

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040686.D
 Acq On : 16 Mar 2024 04:13
 Operator : JC/MD
 Sample : P1754-12MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 05:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147410	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140177	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64695	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	46998	36.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.740%
7) Chloroethane-d5	1.666	69	38723	37.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	2.306	65	21674	36.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.880%
21) 2-Butanone-d5	4.446	46	95109	95.917	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.920%
24) Chloroform-d	5.056	84	111684	46.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	5.952	65	79868	44.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
32) Benzene-d6	5.970	84	178939	41.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
36) 1,2-Dichloropropane-d6	7.306	67	59255	44.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.920%
41) Toluene-d8	8.647	98	161259	38.909	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.820%#
43) trans-1,3-Dichloroprop...	8.952	79	30175	42.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.080%
47) 2-Hexanone-d5	9.384	63	62225	84.609	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.610%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	88483	44.339	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	59836	44.159	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66798	50.770	ug/L	100
3) Chloromethane	1.294	50	59404	51.938	ug/L	96
5) Vinyl chloride	1.374	62	66453	53.705	ug/L	99
6) Bromomethane	1.605	94	40404	61.505	ug/L	94
8) Chloroethane	1.685	64	34492	48.614	ug/L	92
9) Trichlorofluoromethane	1.886	101	90135	52.351	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	51328	50.260	ug/L	99
12) 1,1-Dichloroethene	2.319	96	79428	88.398	ug/L	89
13) Acetone	2.374	43	152349	215.154	ug/L	99
14) Carbon disulfide	2.514	76	128220	49.316	ug/L	98
15) Methyl Acetate	2.703	43	43927	36.747	ug/L	98
16) Methylene chloride	2.788	84	50124	50.655	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	48262	52.320	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	169153	53.024	ug/L	99
19) 1,1-Dichloroethane	3.605	63	102167	57.003	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	65101	62.939	ug/L	96
22) 2-Butanone	4.556	43	89382	95.328	ug/L	99
23) Bromochloromethane	4.897	128	26768	50.740	ug/L	94
25) Chloroform	5.093	83	105047	51.937	ug/L	97

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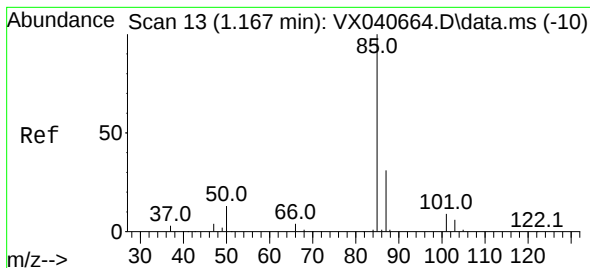
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	94822	53.347	ug/L	97
29) Cyclohexane	5.471	56	81703	53.043	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	99862	57.199	ug/L	100
31) Carbon tetrachloride	5.678	117	79226	54.070	ug/L	99
33) Benzene	6.038	78	198486	52.710	ug/L	100
34) Trichloroethene	7.123	95	117208	105.436	ug/L	98
35) Methylcyclohexane	7.379	83	80339	49.454	ug/L	99
37) 1,2-Dichloropropane	7.428	63	54971	55.141	ug/L	100
38) Bromodichloromethane	7.818	83	78680	53.361	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	84268	50.207	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	178242	104.293	ug/L	100
42) Toluene	8.720	91	217359	52.615	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	81744	50.002	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	53895	52.371	ug/L	98
46) Tetrachloroethene	9.275	164	37417	46.879	ug/L	97
48) 2-Hexanone	9.427	43	133765	94.455	ug/L	98
49) Dibromochloromethane	9.519	129	56750	52.777	ug/L	99
50) 1,2-Dibromoethane	9.610	107	58286	52.667	ug/L	96
51) Chlorobenzene	10.079	112	140186	52.378	ug/L	98
52) Ethylbenzene	10.195	91	254797	52.485	ug/L	97
53) m,p-Xylene	10.299	106	92140	52.208	ug/L	98
54) o-Xylene	10.640	106	90748	53.566	ug/L	97
55) Styrene	10.653	104	158926	53.834	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	80307	47.345	ug/L	97
59) Bromoform	10.799	173	42461	56.587	ug/L	98
60) Isopropylbenzene	10.963	105	256593	59.076	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	64071	49.698	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	187895	52.176	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	186520	51.797	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	96780	50.895	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	99439	51.421	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	97794	54.083	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	19423	51.465	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	64635	50.637	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	60859	51.413	ug/L	99
71) Naphthalene	13.774	128	197777	52.567	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	61431	52.683	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 50.770 ug/L

RT: 1.166 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

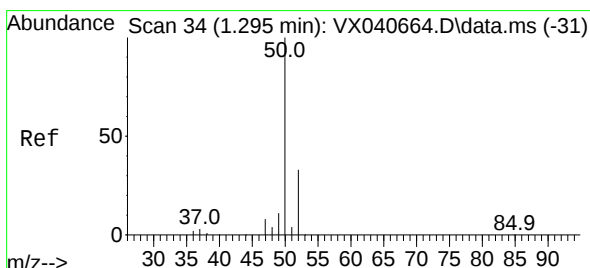
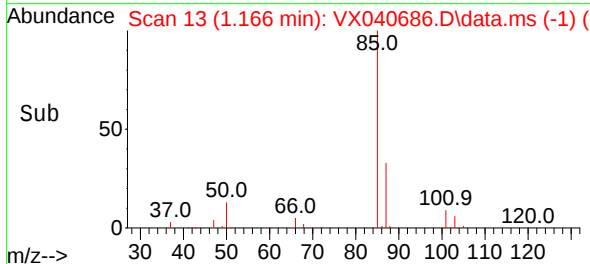
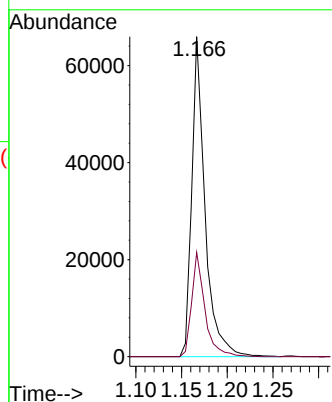
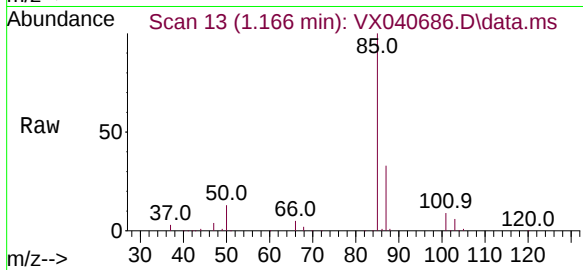
ClientSampleId :

Tgt Ion: 85 Resp: 66798

Ion Ratio Lower Upper

85 100

87 32.5 26.1 39.1



#3

Chloromethane

Concen: 51.938 ug/L

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX040686.D

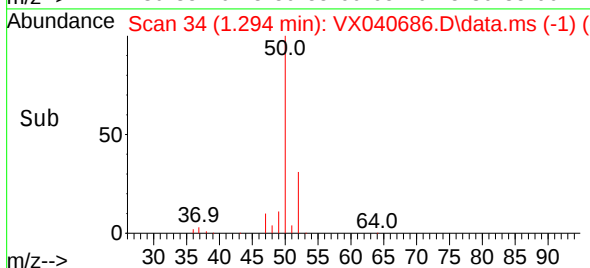
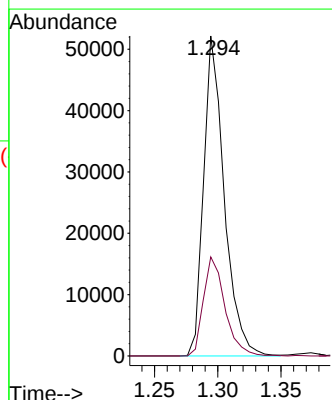
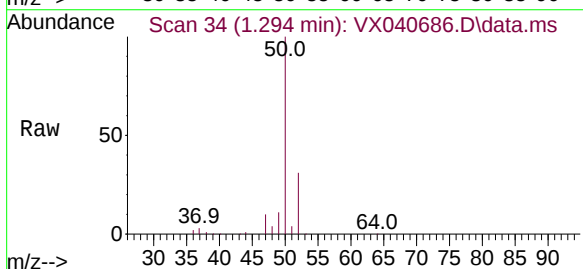
Acq: 16 Mar 2024 04:13

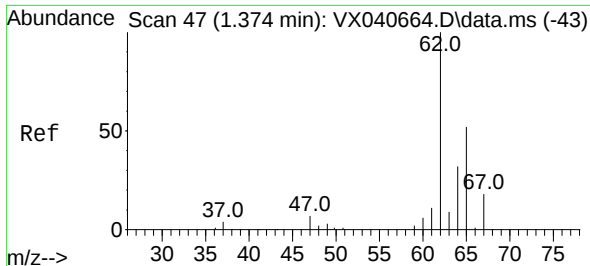
Tgt Ion: 50 Resp: 59404

Ion Ratio Lower Upper

50 100

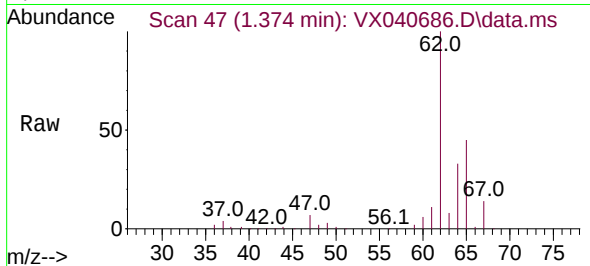
52 30.9 23.1 42.9



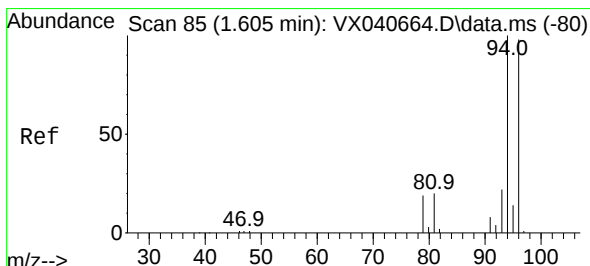
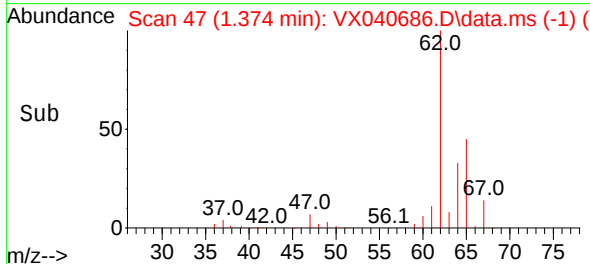
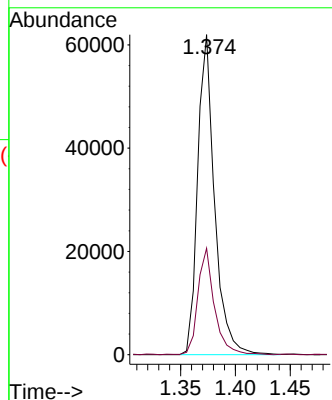


#5
 Vinyl chloride
 Concen: 53.705 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040686.D
 Acq: 16 Mar 2024 04:13

Instrument :
 MSVOA_X
 ClientSampleId :

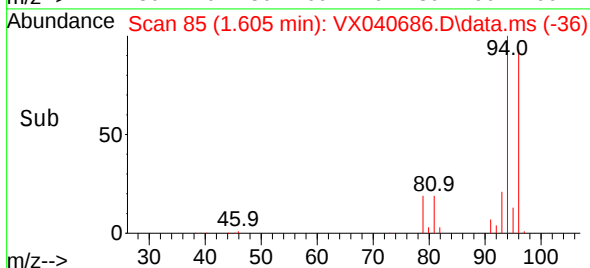
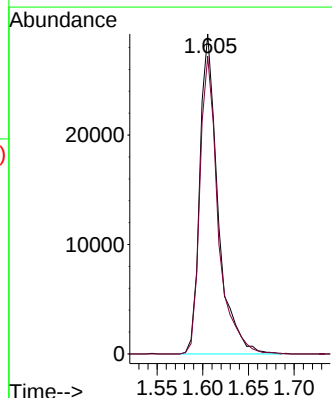
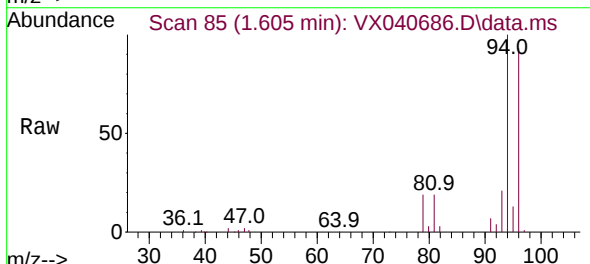


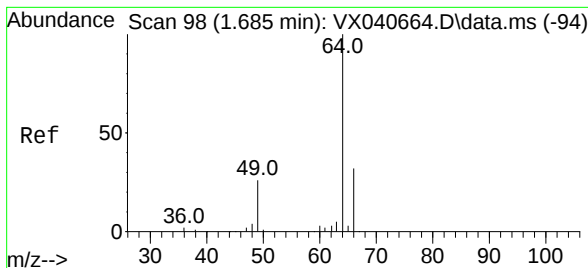
Tgt Ion: 62 Resp: 66453
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 44.2



#6
 Bromomethane
 Concen: 61.505 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX040686.D
 Acq: 16 Mar 2024 04:13

Tgt Ion: 94 Resp: 40404
 Ion Ratio Lower Upper
 94 100
 96 93.0 69.0 128.2

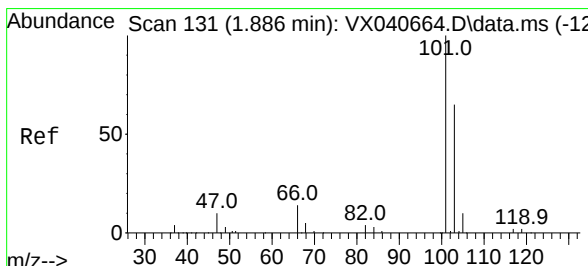
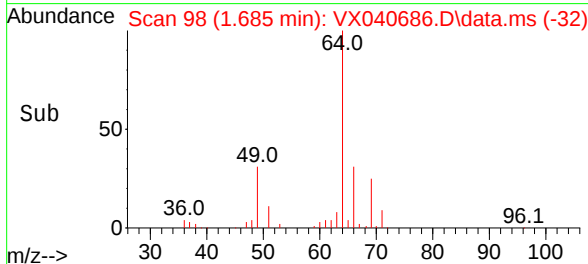
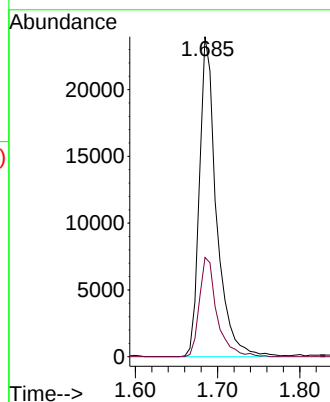
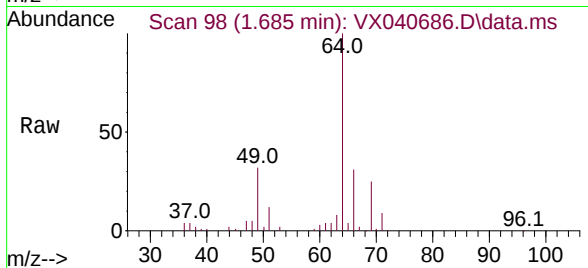




#8
Chloroethane
Concen: 48.614 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

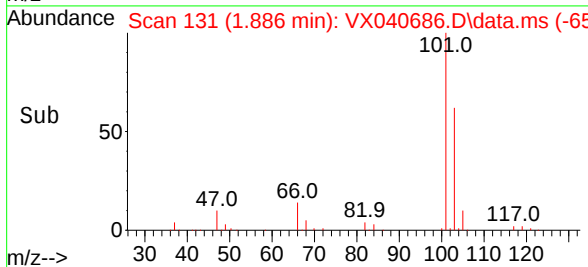
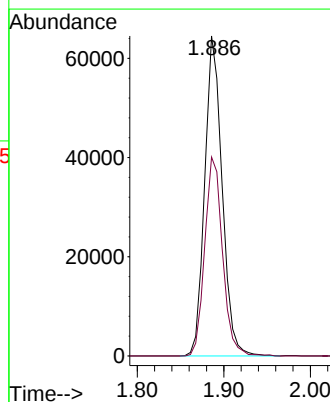
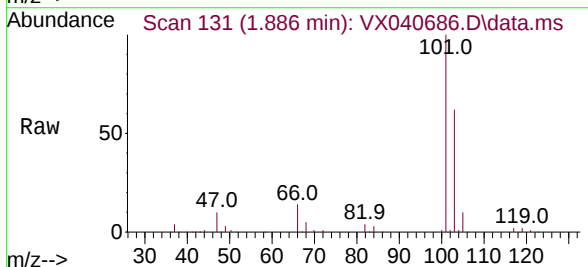
Instrument :
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ClientSampleId :

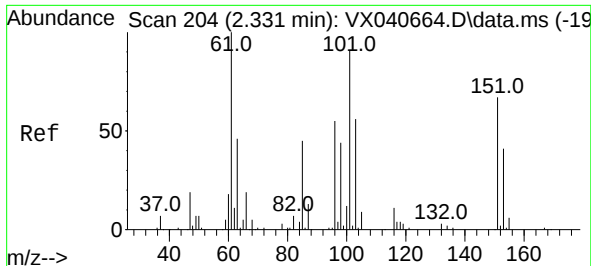
Tgt Ion: 64 Resp: 34492
Ion Ratio Lower Upper
64 100
66 31.0 25.0 46.4



#9
Trichlorofluoromethane
Concen: 52.351 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion:101 Resp: 90135
Ion Ratio Lower Upper
101 100
103 63.3 51.7 77.5

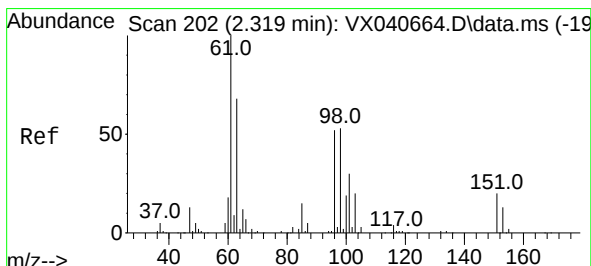
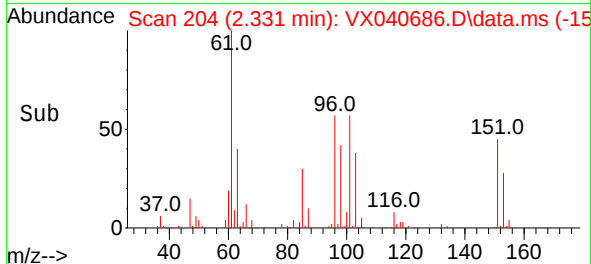
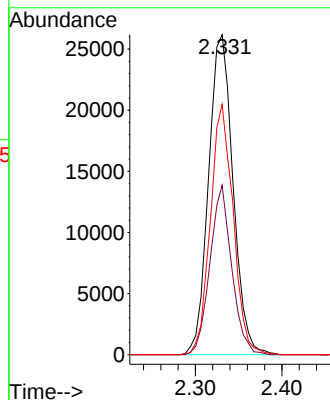
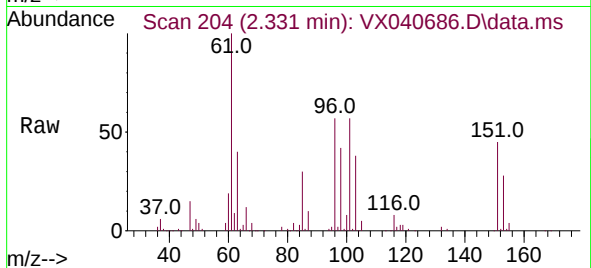




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.260 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

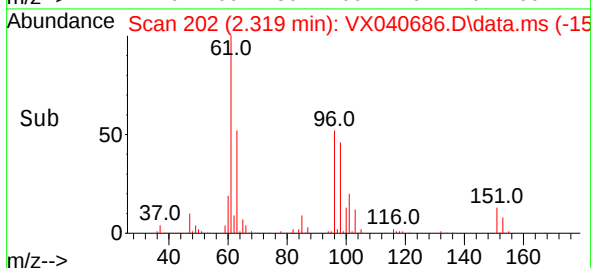
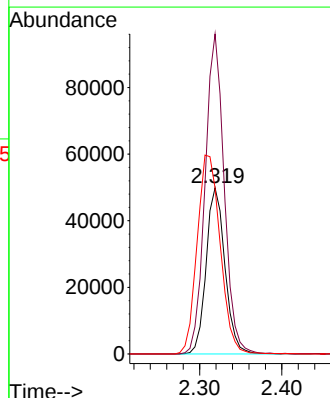
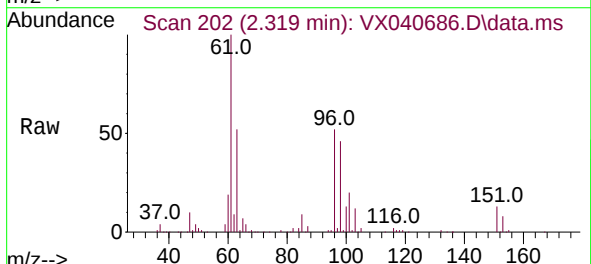
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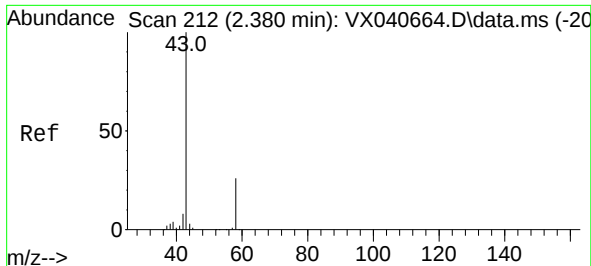
Tgt Ion:101 Resp: 51328
Ion Ratio Lower Upper
101 100
85 47.1 38.3 57.5
151 73.0 57.7 86.5



#12
1,1-Dichloroethene
Concen: 88.398 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion: 96 Resp: 79428
Ion Ratio Lower Upper
96 100
61 192.7 134.8 250.4
63 99.9 92.5 171.9





#13

Acetone

Concen: 215.154 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

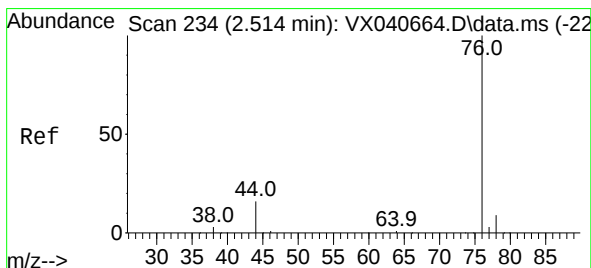
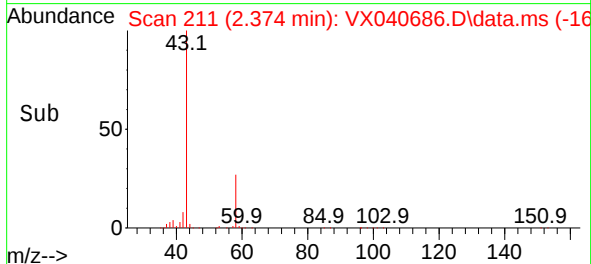
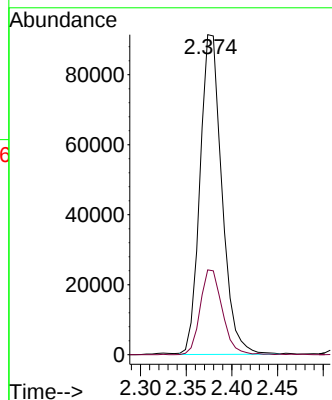
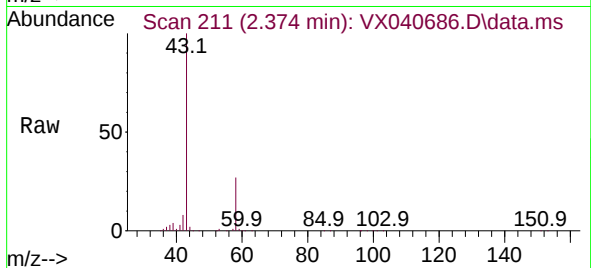
ClientSampleId :

Tgt Ion: 43 Resp: 152349

Ion Ratio Lower Upper

43 100

58 26.8 0.0 54.6



#14

Carbon disulfide

Concen: 49.316 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040686.D

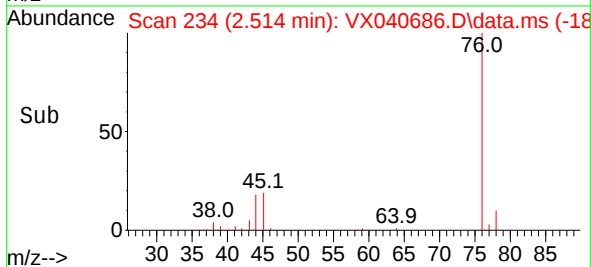
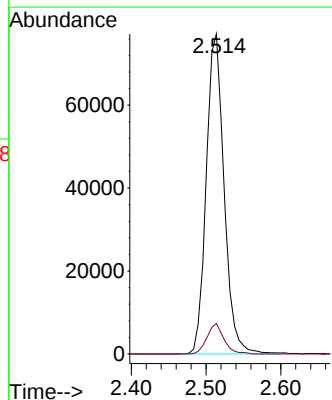
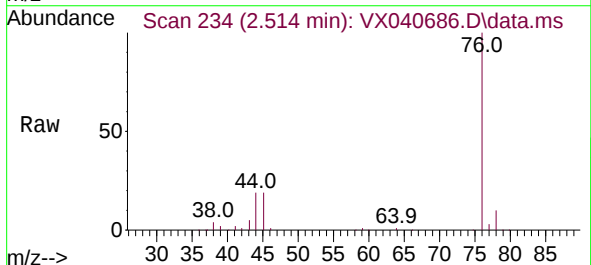
Acq: 16 Mar 2024 04:13

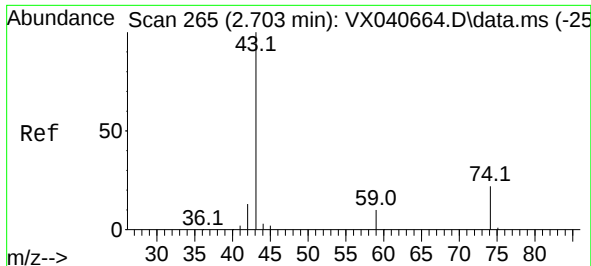
Tgt Ion: 76 Resp: 128220

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8





#15

Methyl Acetate

Concen: 36.747 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

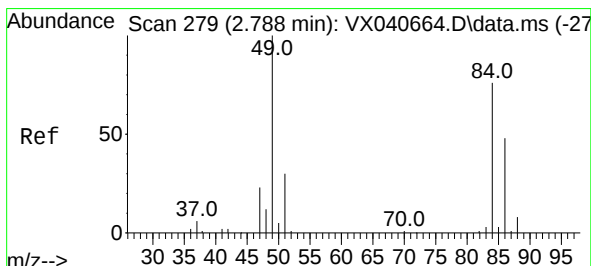
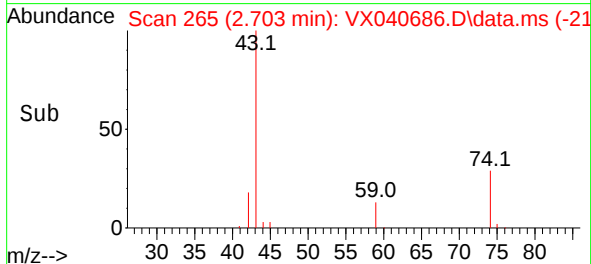
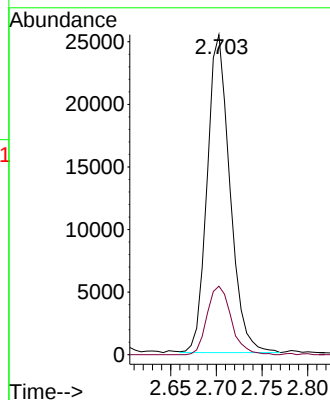
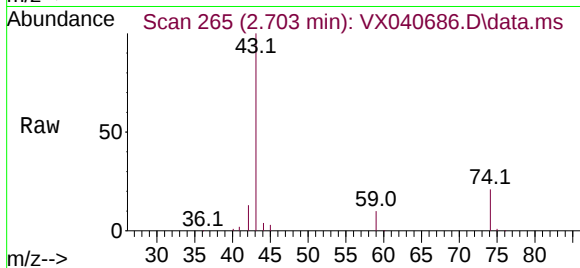
ClientSampleId :

Tgt Ion: 43 Resp: 43927

Ion Ratio Lower Upper

43 100

74 22.8 17.6 26.4



#16

Methylene chloride

Concen: 50.655 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

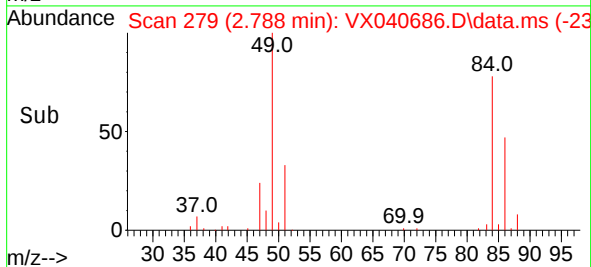
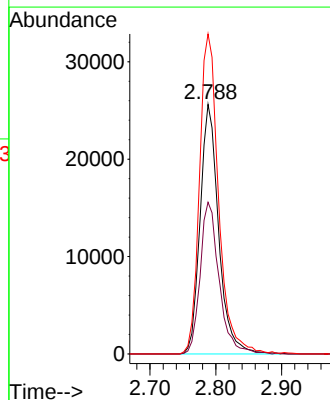
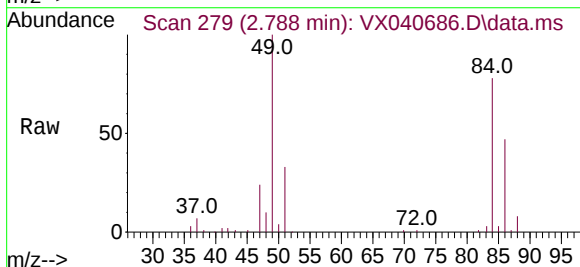
Tgt Ion: 84 Resp: 50124

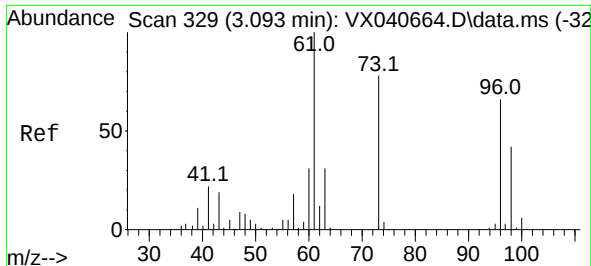
Ion Ratio Lower Upper

84 100

86 60.7 45.8 85.2

49 128.2 92.6 172.0

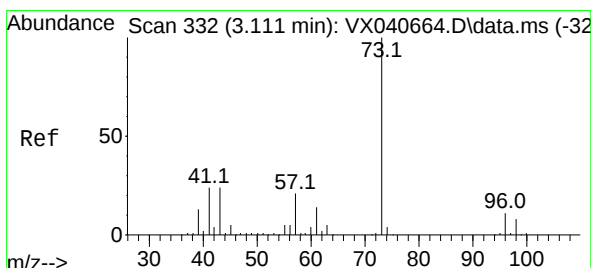
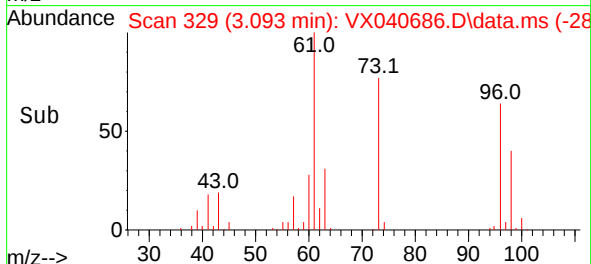
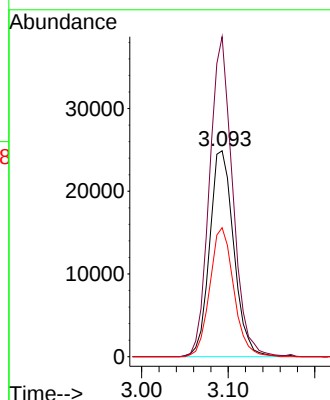
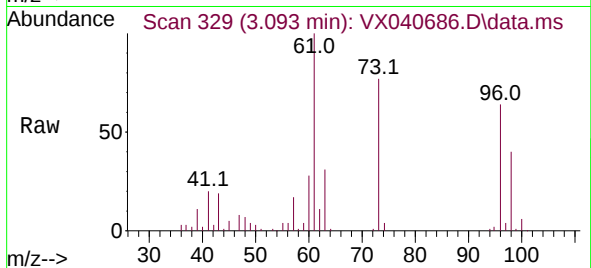




#17
trans-1,2-Dichloroethene
Concen: 52.320 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

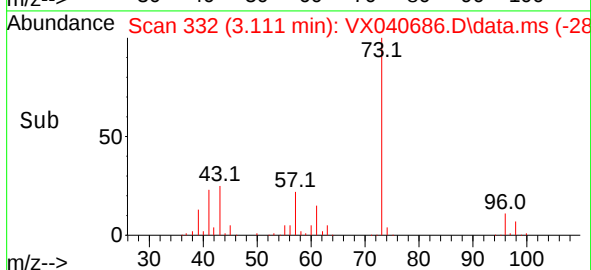
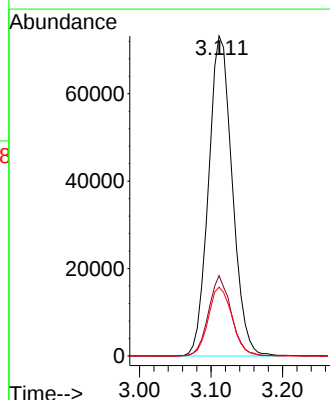
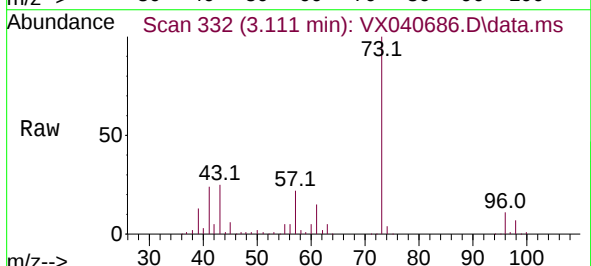
Instrument :
MSVOA_X
ClientSampleId :

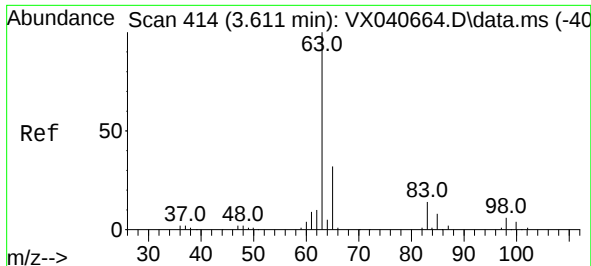
Tgt Ion: 96 Resp: 48262
Ion Ratio Lower Upper
96 100
61 155.3 106.6 198.0
98 62.6 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 53.024 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion: 73 Resp: 169153
Ion Ratio Lower Upper
73 100
43 23.8 19.3 28.9
57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 57.003 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

ClientSampleId :

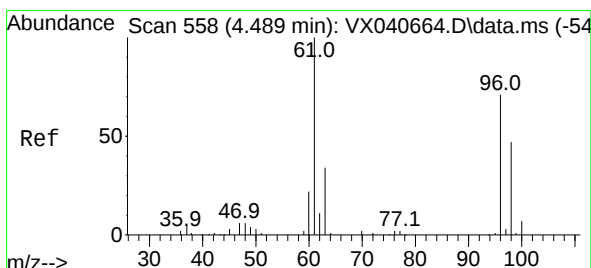
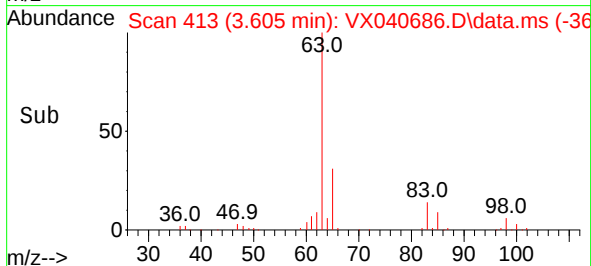
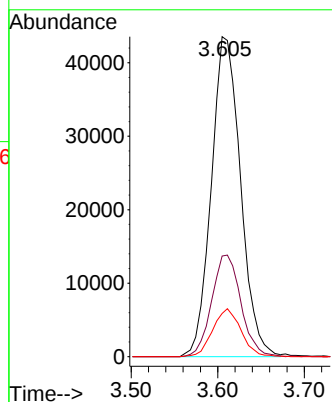
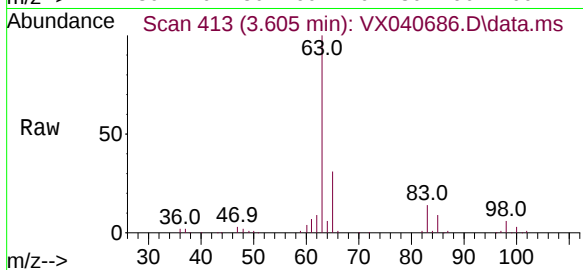
Tgt Ion: 63 Resp: 102167

Ion Ratio Lower Upper

63 100

65 31.5 23.1 42.9

83 13.5 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 62.939 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

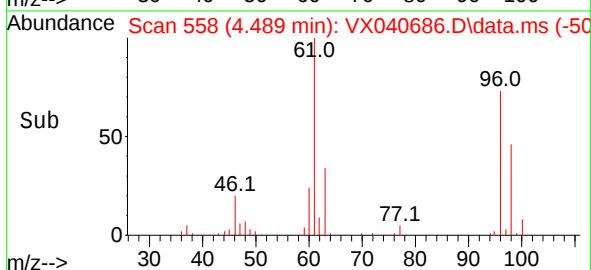
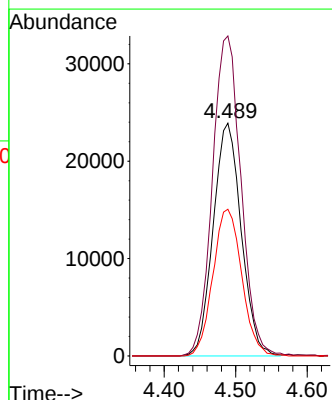
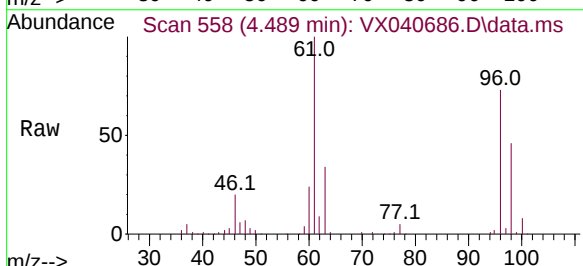
Tgt Ion: 96 Resp: 65101

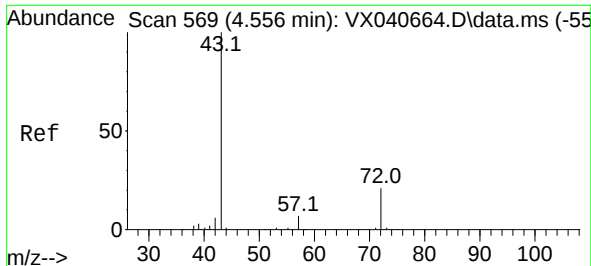
Ion Ratio Lower Upper

96 100

61 137.5 93.0 172.8

98 63.0 42.4 78.6





#22

2-Butanone

Concen: 95.328 ug/L

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

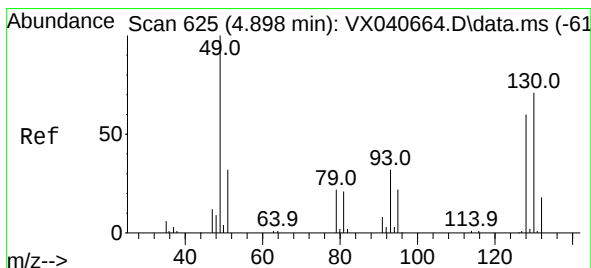
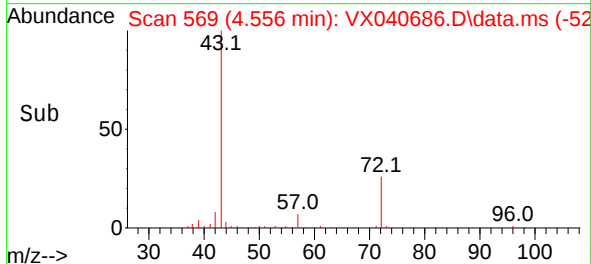
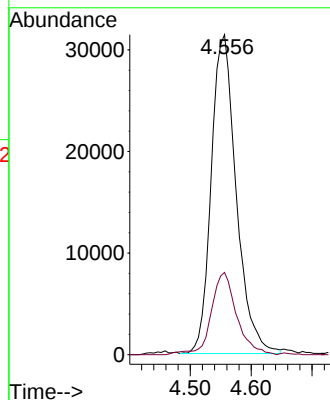
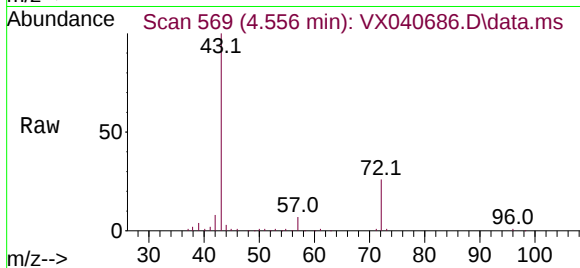
ClientSampleId :

Tgt Ion: 43 Resp: 89382

Ion Ratio Lower Upper

43 100

72 25.4 12.4 37.2



#23

Bromochloromethane

Concen: 50.740 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Tgt Ion:128 Resp: 26768

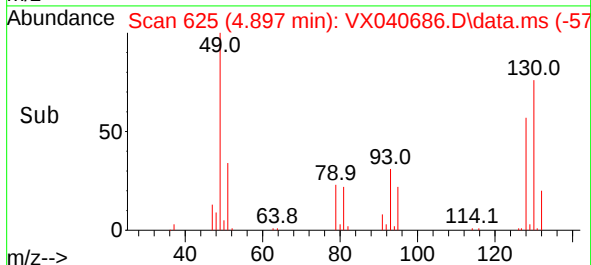
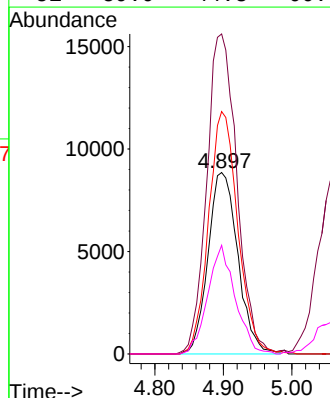
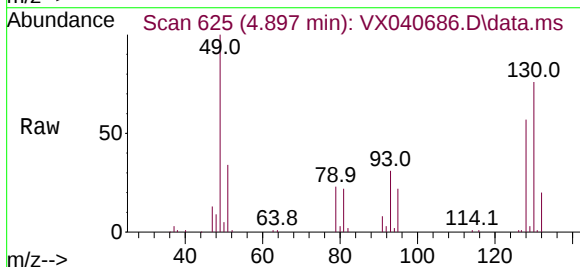
Ion Ratio Lower Upper

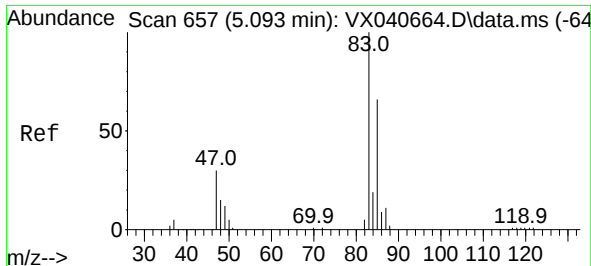
128 100

49 176.3 118.1 219.3

130 133.6 89.4 166.0

51 59.9 44.3 66.5





#25

Chloroform

Concen: 51.937 ug/L

RT: 5.093 min Scan# 60

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

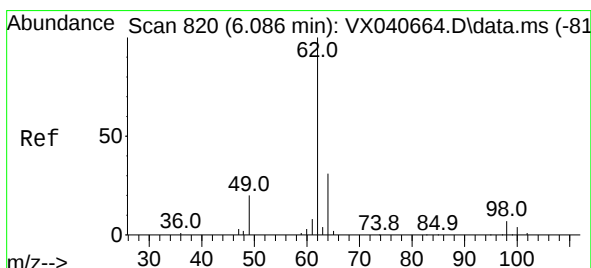
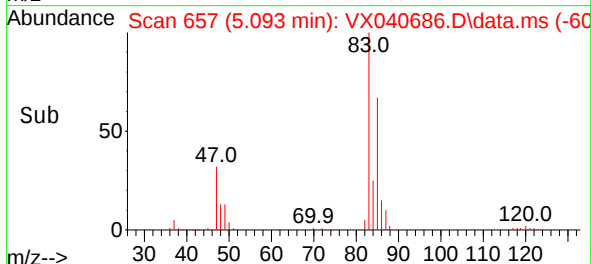
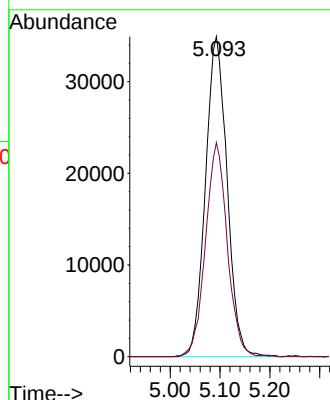
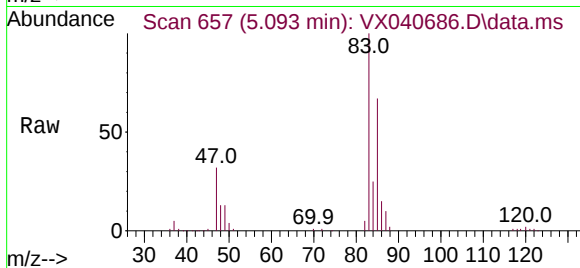
ClientSampleId :

Tgt Ion: 83 Resp: 105047

Ion Ratio Lower Upper

83 100

85 66.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 53.347 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX040686.D

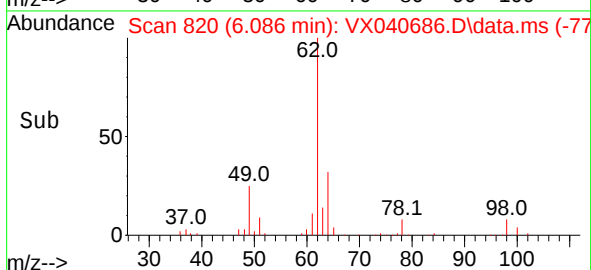
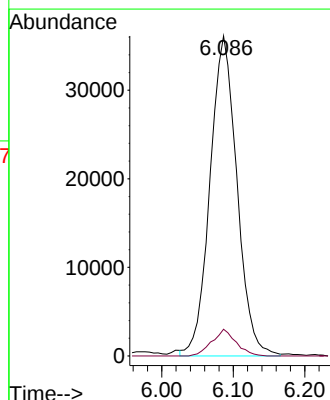
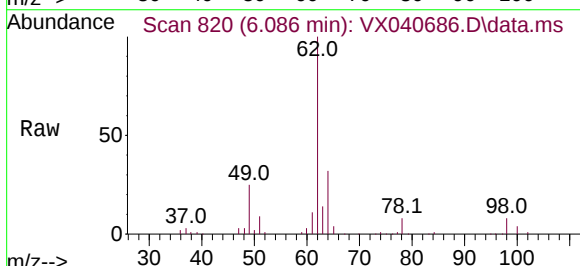
Acq: 16 Mar 2024 04:13

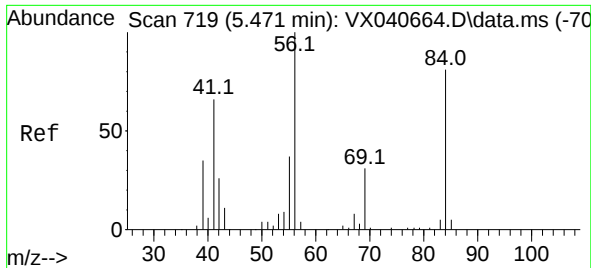
Tgt Ion: 62 Resp: 94822

Ion Ratio Lower Upper

62 100

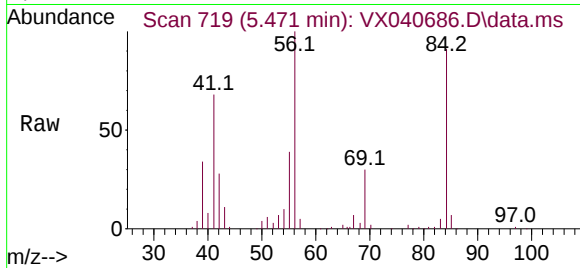
98 8.3 5.8 8.6



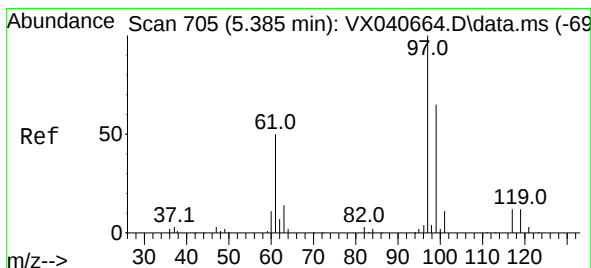
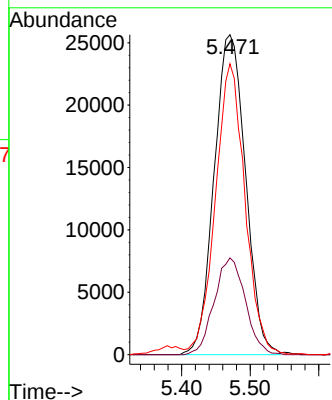
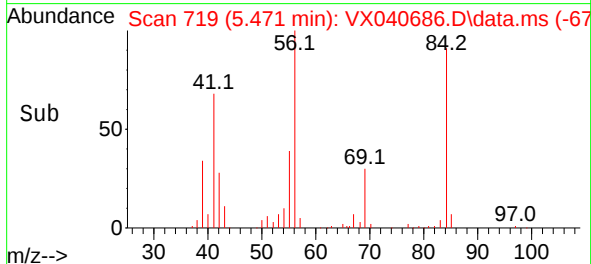


#29
Cyclohexane
Concen: 53.043 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Instrument :
MSVOA_X
ClientSampleId :

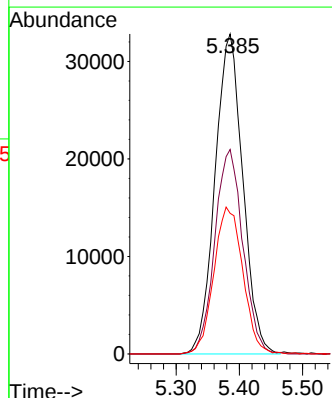
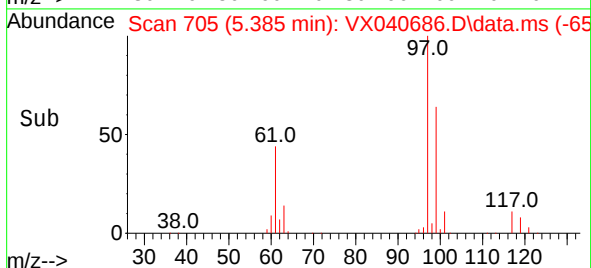
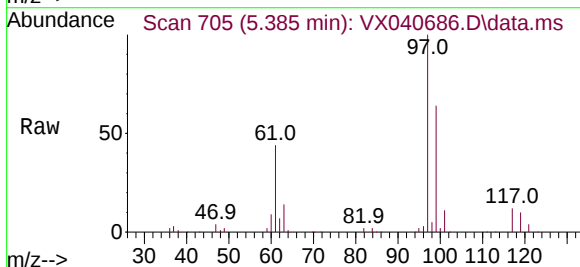


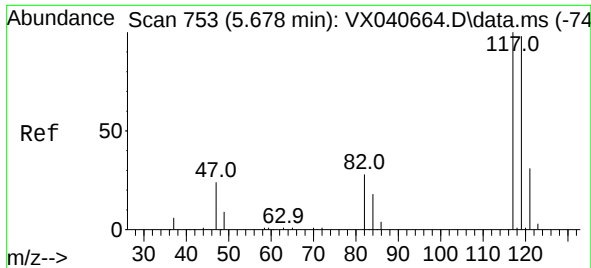
Tgt Ion: 56 Resp: 81703
Ion Ratio Lower Upper
56 100
69 29.8 25.0 37.4
84 85.2 70.6 105.8



#30
1,1,1-Trichloroethane
Concen: 57.199 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion: 97 Resp: 99862
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 47.9 38.3 57.5

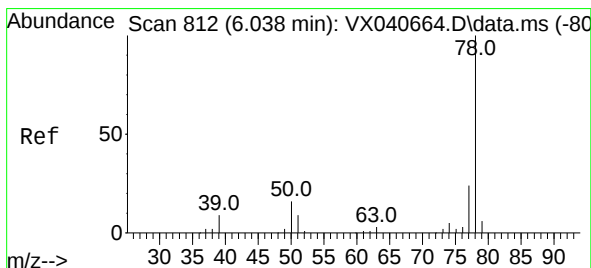
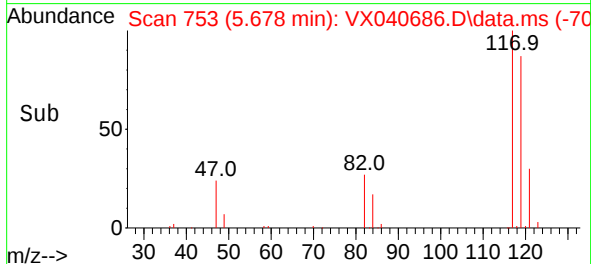
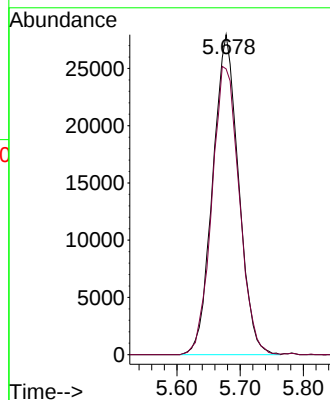
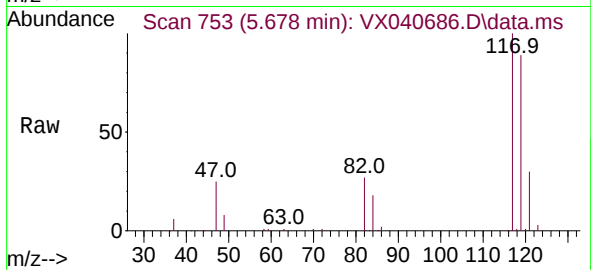




#31
Carbon tetrachloride
Concen: 54.070 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

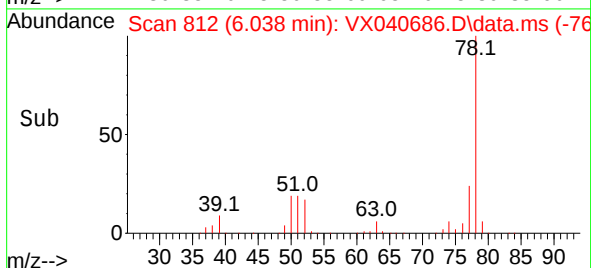
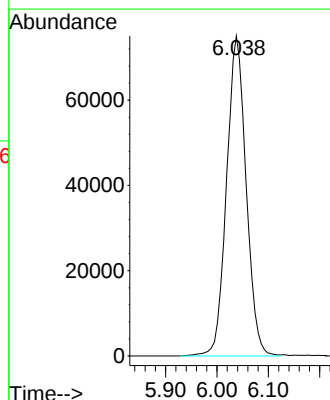
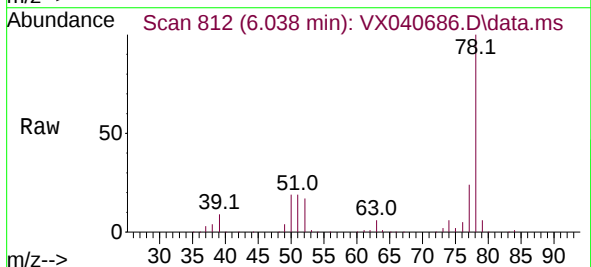
Instrument :
MSVOA_X
ClientSampleId :

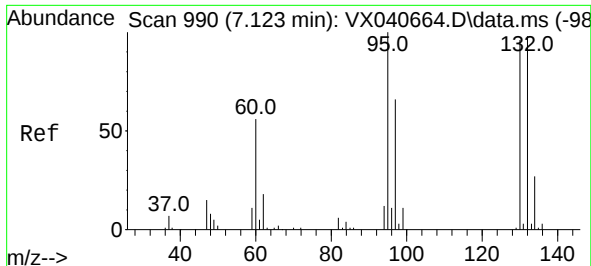
Tgt Ion:117 Resp: 79226
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.2



#33
Benzene
Concen: 52.710 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion: 78 Resp: 198486





#34

Trichloroethene

Concen: 105.436 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

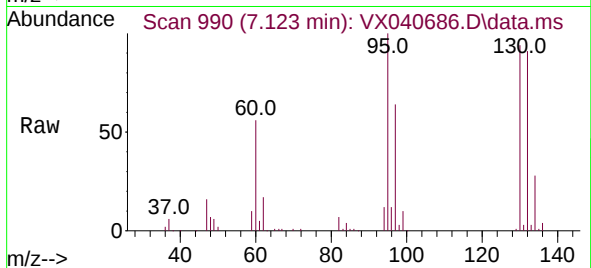
Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 117208

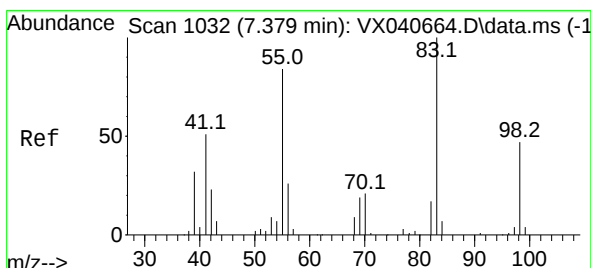
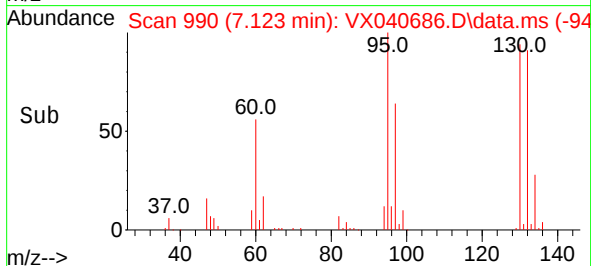
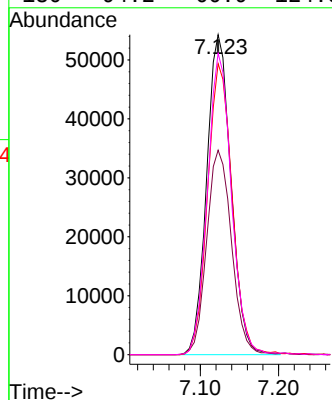
Ion Ratio Lower Upper

95 100

97 63.9 44.7 83.1

132 91.0 61.5 114.3

130 94.2 66.9 124.3



#35

Methylcyclohexane

Concen: 49.454 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

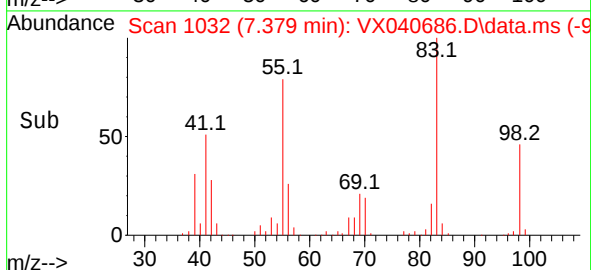
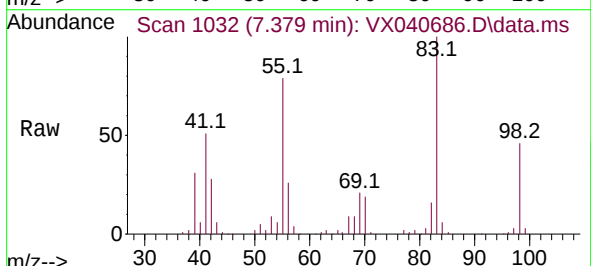
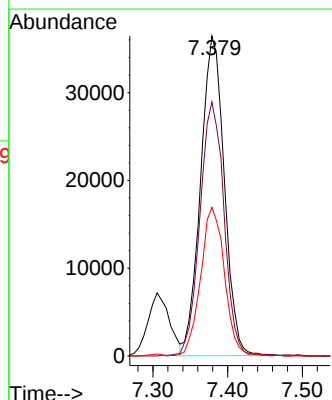
Tgt Ion: 83 Resp: 80339

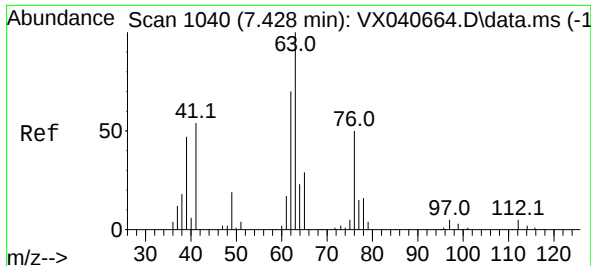
Ion Ratio Lower Upper

83 100

55 79.1 62.6 94.0

98 46.8 37.4 56.2





#37

1,2-Dichloropropane

Concen: 55.141 ug/L

RT: 7.428 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

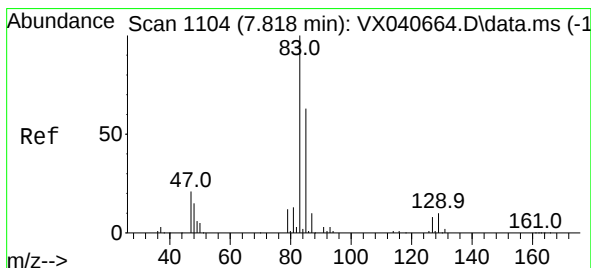
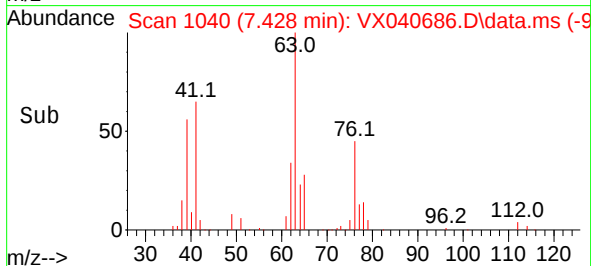
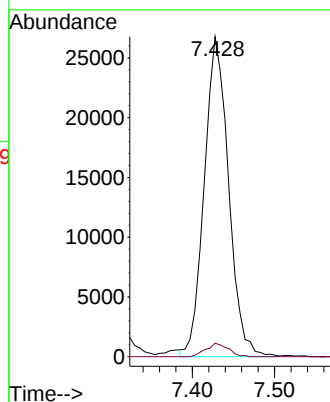
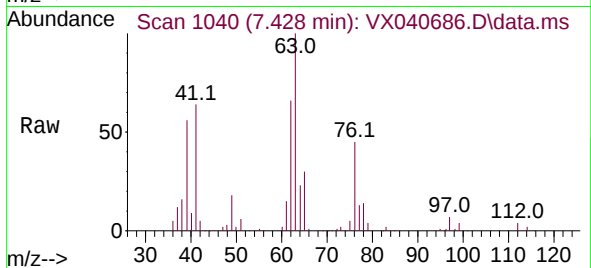
ClientSampleId :

Tgt Ion: 63 Resp: 54971

Ion Ratio Lower Upper

63 100

112 3.8 3.1 4.7



#38

Bromodichloromethane

Concen: 53.361 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

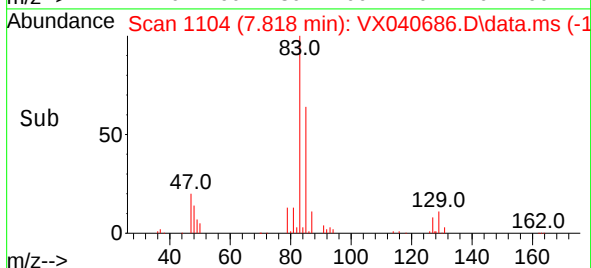
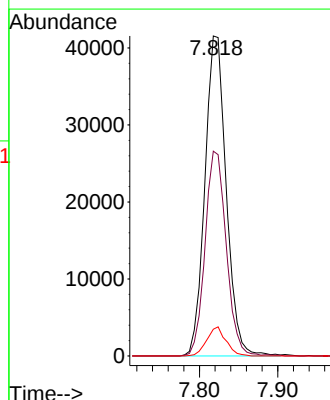
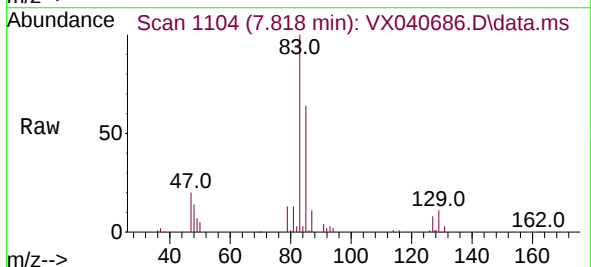
Tgt Ion: 83 Resp: 78680

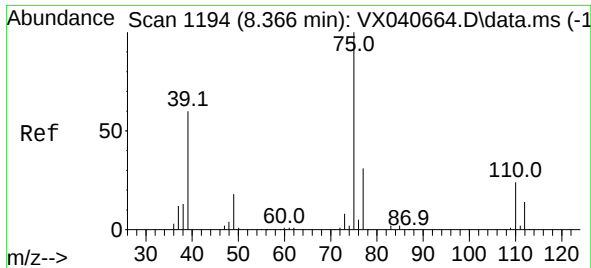
Ion Ratio Lower Upper

83 100

85 64.0 42.8 79.4

127 9.0 6.5 9.7

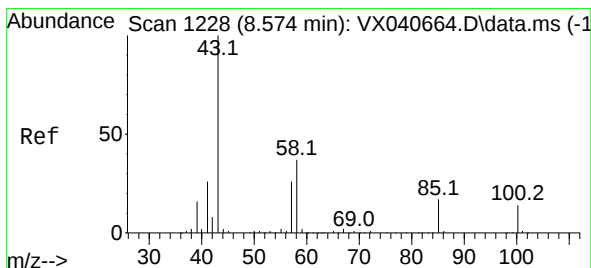
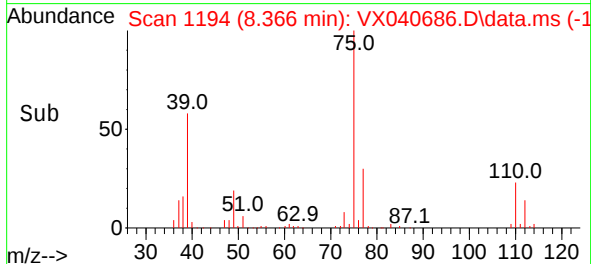
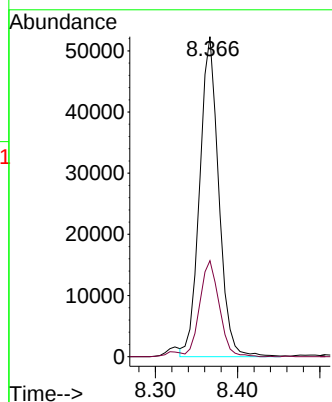
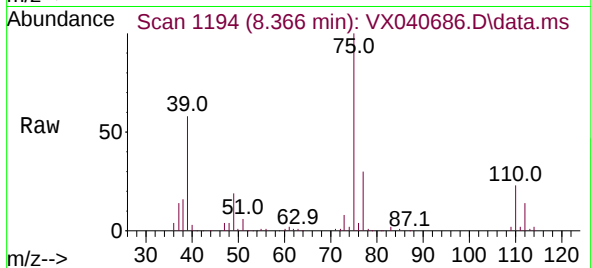




#39
 cis-1,3-Dichloropropene
 Concen: 50.207 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040686.D
 Acq: 16 Mar 2024 04:13

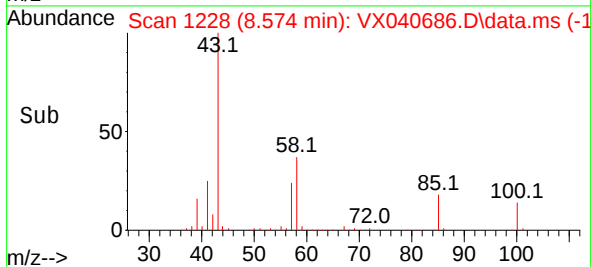
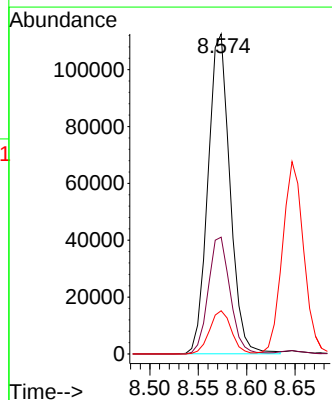
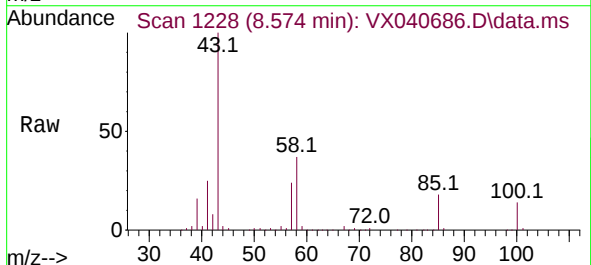
Instrument :
 MSVOA_X
 ClientSampleId :

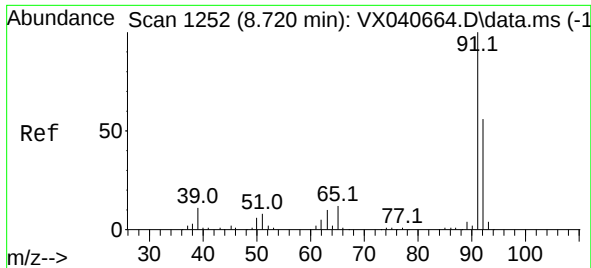
Tgt Ion: 75 Resp: 84268
 Ion Ratio Lower Upper
 75 100
 77 30.0 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 104.293 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX040686.D
 Acq: 16 Mar 2024 04:13

Tgt Ion: 43 Resp: 178242
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.3 43.9
 100 13.4 10.7 16.1





#42

Toluene

Concen: 52.615 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

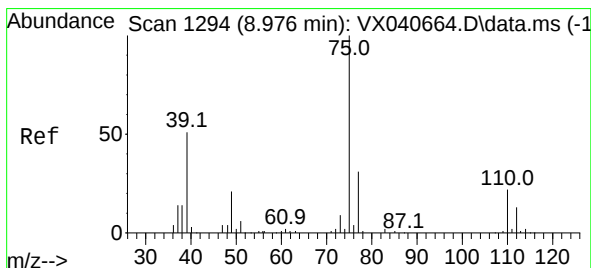
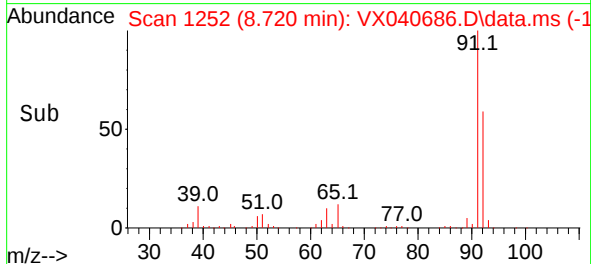
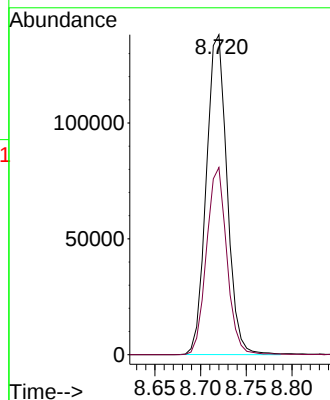
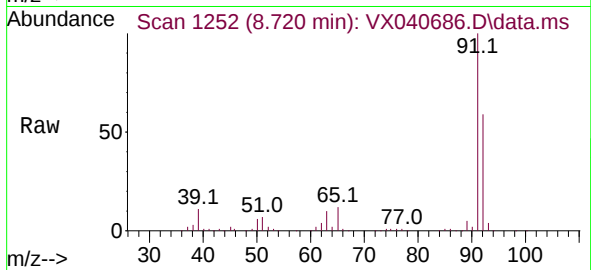
ClientSampleId :

Tgt Ion: 91 Resp: 217359

Ion Ratio Lower Upper

91 100

92 58.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.002 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040686.D

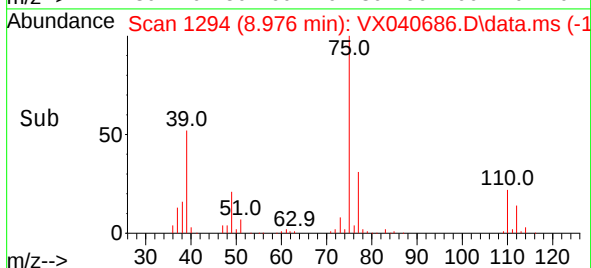
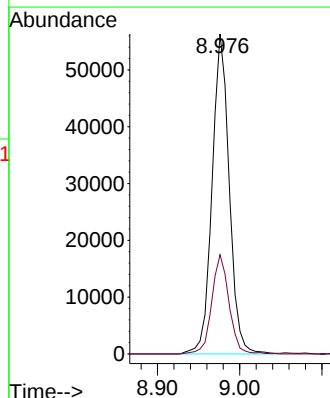
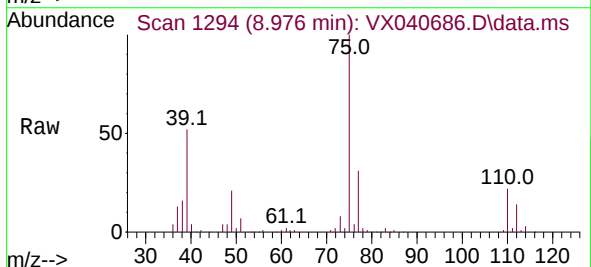
Acq: 16 Mar 2024 04:13

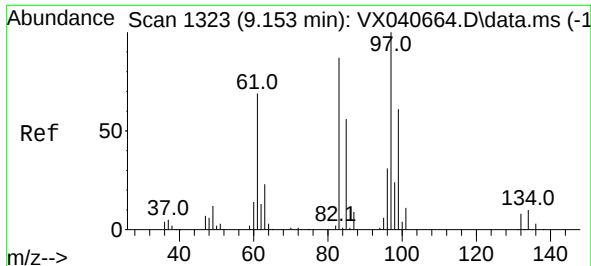
Tgt Ion: 75 Resp: 81744

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1

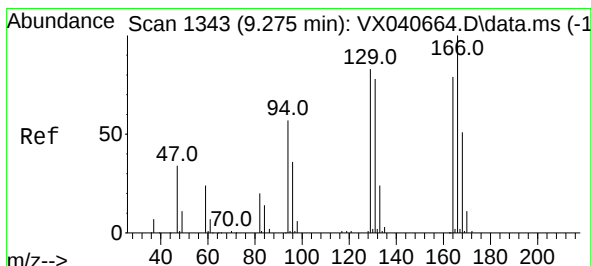
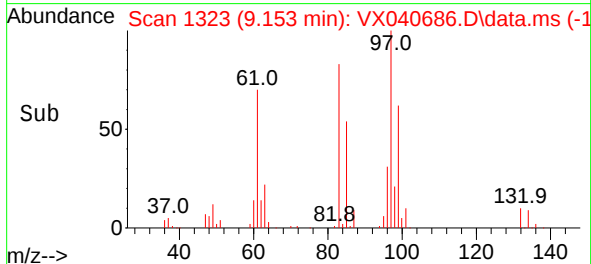
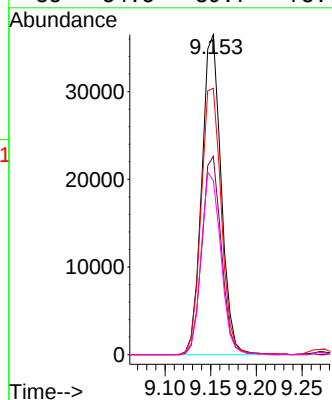
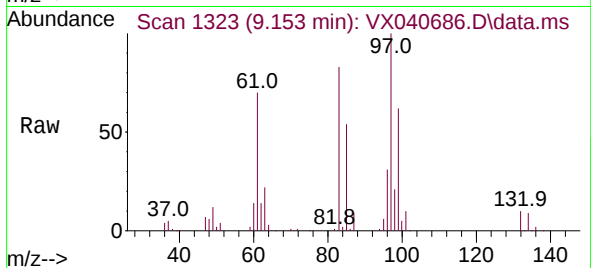




#45
1,1,2-Trichloroethane
Concen: 52.371 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

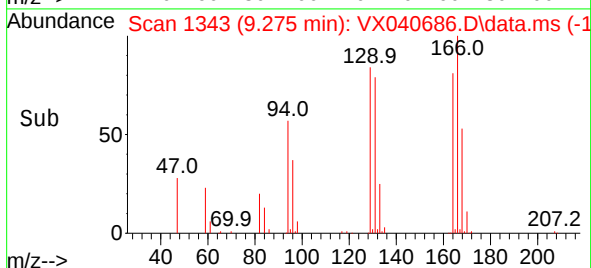
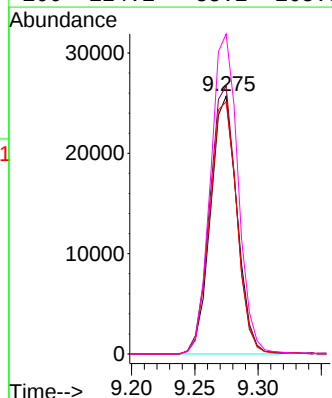
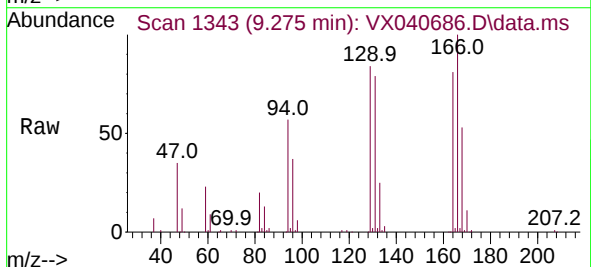
Instrument :
MSVOA_X
ClientSampleId :

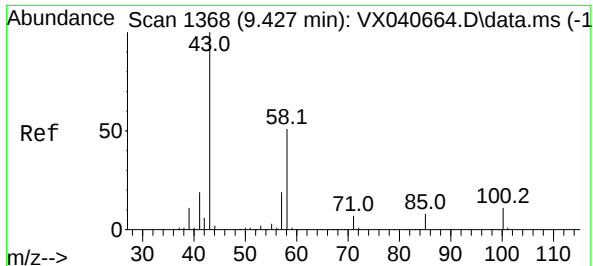
Tgt Ion:	97	Resp:	53895
Ion Ratio	Lower	Upper	
97	100		
99	62.0	42.6	79.0
83	83.3	59.2	110.0
85	54.5	39.7	73.7



#46
Tetrachloroethene
Concen: 46.879 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

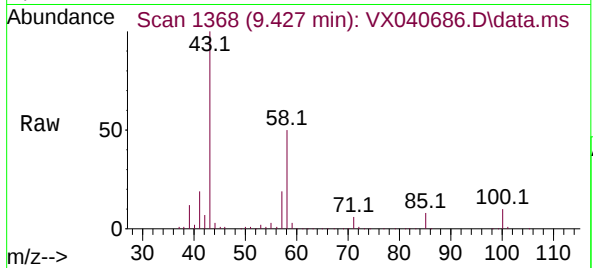
Tgt Ion:	164	Resp:	37417
Ion Ratio	Lower	Upper	
164	100		
129	104.0	67.8	126.0
131	97.8	67.8	126.0
166	124.1	88.2	163.8



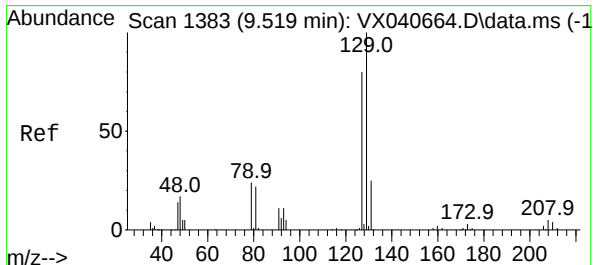
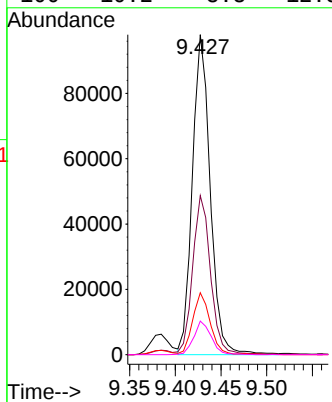
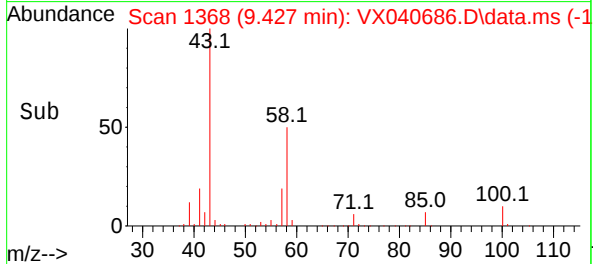


#48
2-Hexanone
Concen: 94.455 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Instrument :
MSVOA_X
ClientSampleId :

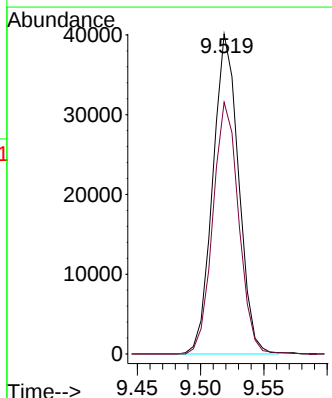
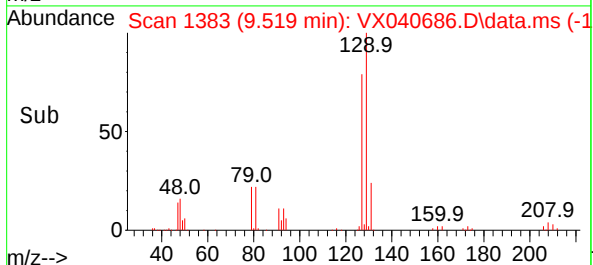
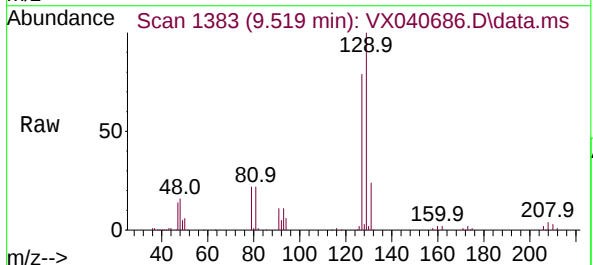


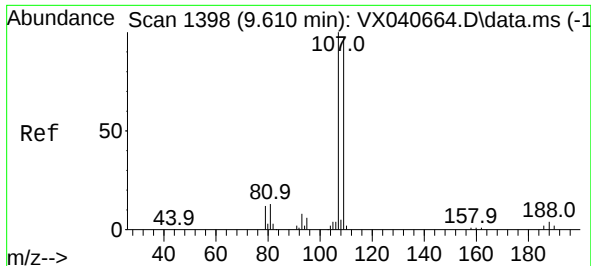
Tgt Ion:	43	58	57	100
Resp:	133765	49.7	18.8	10.2
Lower		41.0	14.8	8.3
Upper		61.6	22.2	12.5



#49
Dibromochloromethane
Concen: 52.777 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion:	129	127
Resp:	56750	78.7
Lower		55.8
Upper		103.6





#50

1,2-Dibromoethane

Concen: 52.667 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX040686.D

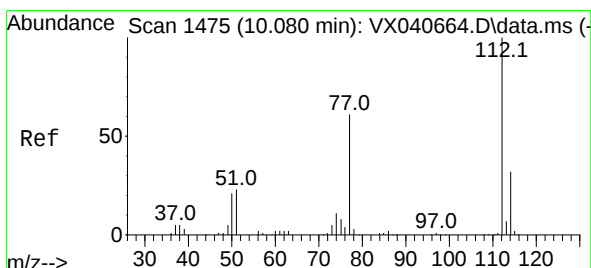
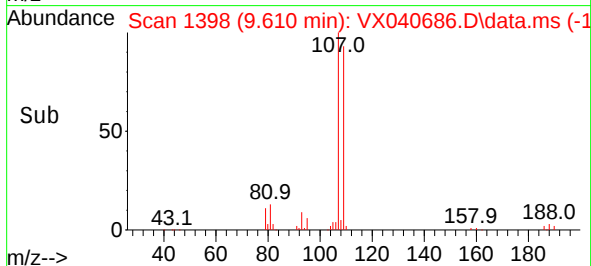
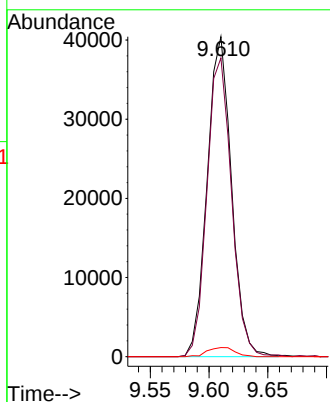
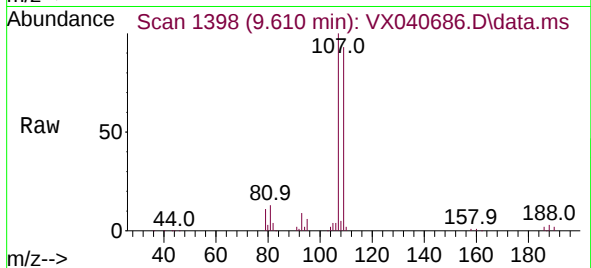
Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	58286
Ion	Ratio	Lower	Upper
107	100		
109	93.3	62.9	116.7
188	2.8	2.5	3.7



#51

Chlorobenzene

Concen: 52.378 ug/L

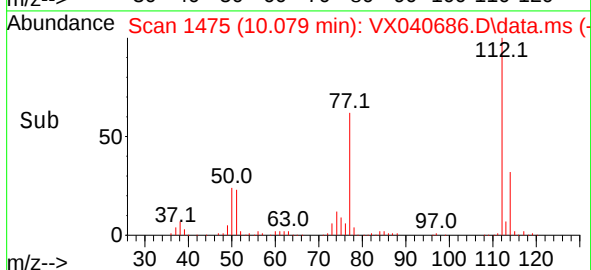
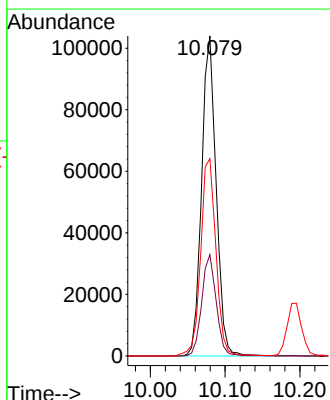
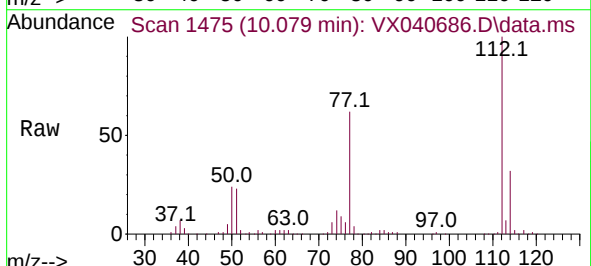
RT: 10.079 min Scan# 1475

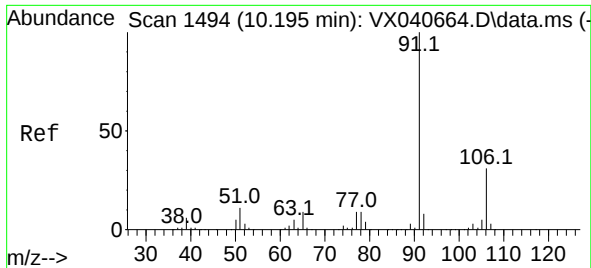
Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Tgt Ion:	112	Resp:	140186
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	61.7	50.6	75.8





#52

Ethylbenzene

Concen: 52.485 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

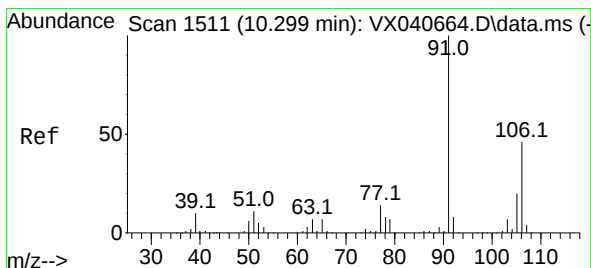
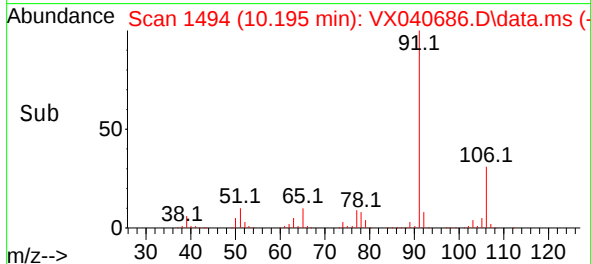
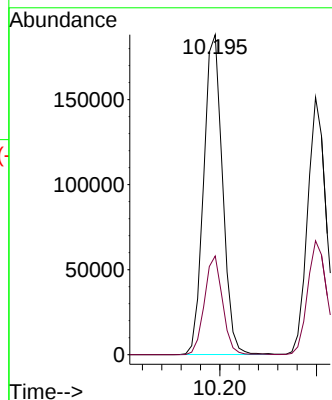
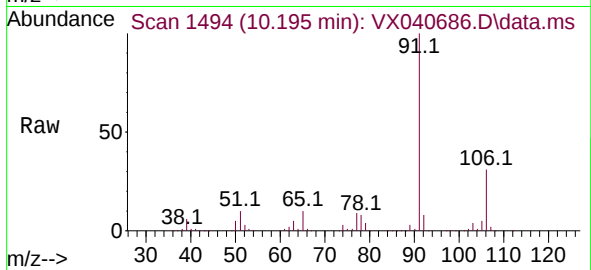
ClientSampleId :

Tgt Ion: 91 Resp: 254797

Ion Ratio Lower Upper

91 100

106 30.8 20.6 38.4



#53

m,p-Xylene

Concen: 52.208 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040686.D

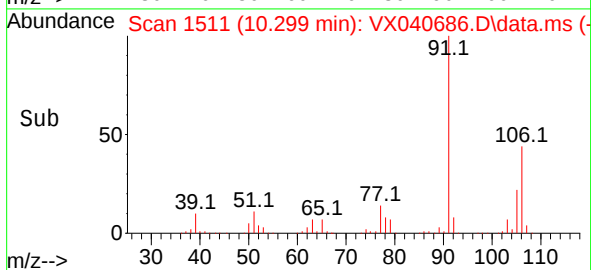
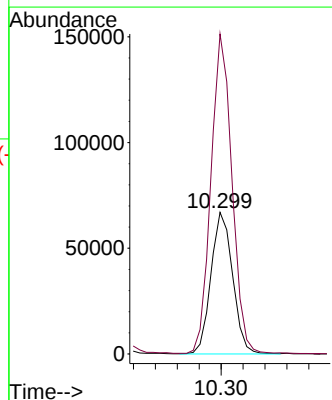
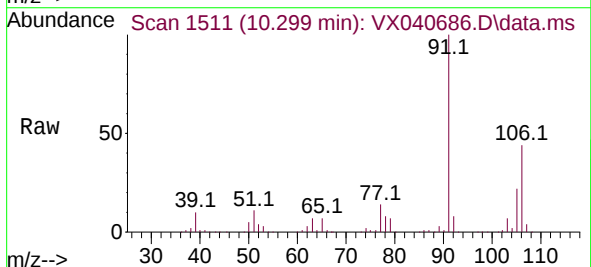
Acq: 16 Mar 2024 04:13

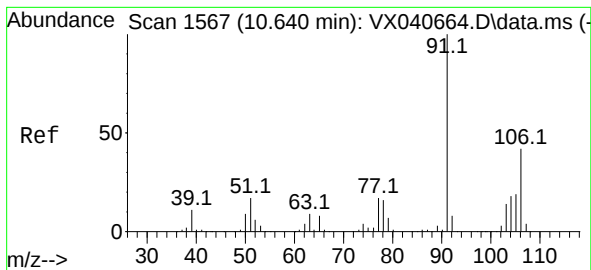
Tgt Ion:106 Resp: 92140

Ion Ratio Lower Upper

106 100

91 226.1 160.4 298.0

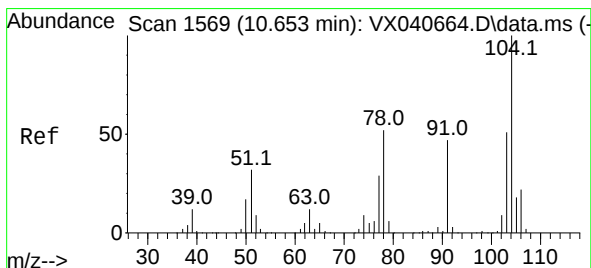
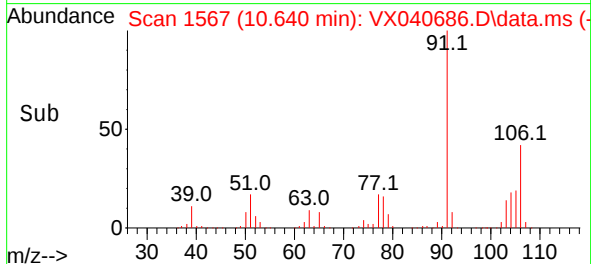
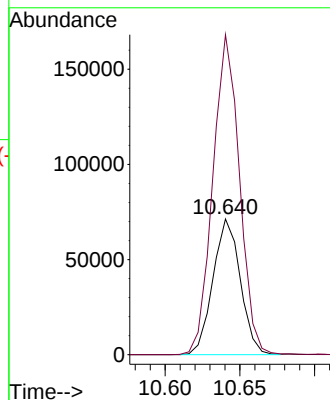
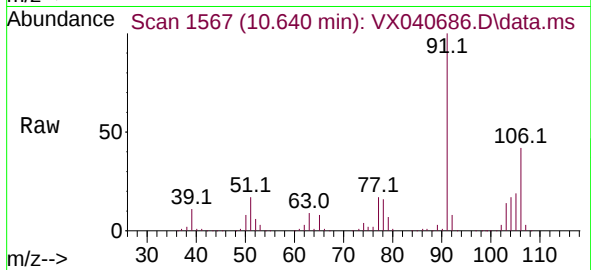




#54
o-Xylene
Concen: 53.566 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

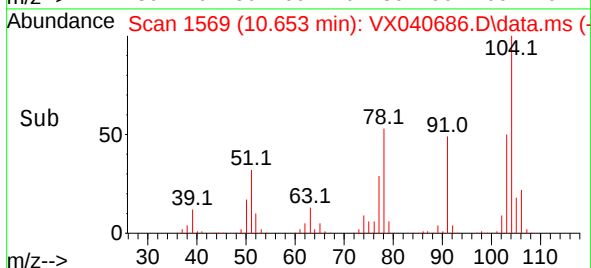
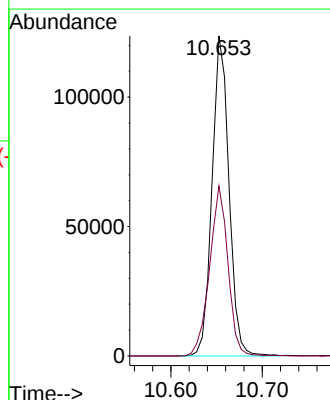
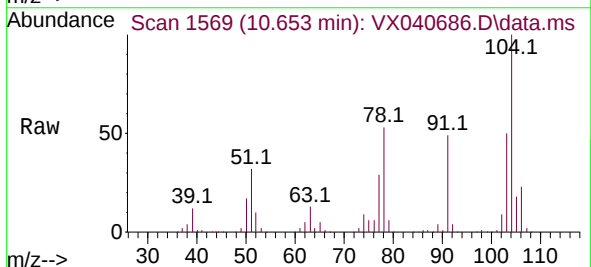
Instrument :
MSVOA_X
ClientSampleId :

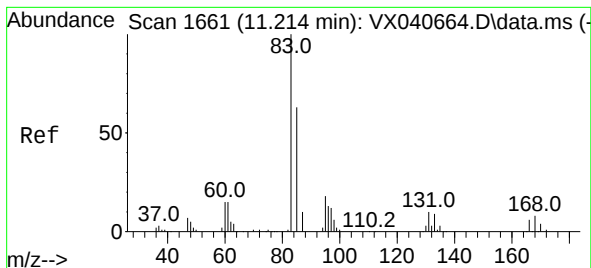
Tgt Ion:106 Resp: 90748
Ion Ratio Lower Upper
106 100
91 235.9 161.7 300.3



#55
Styrene
Concen: 53.834 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion:104 Resp: 158926
Ion Ratio Lower Upper
104 100
78 53.1 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 47.345 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

ClientSampleId :

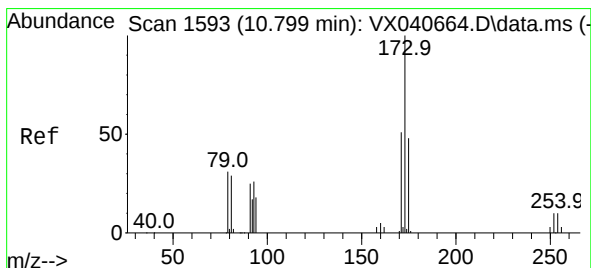
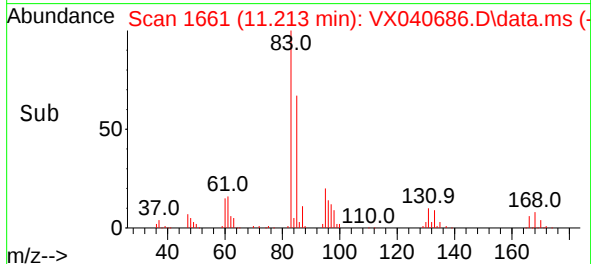
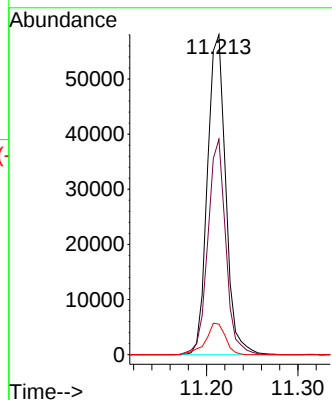
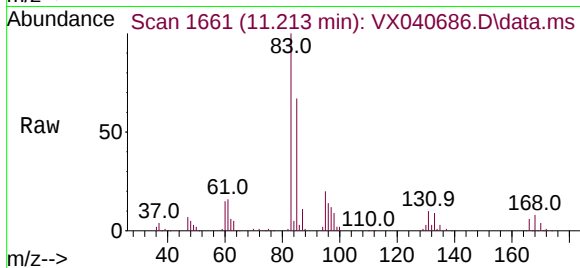
Tgt Ion: 83 Resp: 80307

Ion Ratio Lower Upper

83 100

85 67.3 45.2 84.0

131 9.6 8.2 12.2



#59

Bromoform

Concen: 56.587 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

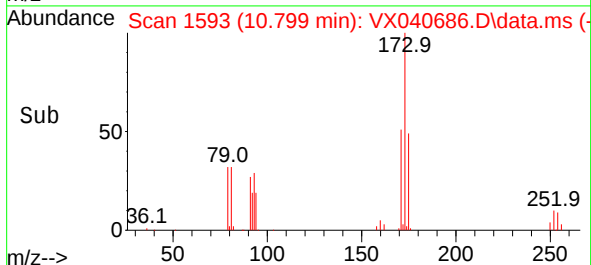
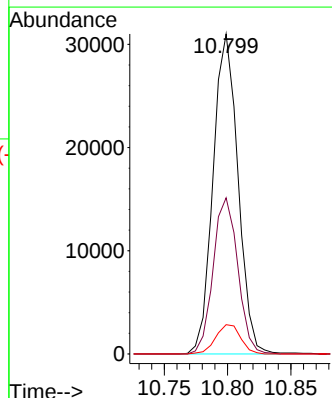
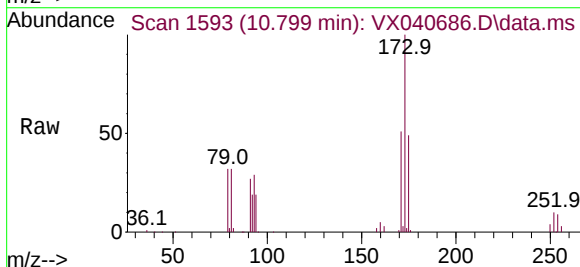
Tgt Ion:173 Resp: 42461

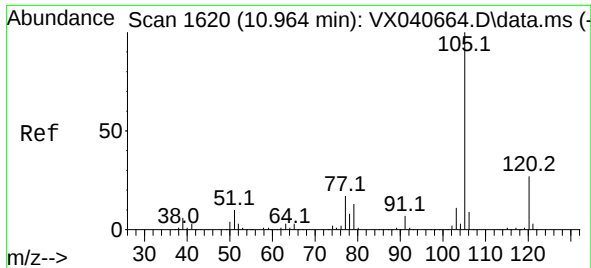
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.0

254 9.2 7.9 11.9

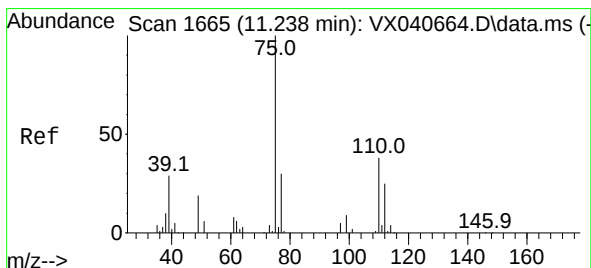
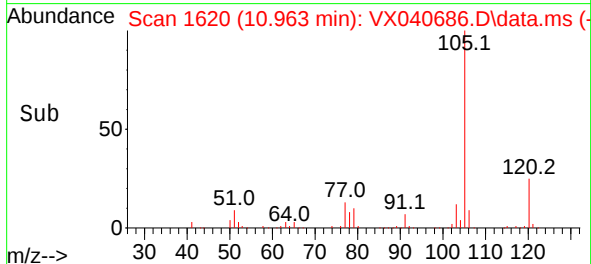
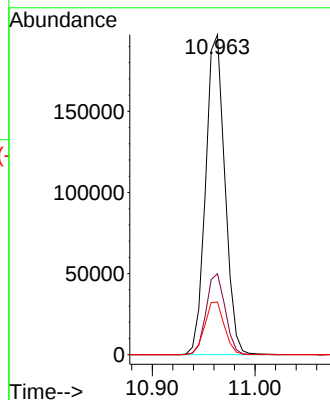
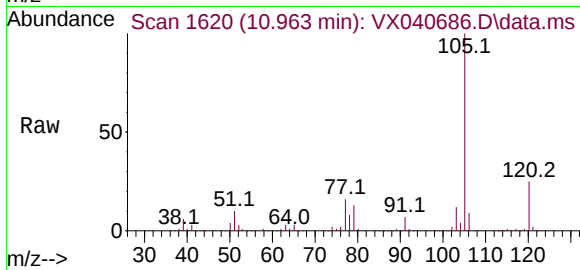




#60
Isopropylbenzene
Concen: 59.076 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

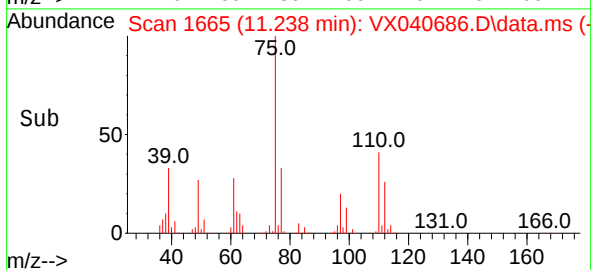
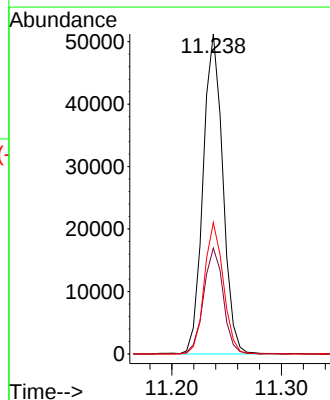
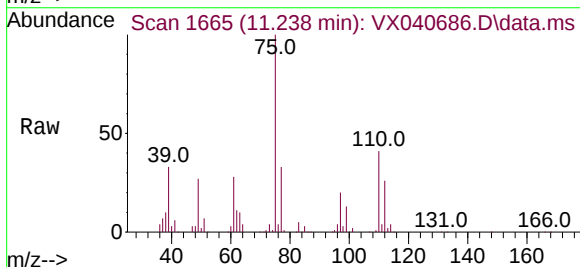
Instrument :
MSVOA_X
ClientSampleId :

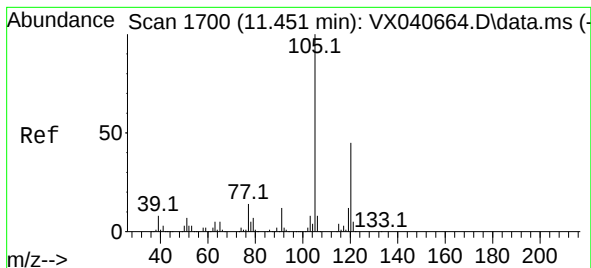
Tgt Ion:105 Resp: 256593
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 16.9 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 49.698 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion: 75 Resp: 64071
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 39.4 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 52.176 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

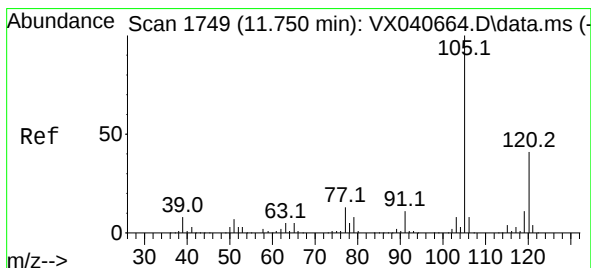
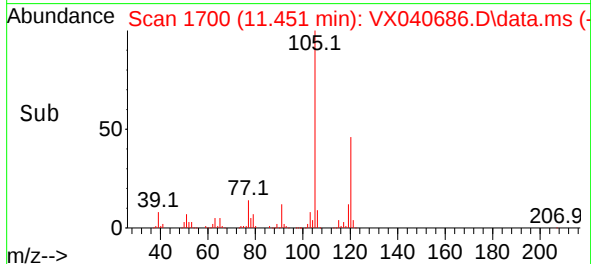
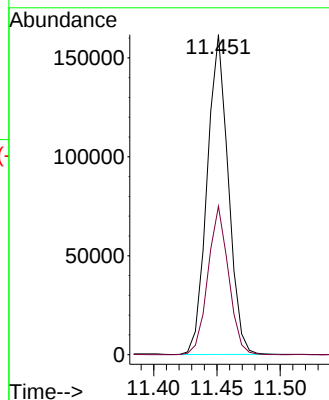
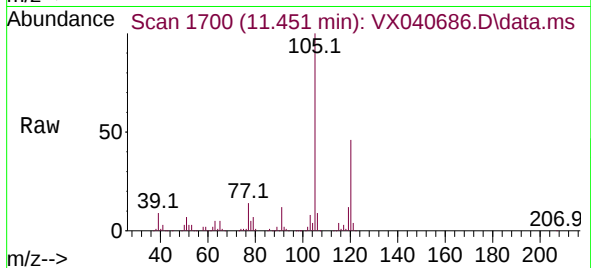
ClientSampleId :

Tgt Ion:105 Resp: 187895

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 51.797 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040686.D

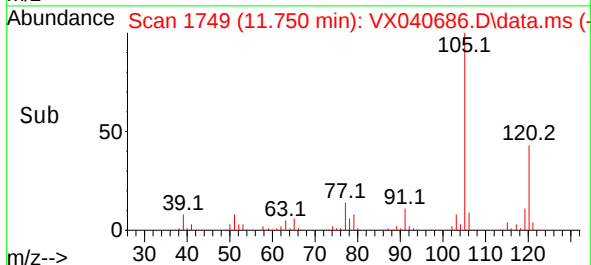
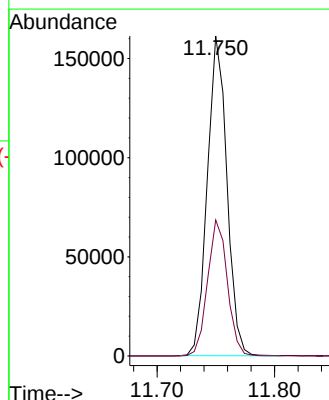
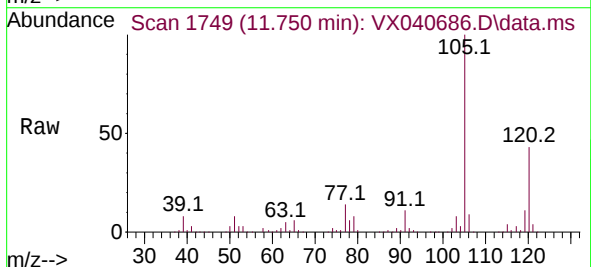
Acq: 16 Mar 2024 04:13

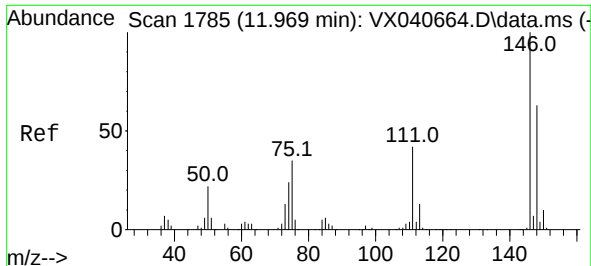
Tgt Ion:105 Resp: 186520

Ion Ratio Lower Upper

105 100

120 43.1 33.9 50.9

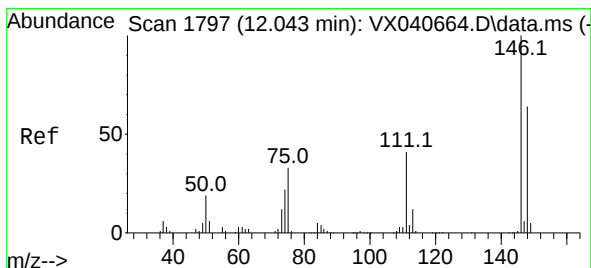
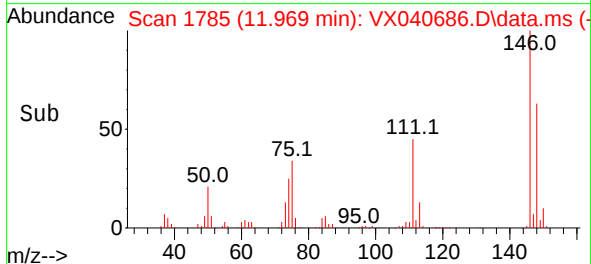
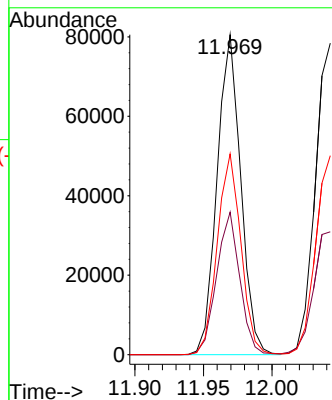
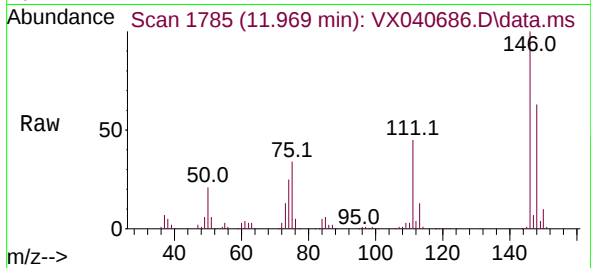




#64
1,3-Dichlorobenzene
Concen: 50.895 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

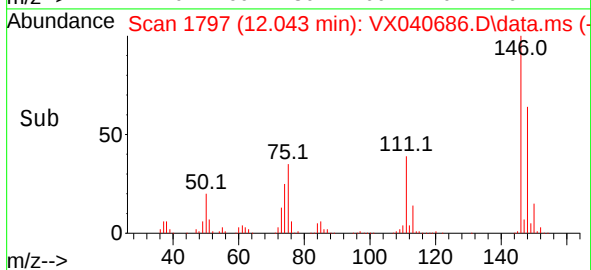
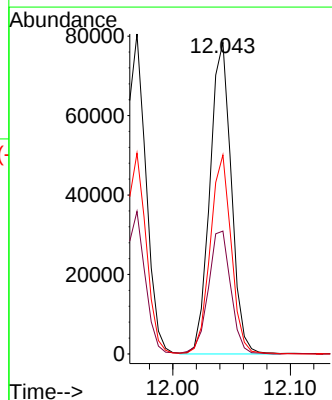
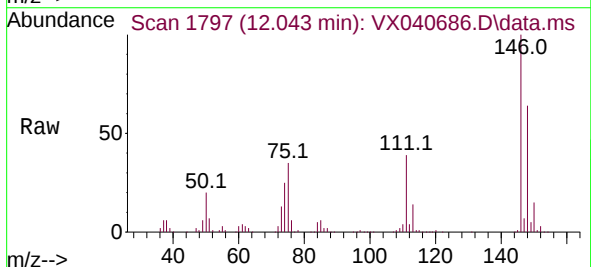
Instrument :
MSVOA_X
ClientSampleId :

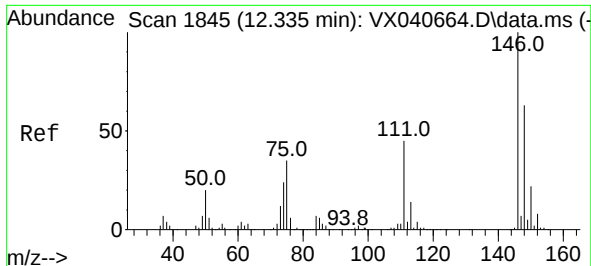
Tgt Ion:146 Resp: 96780
Ion Ratio Lower Upper
146 100
111 44.6 30.0 55.6
148 62.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.421 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040686.D
Acq: 16 Mar 2024 04:13

Tgt Ion:146 Resp: 99439
Ion Ratio Lower Upper
146 100
111 39.5 28.8 53.4
148 63.9 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 54.083 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

ClientSampleId :

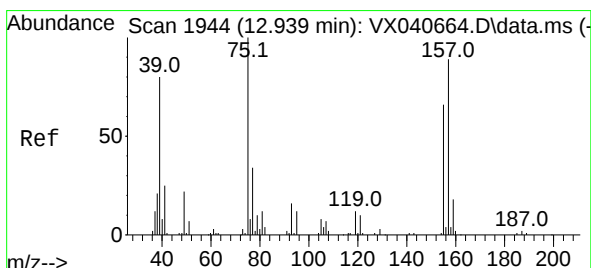
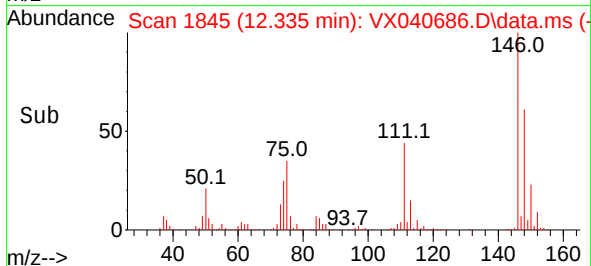
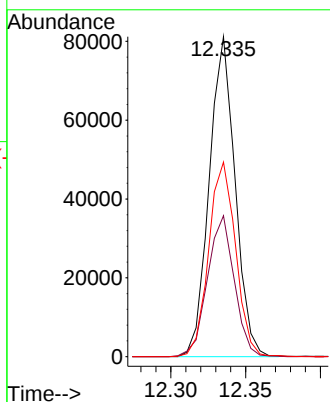
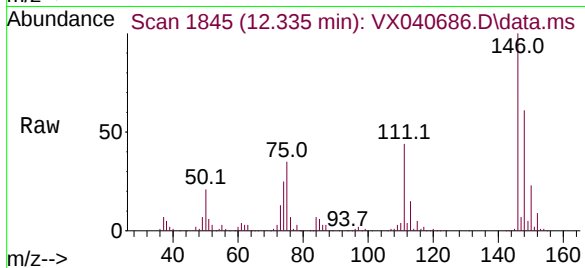
Tgt Ion:146 Resp: 97794

Ion Ratio Lower Upper

146 100

111 44.1 35.8 53.8

148 60.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 51.465 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

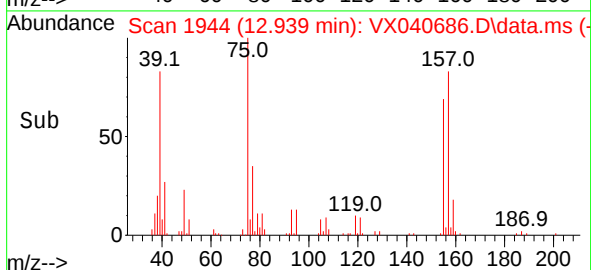
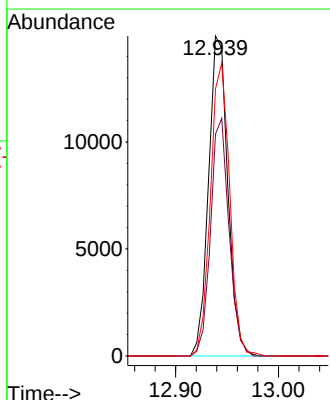
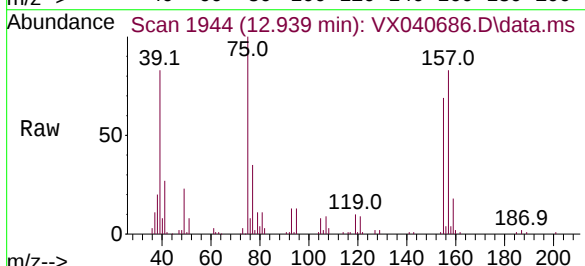
Tgt Ion: 75 Resp: 19423

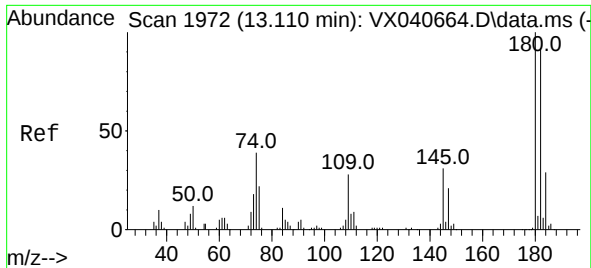
Ion Ratio Lower Upper

75 100

155 69.3 53.9 80.9

157 83.4 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 50.637 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

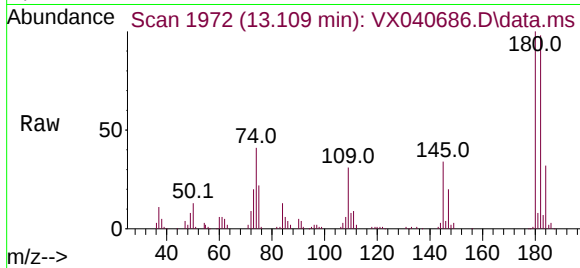
Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 64635

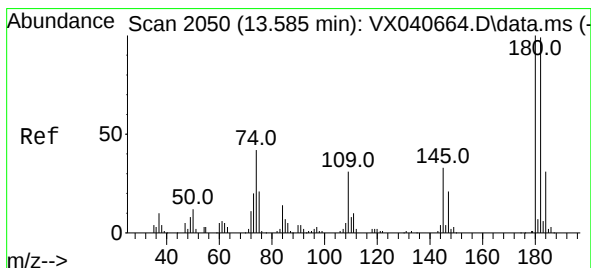
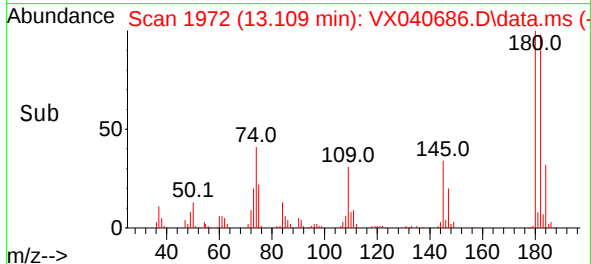
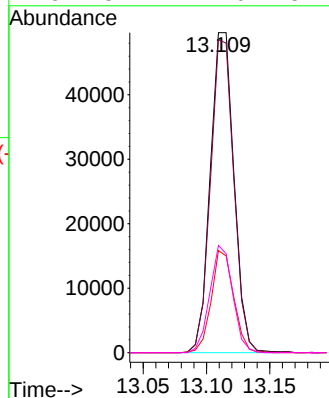
Ion Ratio Lower Upper

180 100

182 96.3 76.6 115.0

184 30.2 24.3 36.5

145 32.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 51.413 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

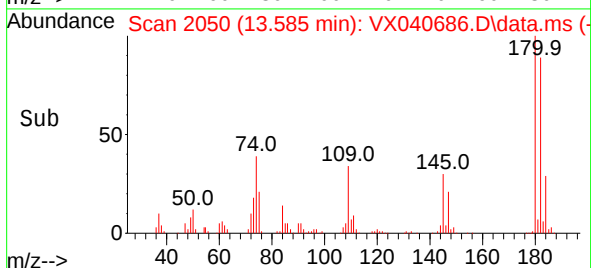
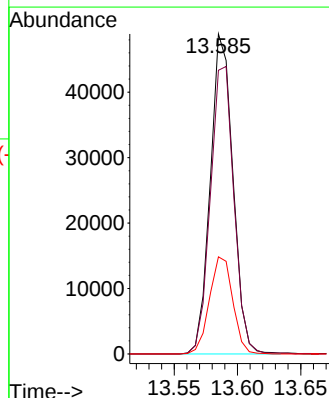
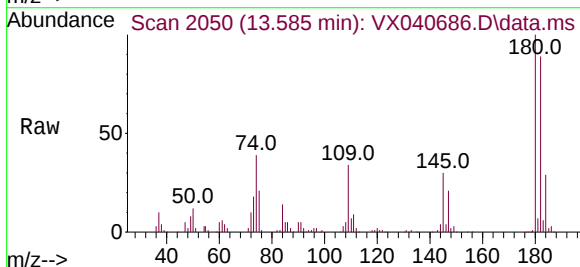
Tgt Ion:180 Resp: 60859

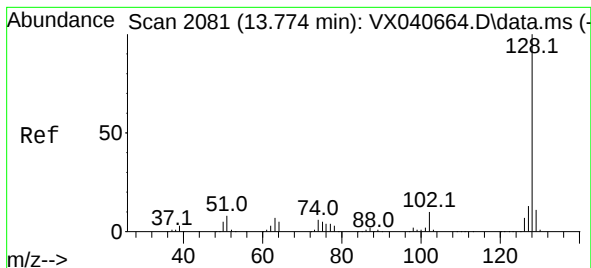
Ion Ratio Lower Upper

180 100

182 93.2 75.1 112.7

145 31.3 26.2 39.4





#71

Naphthalene

Concen: 52.567 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Instrument :

MSVOA_X

ClientSampleId :

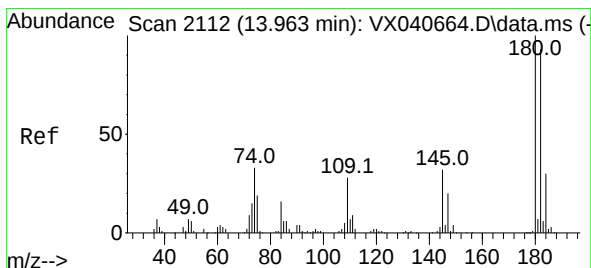
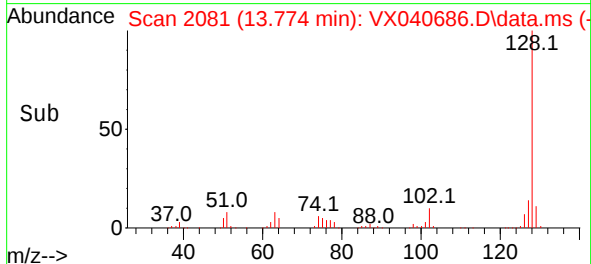
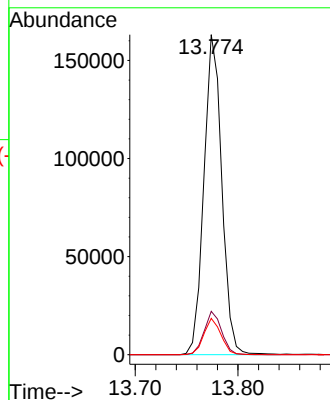
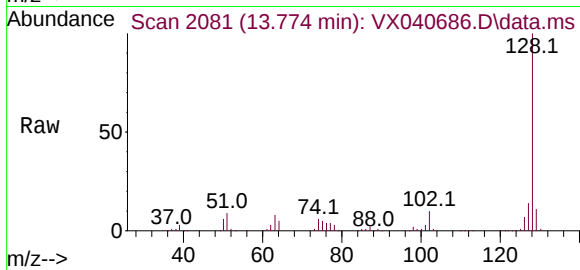
Tgt Ion:128 Resp: 197777

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.683 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040686.D

Acq: 16 Mar 2024 04:13

Tgt Ion:180 Resp: 61431

Ion Ratio Lower Upper

180 100

182 94.3 76.9 115.3

145 34.0 27.8 41.8

