

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041812.D
 Acq On : 10 Jun 2024 15:54
 Operator : JC/MD
 Sample : P2760-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

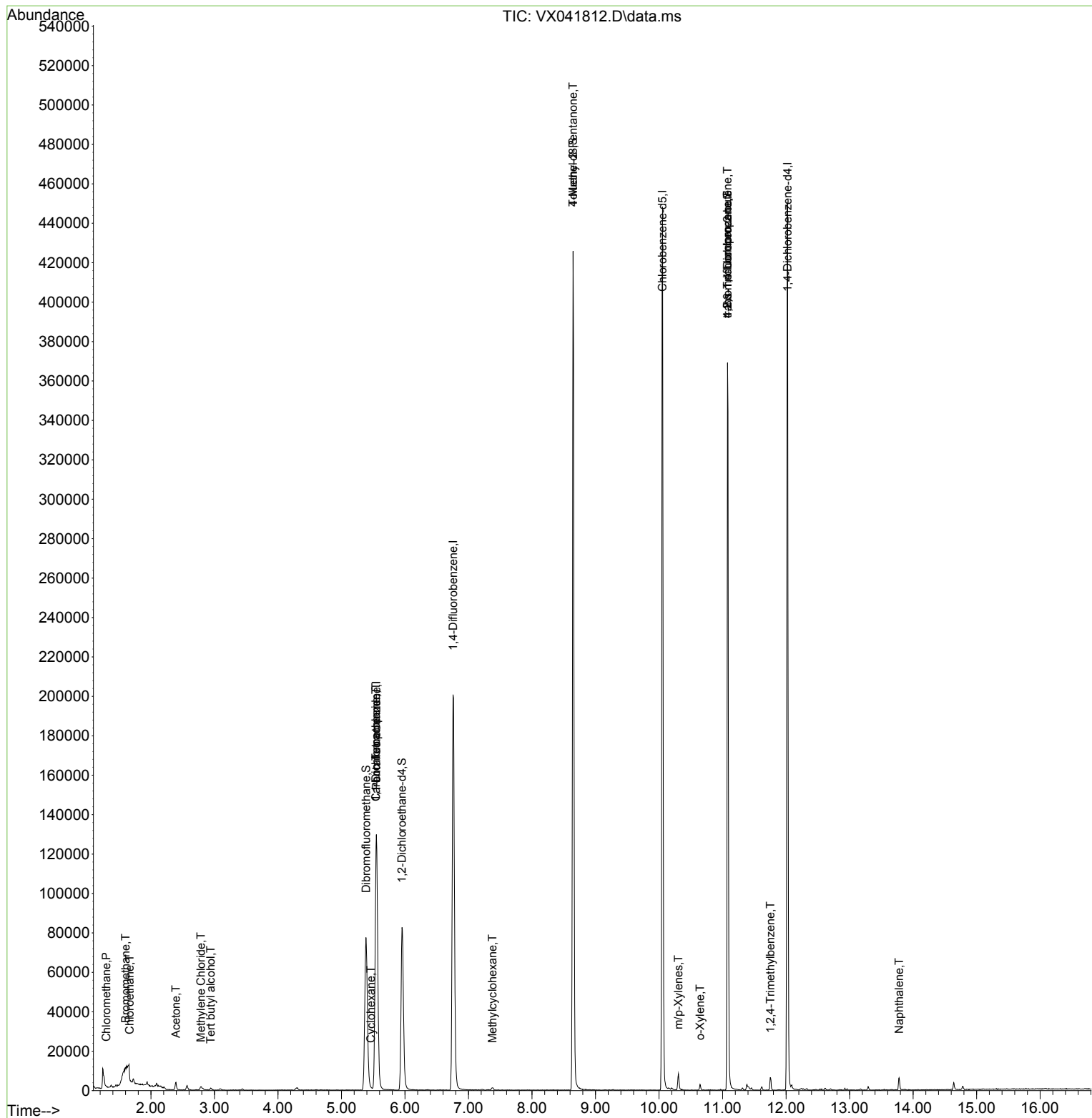
Internal Standards						
1) Pentafluorobenzene	5.550	168	136494	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	215784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82119	49.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.100%
35) Dibromofluoromethane	5.385	113	67187	45.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	253670	48.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.079	95	96342	50.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.140%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	443	0.339	ug/l	95
5) Bromomethane	1.599	94	273	0.291	ug/l	100
6) Chloroethane	1.666	64	270	0.332	ug/l	91
11) Tert butyl alcohol	2.940	59	598	2.019	ug/l	# 78
16) Acetone	2.392	43	4180	2.998	ug/l	94
20) Methylene Chloride	2.788	84	797	0.532	ug/l	# 76
31) Cyclohexane	5.464	56	496	0.251	ug/l	# 78
36) 1,1-Dichloropropene	5.544	75	8747	4.842	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	12351	6.018	ug/l	# 17
39) Methylcyclohexane	7.379	83	515	0.232	ug/l	# 91
51) 4-Methyl-2-Pentanone	8.647	43	1159	0.519	ug/l	# 1
68) m/p-Xylenes	10.305	106	2146	0.741	ug/l	99
69) o-Xylene	10.646	106	696	0.242	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	48177	26.263	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	48177	71.578	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	3479	0.631	ug/l	90
95) Naphthalene	13.780	128	5314	0.780	ug/l	100

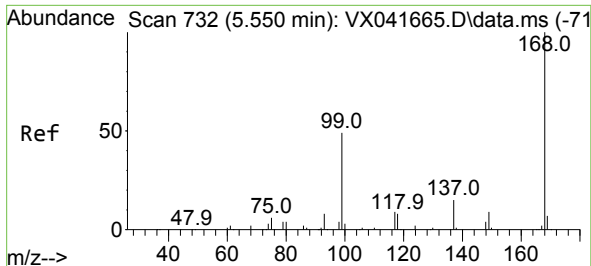
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

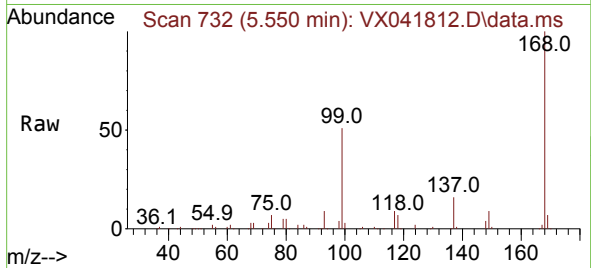
Quant Time: Jun 11 03:50:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



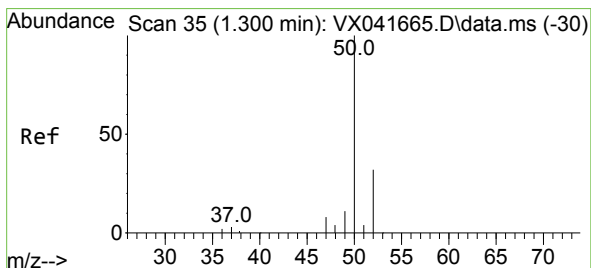
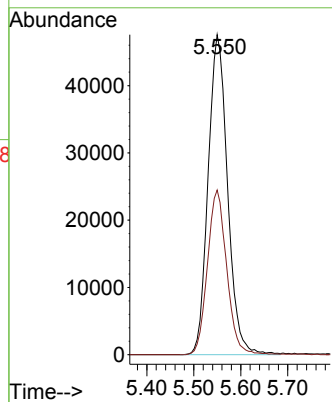
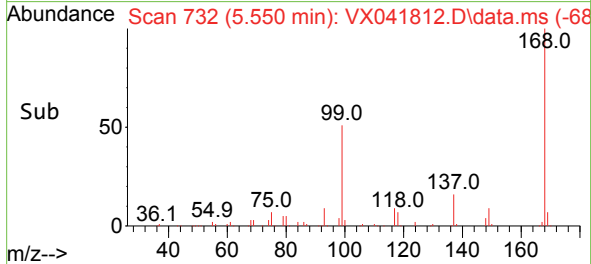


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

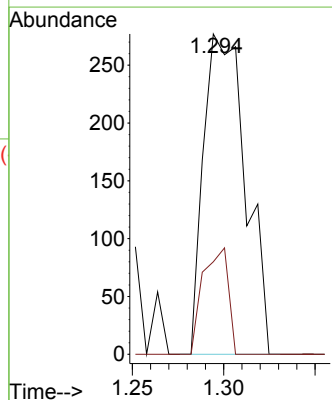
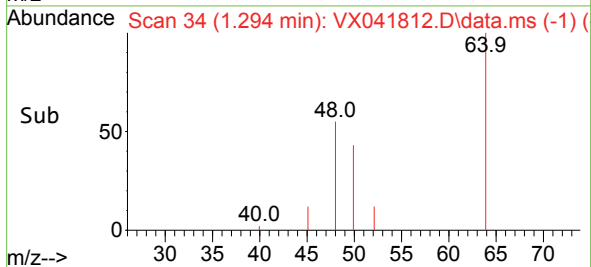
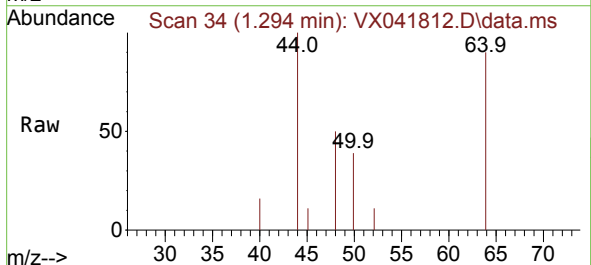


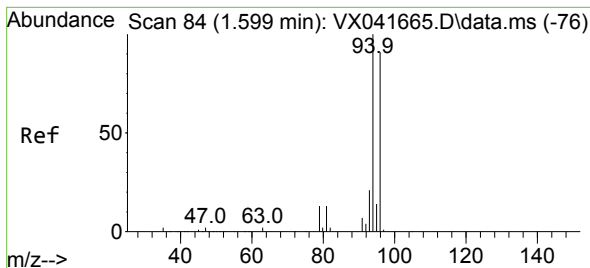
Tgt Ion:168 Resp: 136494
Ion Ratio Lower Upper
168 100
99 51.5 56.6 85.0#



#3
Chloromethane
Concen: 0.339 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 28.9 25.5 38.3





#5

Bromomethane

Concen: 0.291 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041812.D

Acq: 10 Jun 2024 15:54

Instrument :

MSVOA_X

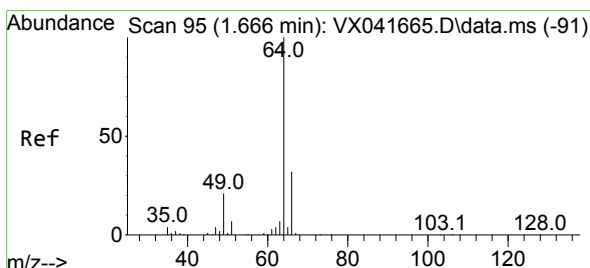
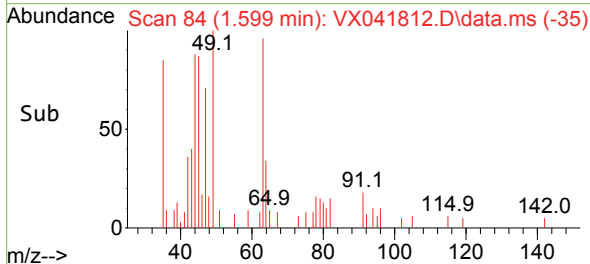
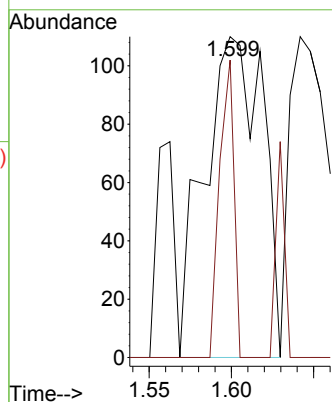
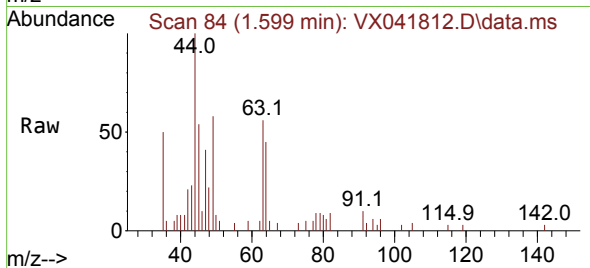
ClientSampleId :

Tgt Ion: 94 Resp: 273

Ion Ratio Lower Upper

94 100

96 92.7 74.6 111.8



#6

Chloroethane

Concen: 0.332 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX041812.D

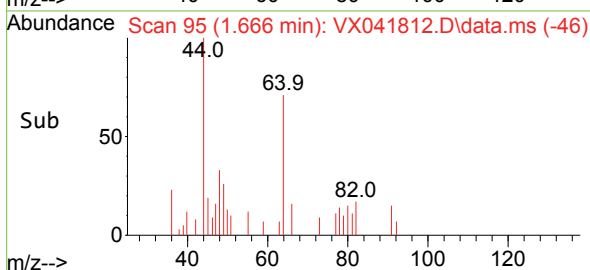
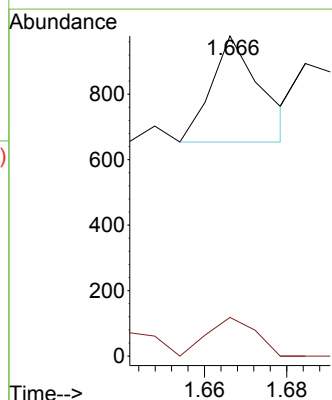
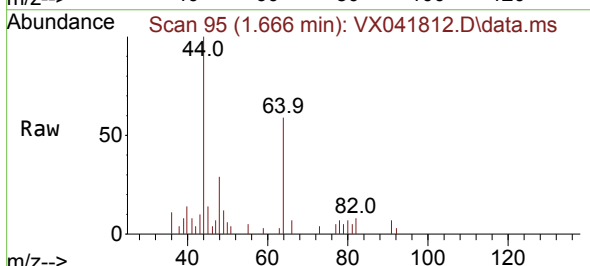
Acq: 10 Jun 2024 15:54

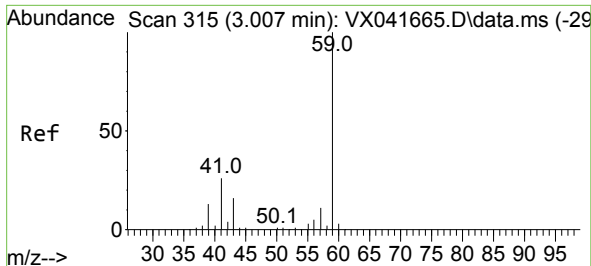
Tgt Ion: 64 Resp: 270

Ion Ratio Lower Upper

64 100

66 36.4 25.1 37.7





#11

Tert butyl alcohol

Concen: 2.019 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

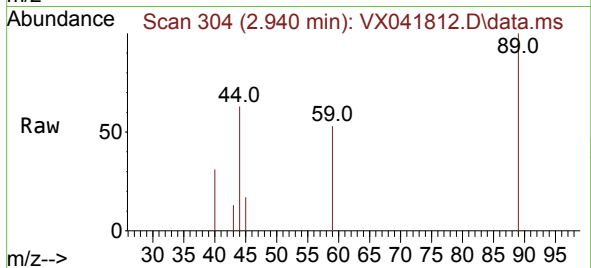
Lab File: VX041812.D

Acq: 10 Jun 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

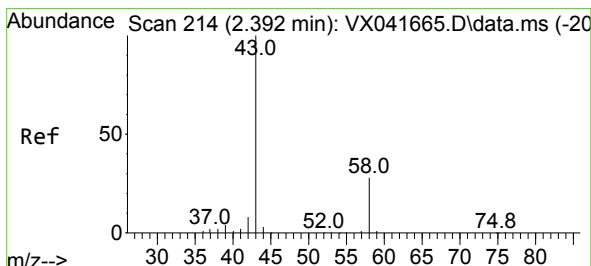
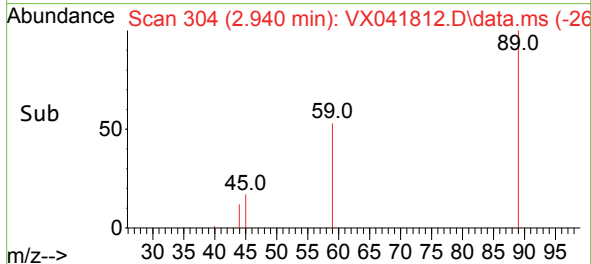
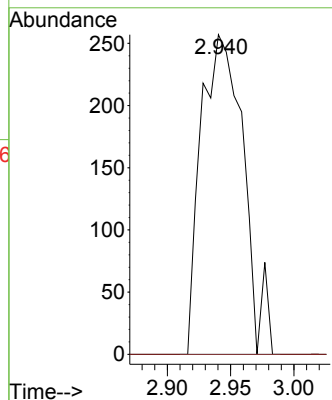


Tgt Ion: 59 Resp: 598

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.998 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041812.D

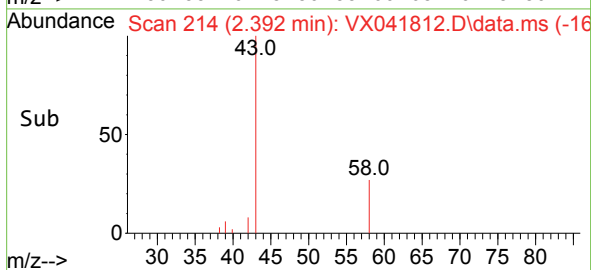
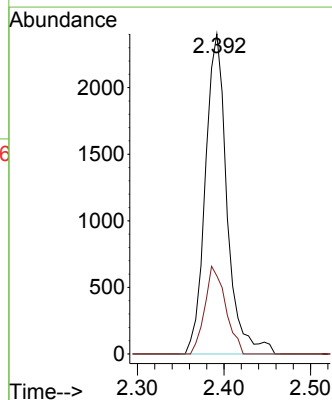
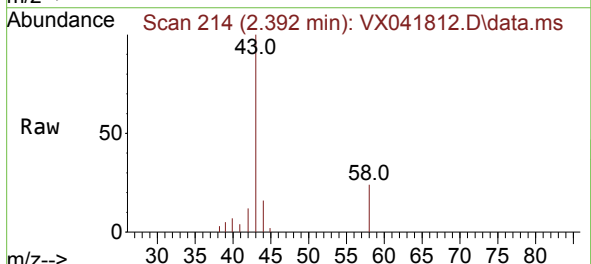
Acq: 10 Jun 2024 15:54

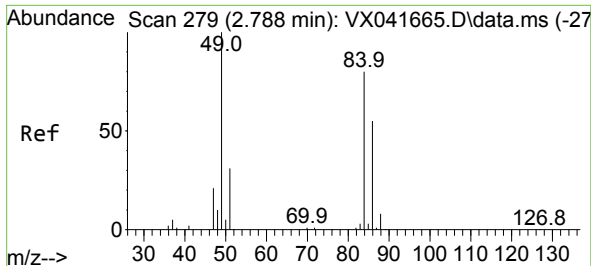
Tgt Ion: 43 Resp: 4180

Ion Ratio Lower Upper

43 100

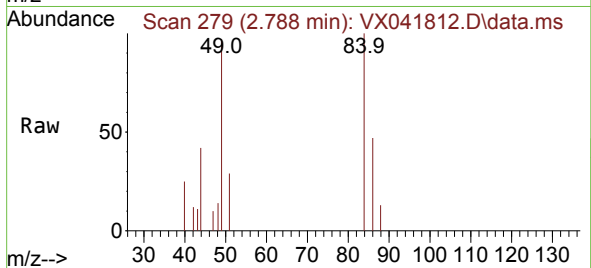
58 24.4 21.9 32.9



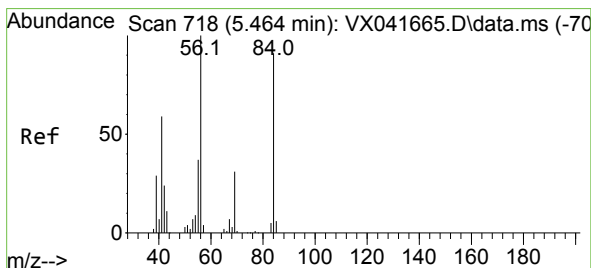
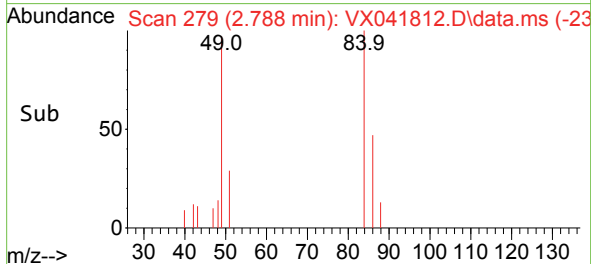
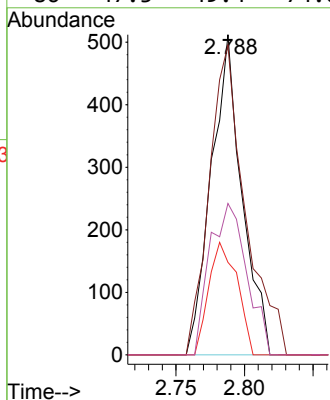


#20
Methylene Chloride
Concen: 0.532 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

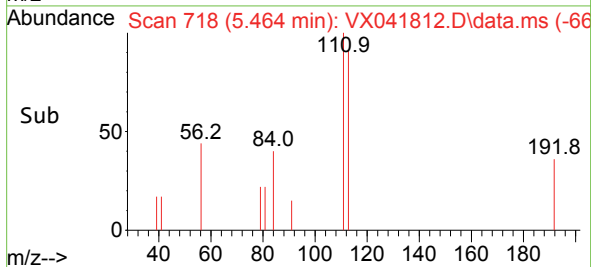
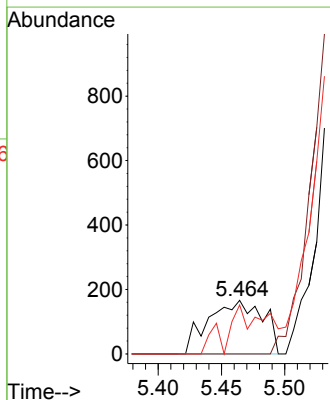
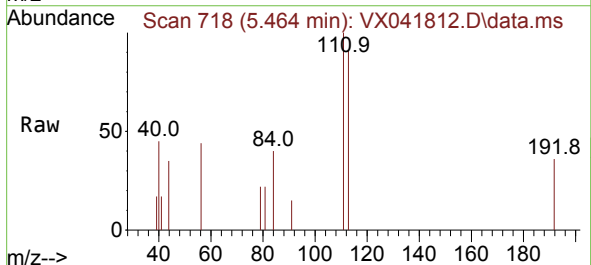


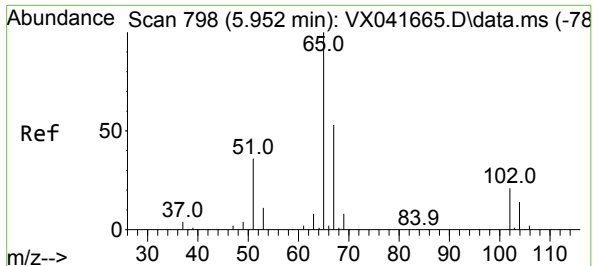
Tgt Ion:	84	Resp:	797
Ion	Ratio	Lower	Upper
84	100		
49	96.7	103.6	155.4#
51	28.9	33.8	50.6#
86	47.3	49.4	74.0#



#31
Cyclohexane
Concen: 0.251 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Tgt Ion:	56	Resp:	496
Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.4	35.2#
84	91.6	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 49.054 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041812.D

Acq: 10 Jun 2024 15:54

Instrument :

MSVOA_X

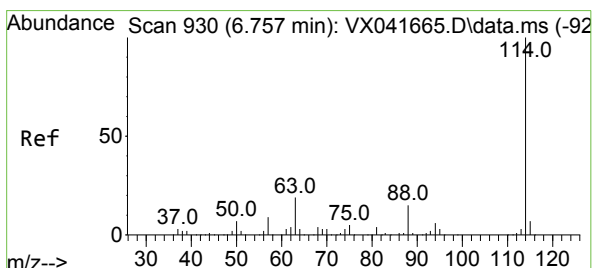
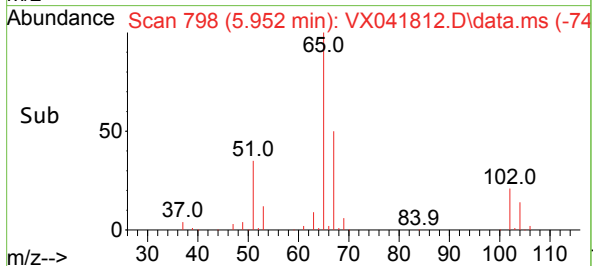
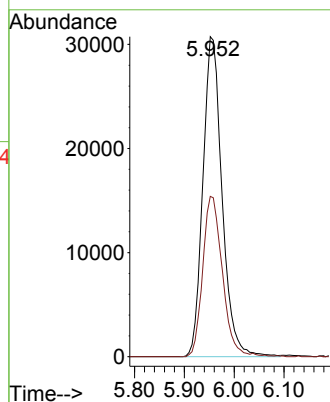
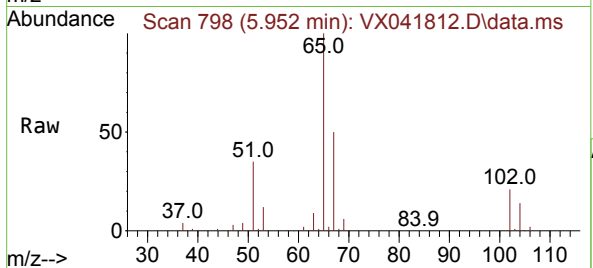
ClientSampleId :

Tgt Ion: 65 Resp: 82119

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041812.D

Acq: 10 Jun 2024 15:54

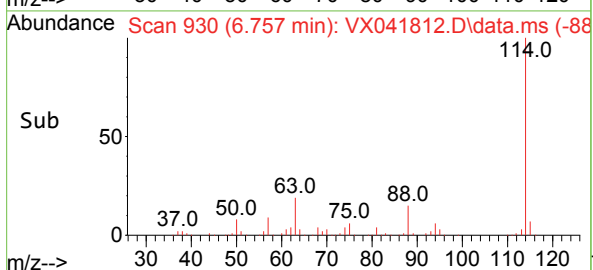
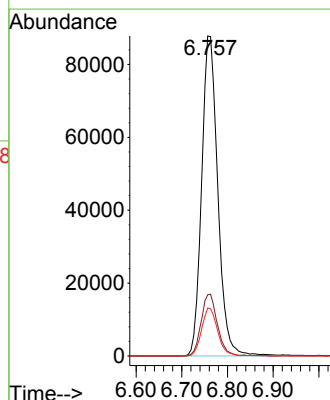
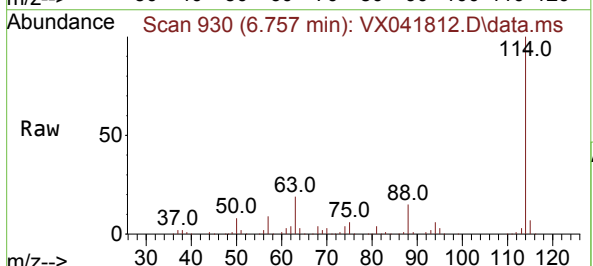
Tgt Ion: 114 Resp: 215784

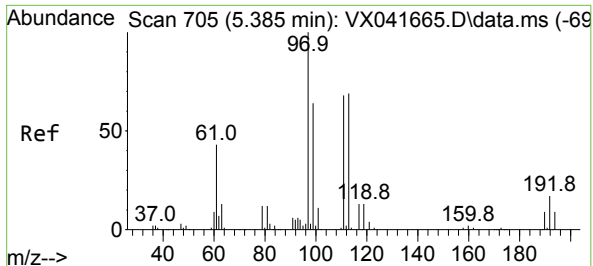
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.034 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

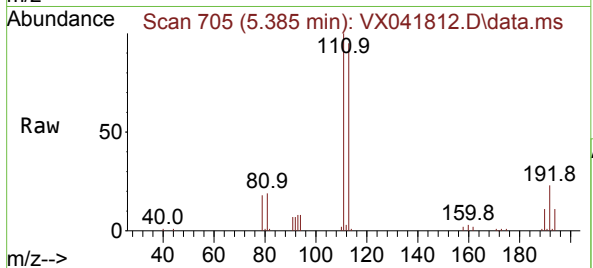
Lab File: VX041812.D

Acq: 10 Jun 2024 15:54

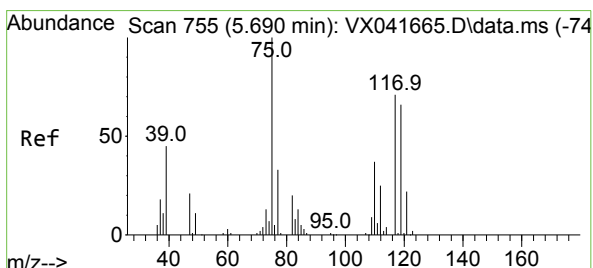
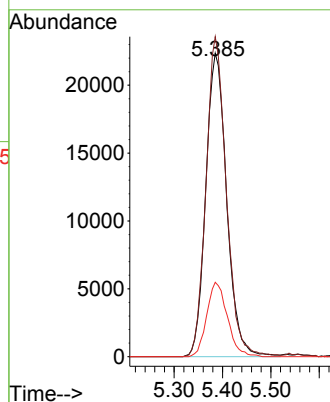
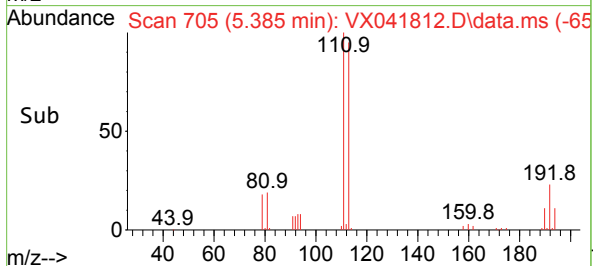
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	67187
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	24.2	13.3	19.9#



#36

1,1-Dichloropropene

Concen: 4.842 ug/l

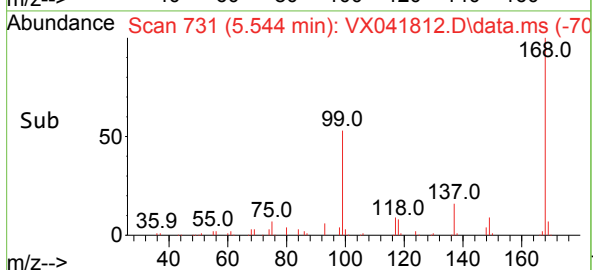
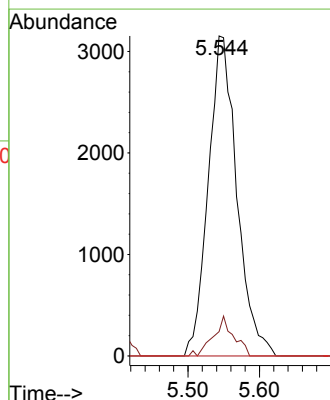
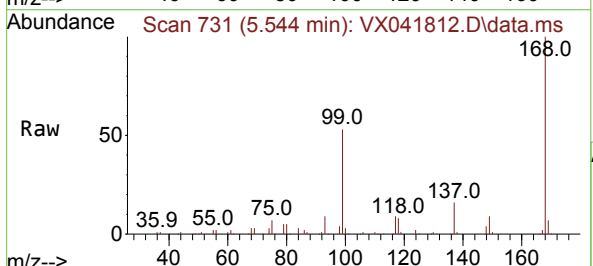
RT: 5.544 min Scan# 731

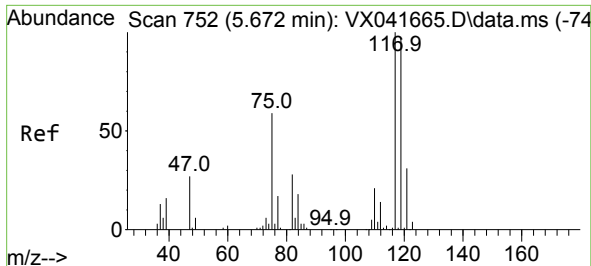
Delta R.T. -0.146 min

Lab File: VX041812.D

Acq: 10 Jun 2024 15:54

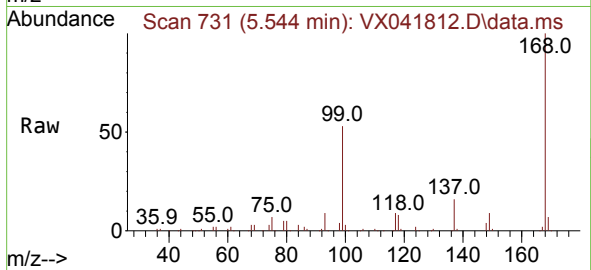
Tgt Ion:	75	Resp:	8747
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.0	50.9#
77	0.0	24.7	37.1#



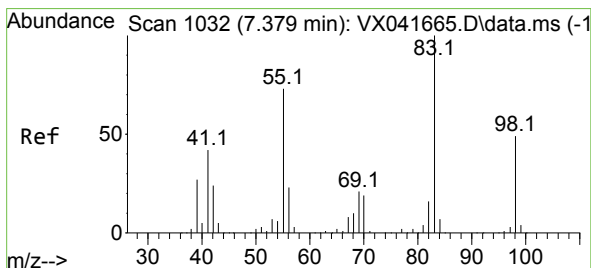
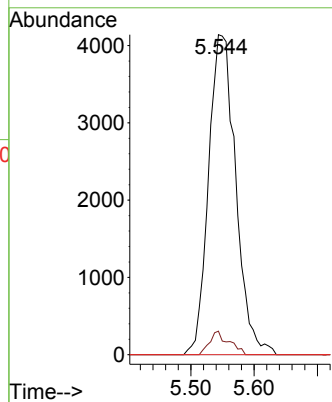
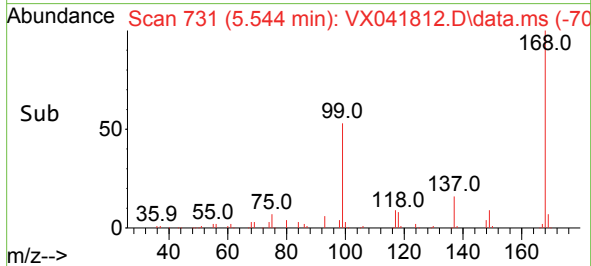


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

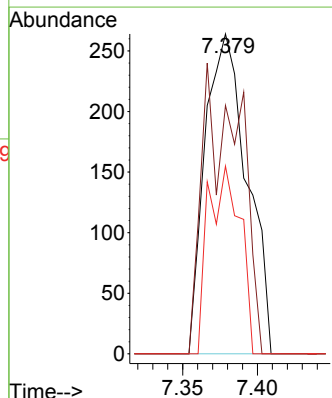
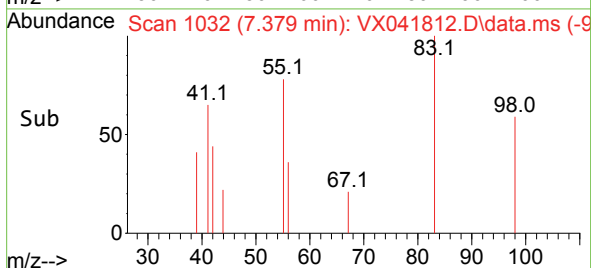
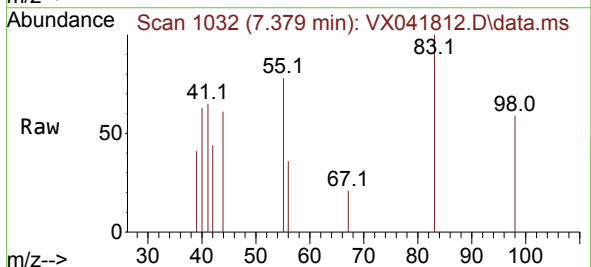


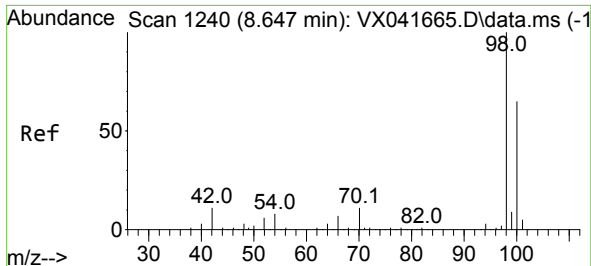
Tgt Ion:117 Resp: 12351
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.232 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Tgt Ion: 83 Resp: 515
Ion Ratio Lower Upper
83 100
55 77.7 64.6 97.0
98 58.7 36.7 55.1#

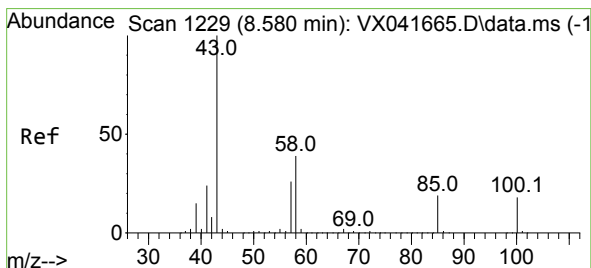
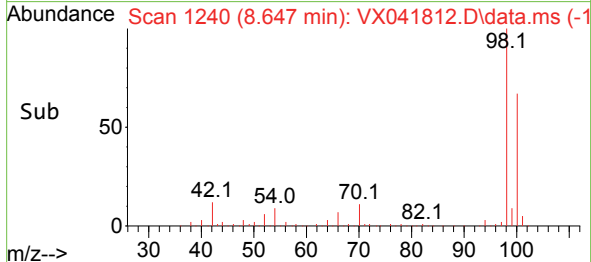
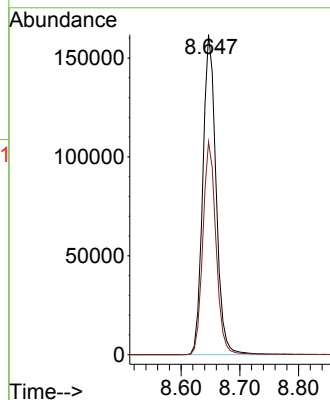
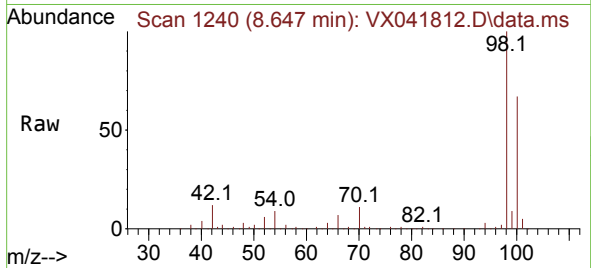




#50
Toluene-d8
Concen: 48.662 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

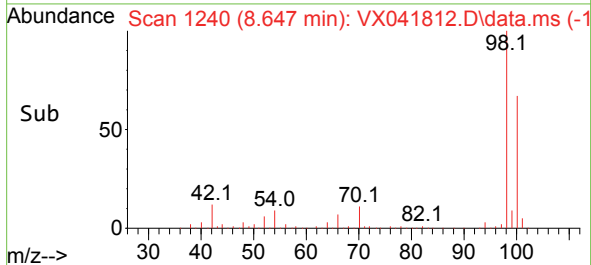
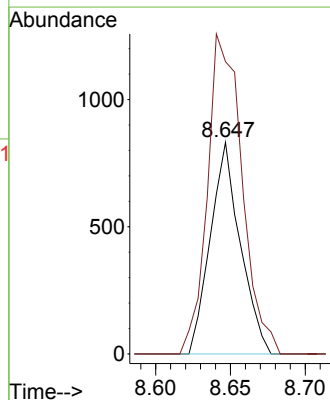
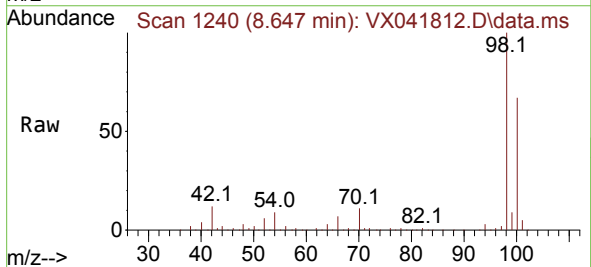
Instrument :
MSVOA_X
ClientSampleId :

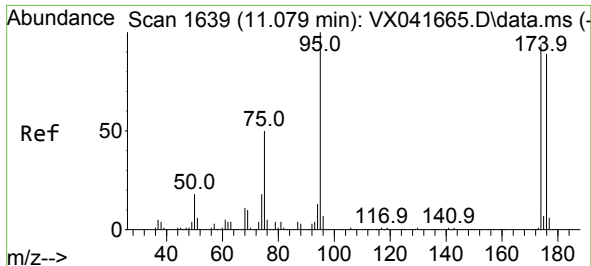
Tgt Ion: 98 Resp: 253670
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 174.3 30.4 45.6#

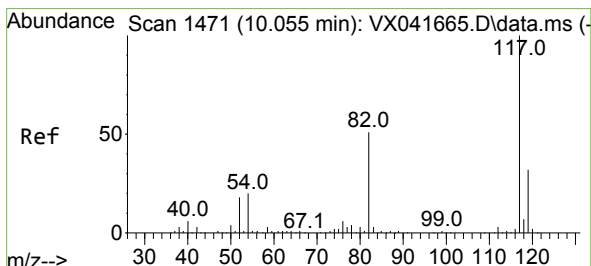
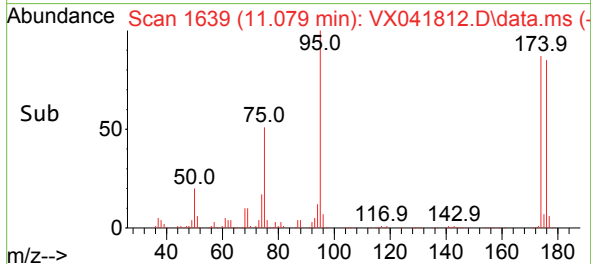
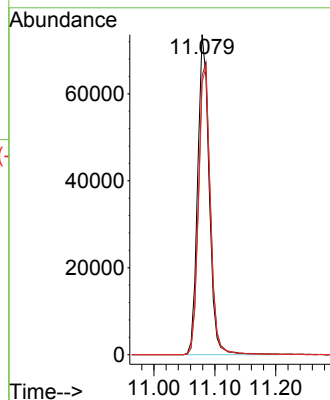
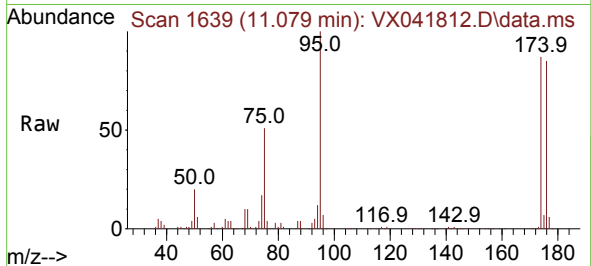




#62
4-Bromofluorobenzene
Concen: 50.074 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

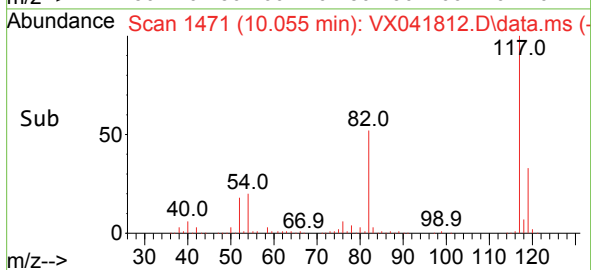
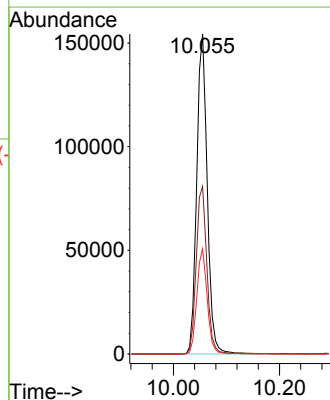
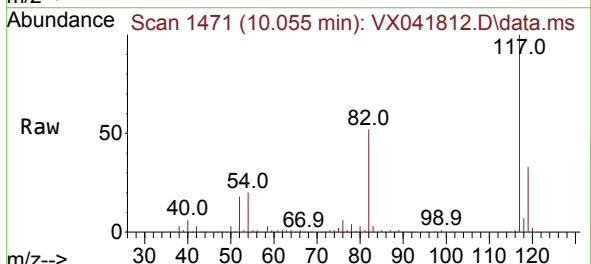
Instrument :
MSVOA_X
ClientSampleId :

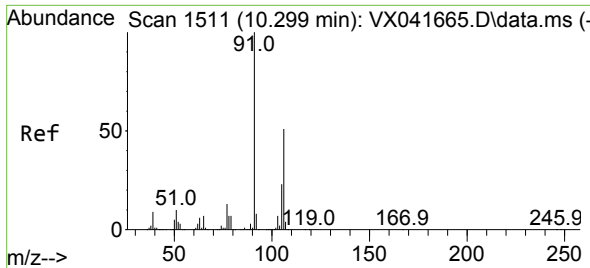
Tgt Ion: 95 Resp: 96342
Ion Ratio Lower Upper
95 100
174 94.2 0.0 135.6
176 92.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Tgt Ion: 117 Resp: 212918
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 32.9 25.5 38.3

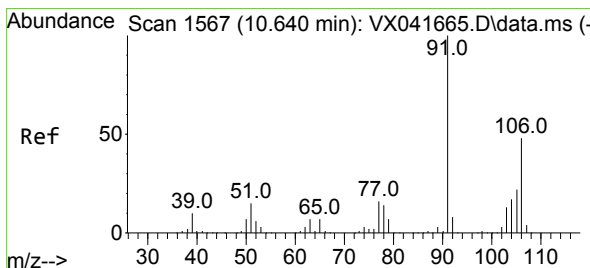
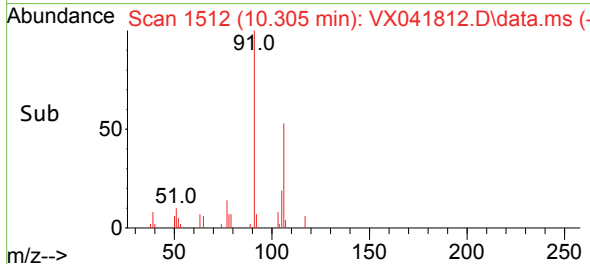
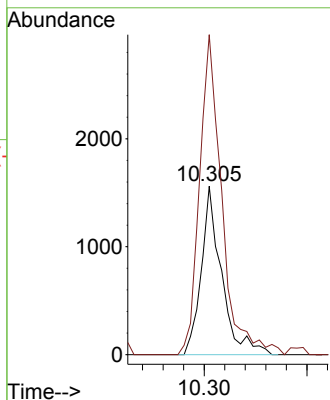
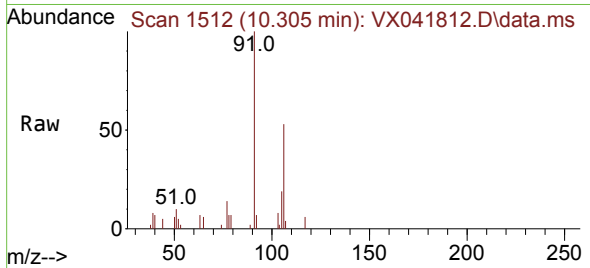




#68
m/p-Xylenes
Concen: 0.741 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

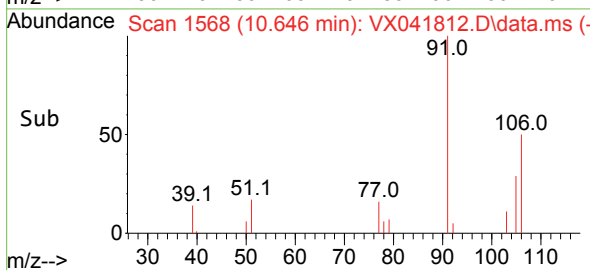
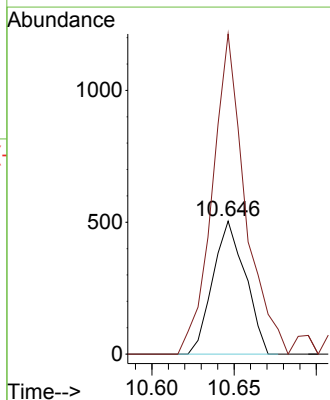
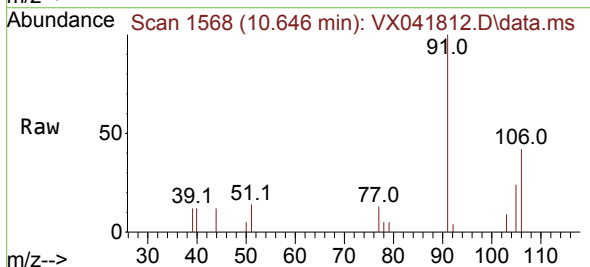
Instrument :
MSVOA_X
ClientSampleId :

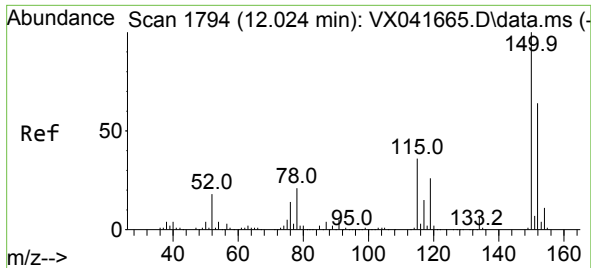
Tgt Ion:106 Resp: 2146
Ion Ratio Lower Upper
106 100
91 208.4 165.5 248.3



#69
o-Xylene
Concen: 0.242 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Tgt Ion:106 Resp: 696
Ion Ratio Lower Upper
106 100
91 243.0 108.9 326.8

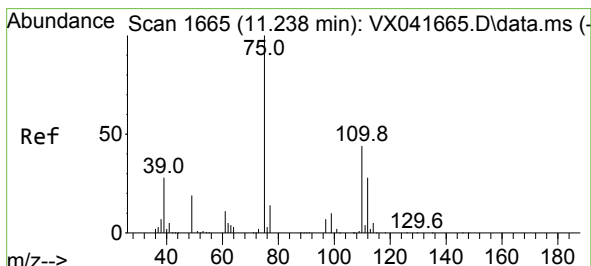
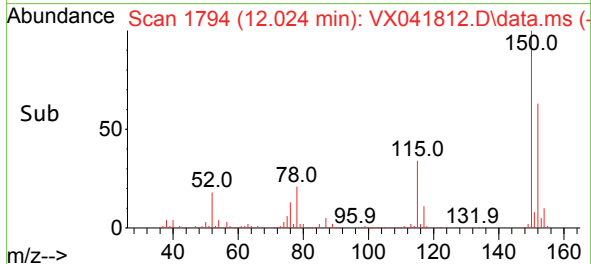
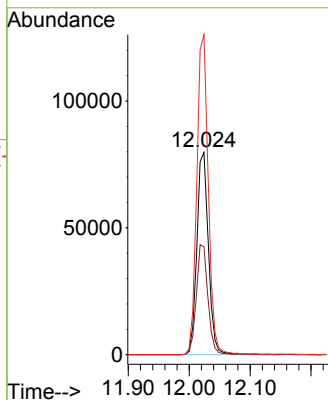
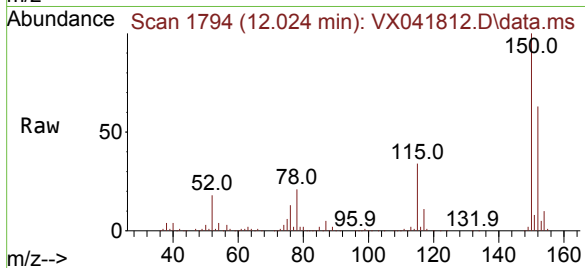




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

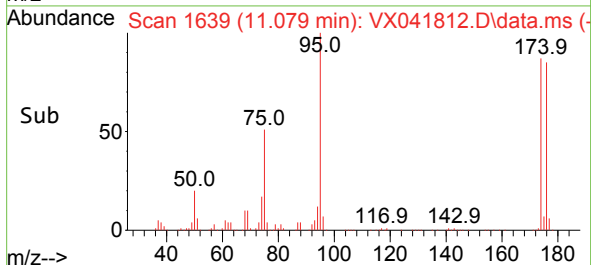
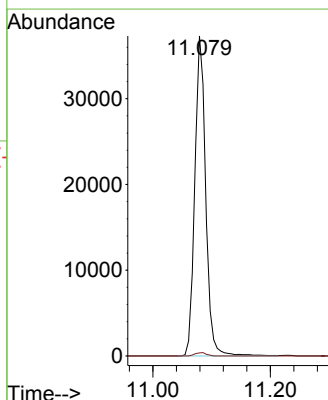
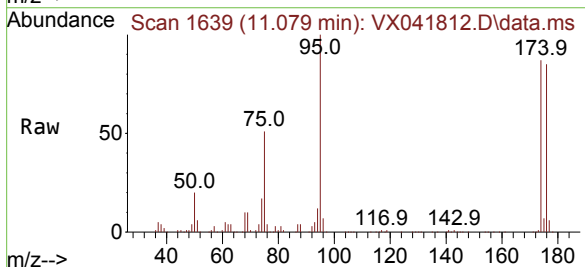
Instrument :
MSVOA_X
ClientSampleId :

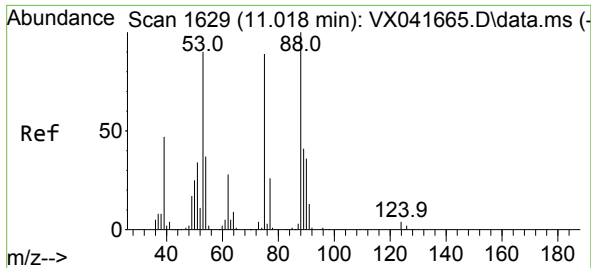
Tgt Ion:152 Resp: 105138
Ion Ratio Lower Upper
152 100
115 54.2 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Tgt Ion: 75 Resp: 48177
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

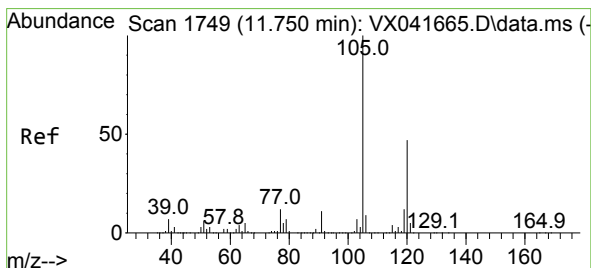
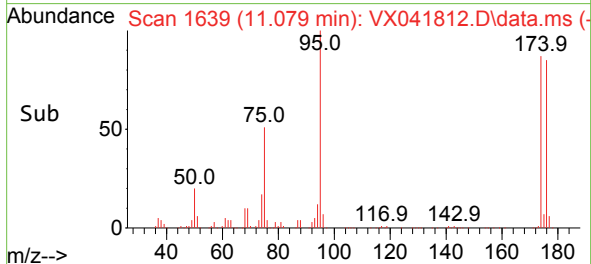
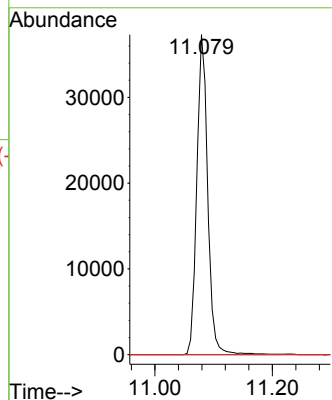
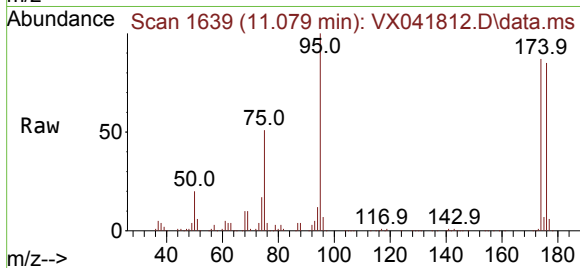




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.578 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041812.D
 Acq: 10 Jun 2024 15:54

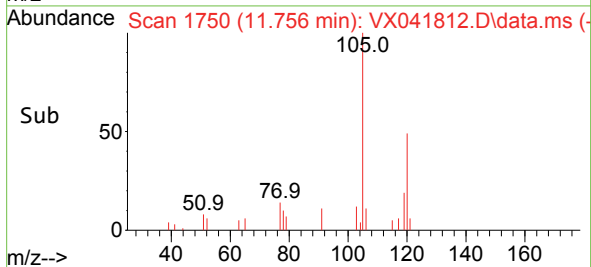
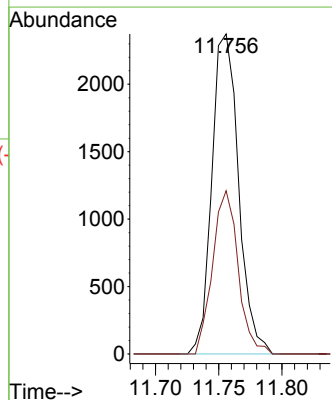
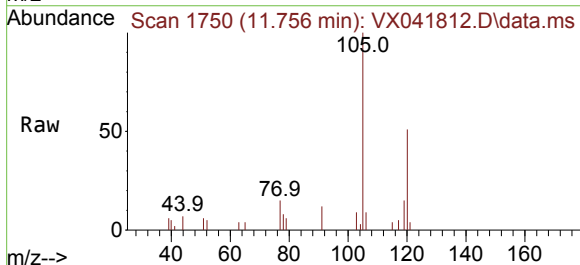
Instrument :
 MSVOA_X
 ClientSampleId :

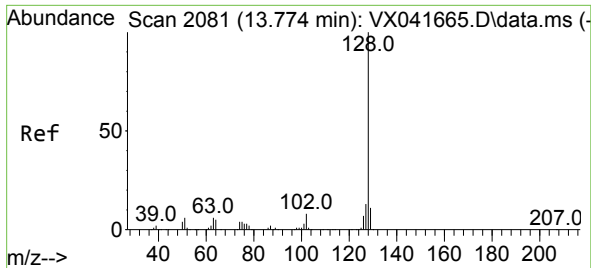
Tgt Ion: 75 Resp: 48177
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.631 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX041812.D
 Acq: 10 Jun 2024 15:54

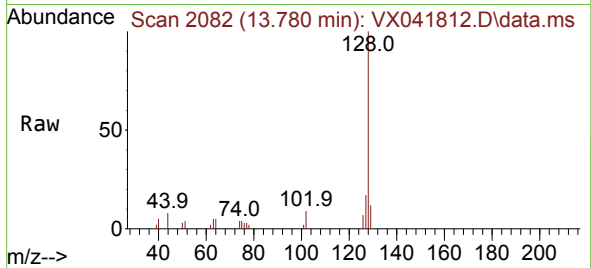
Tgt Ion: 105 Resp: 3479
 Ion Ratio Lower Upper
 105 100
 120 48.9 21.2 63.6





#95
Naphthalene
Concen: 0.780 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041812.D
Acq: 10 Jun 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.8	13.2

