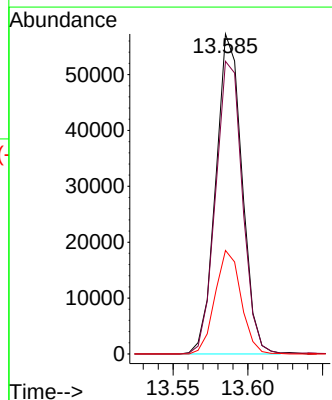
Tgt Ion:180 Resp: 69854

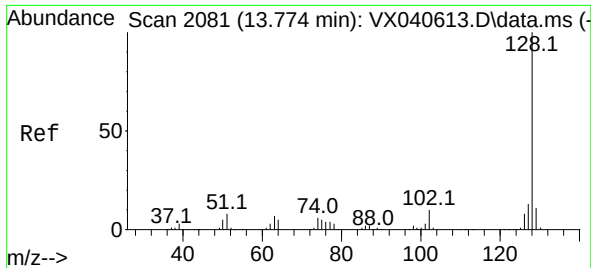
Ion Ratio Lower Upper

180 100

182 93.5 75.1 112.7

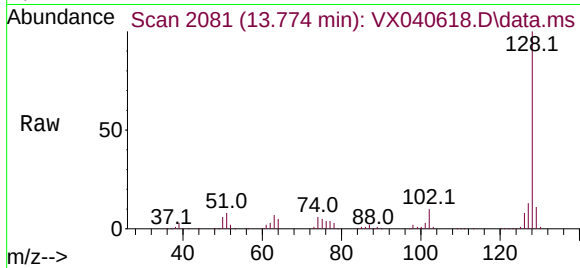
145 32.0 26.2 39.4



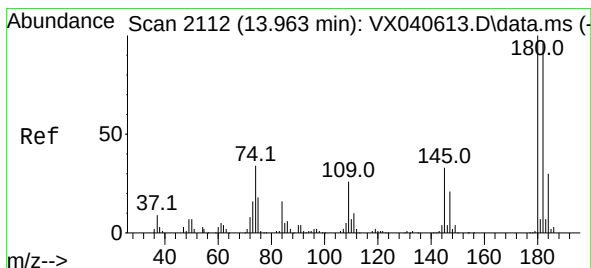
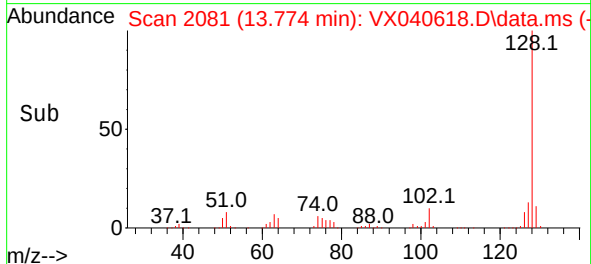
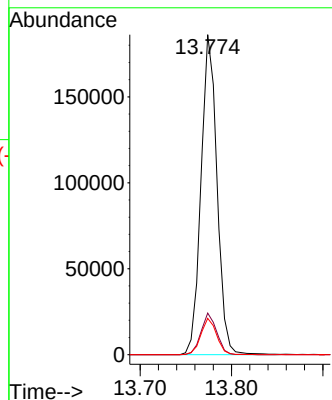


#71
Naphthalene
Concen: 62.400 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 227027
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.2 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 60.806 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040618.D
Acq: 07 Mar 2024 16:34

Tgt Ion:180 Resp: 68563
Ion Ratio Lower Upper
180 100
182 96.7 76.9 115.3
145 35.0 27.8 41.8

