

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
 Data File : VX042407.D
 Acq On : 19 Jul 2024 17:19
 Operator : JC/MD
 Sample : P3215-14ME
 Misc : 5.29g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 20 01:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	63105	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	56676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	28380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	3456	9.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	18.820%#		
7) Chloroethane-d5	1.648	69	2748	11.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	23.760%#		
11) 1,1-Dichloroethene-d2	2.276	65	5629	35.016	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.040%		
21) 2-Butanone-d5	4.507	46	22879	86.434	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.430%		
24) Chloroform-d	5.056	84	33801	45.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.540%		
26) 1,2-Dichloroethane-d4	5.952	65	22364	51.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.600%		
32) Benzene-d6	5.964	84	76578	52.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.540%		
36) 1,2-Dichloropropane-d6	7.306	67	21999	49.900	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.800%		
41) Toluene-d8	8.647	98	68370	50.082	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.160%		
43) trans-1,3-Dichloroprop...	8.958	79	7740	40.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.240%		
47) 2-Hexanone-d5	9.397	63	17142	85.661	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.660%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	30567	46.898	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.800%		
66) 1,2-Dichlorobenzene-d4	12.323	152	28552	51.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.600%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	673	1.475	ug/L	96
6) Bromomethane	1.599	94	719	2.941	ug/L	84
8) Chloroethane	1.678	64	385	1.722	ug/L #	54
13) Acetone	2.410	43	1882	10.422	ug/L	99
15) Methyl Acetate	2.721	43	12869	28.049	ug/L	98
16) Methylene chloride	2.776	84	956	2.033	ug/L	81
29) Cyclohexane	5.452	56	2075	3.388	ug/L	97
35) Methylcyclohexane	7.366	83	6338	10.069	ug/L	93
37) 1,2-Dichloropropane	7.306	63	2401	5.904	ug/L #	84
42) Toluene	8.720	91	6041	3.572	ug/L	84
46) Tetrachloroethene	9.275	164	563	1.449	ug/L	83
48) 2-Hexanone	9.397	43	2401	5.271	ug/L #	60
53) m,p-Xylene	10.299	106	2952	3.991	ug/L	92
54) o-Xylene	10.646	106	2325	3.147	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	2720	1.878	ug/L	100
71) Naphthalene	13.780	128	8921	4.900	ug/L	99

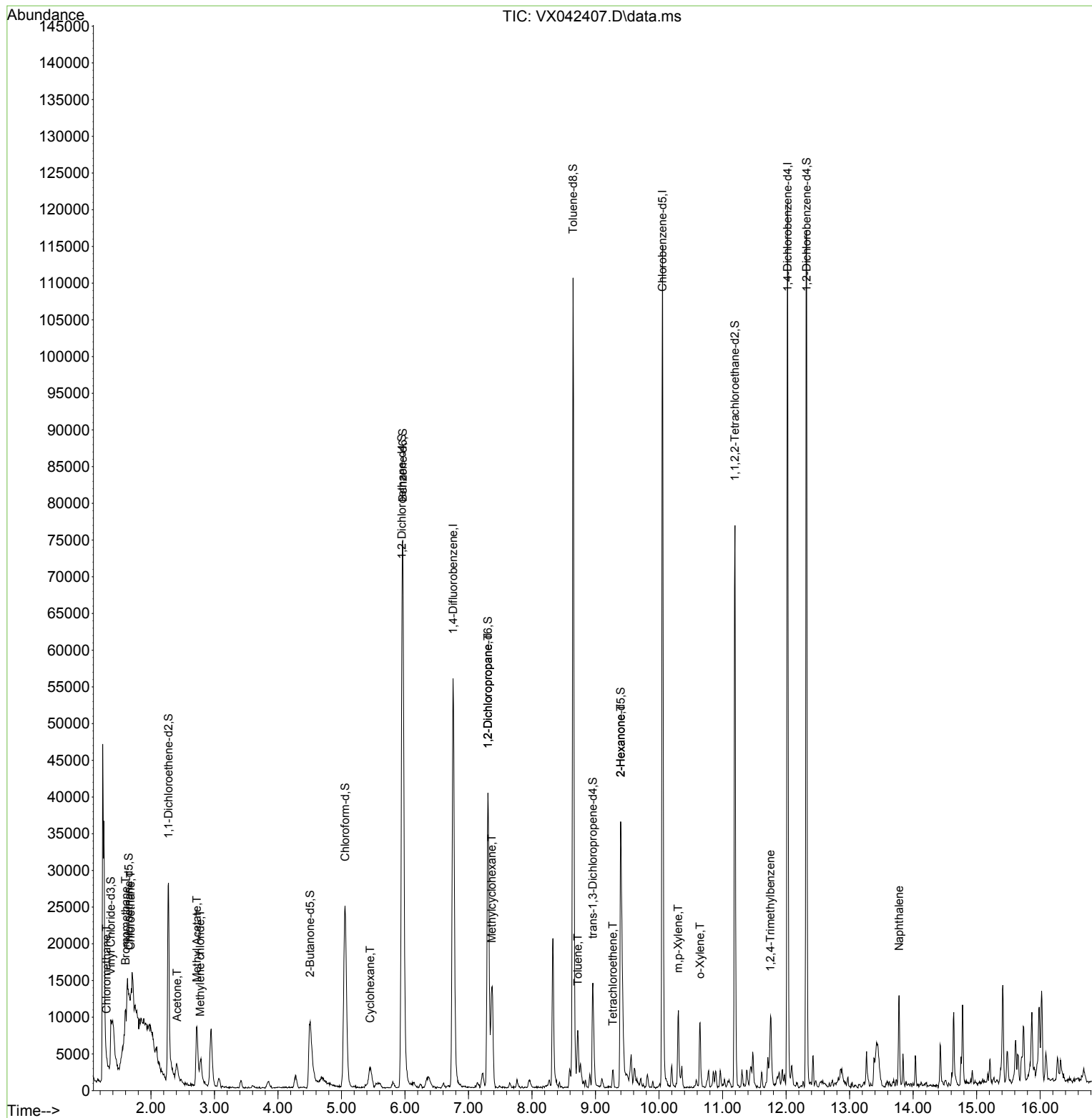
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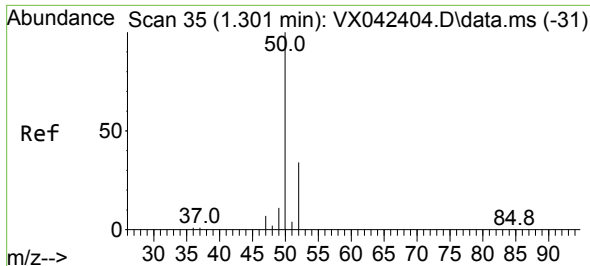
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
Data File : VX042407.D
Acq On : 19 Jul 2024 17:19
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ClientSampleId :

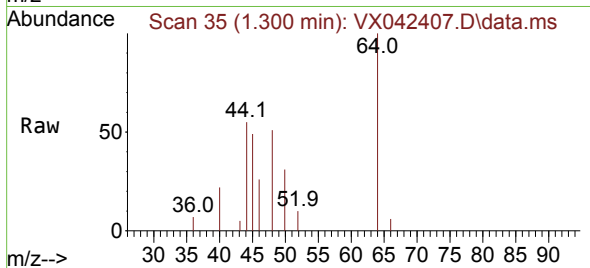
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 01:45:50 2024
Response via : Initial Calibration



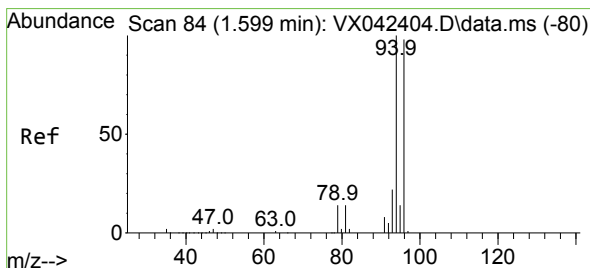
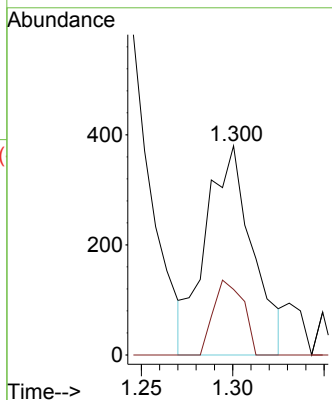
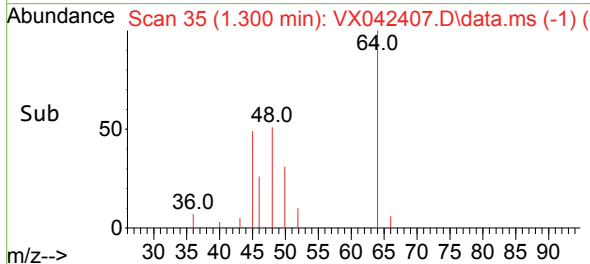


#3
Chloromethane
Concen: 1.475 ug/L
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :

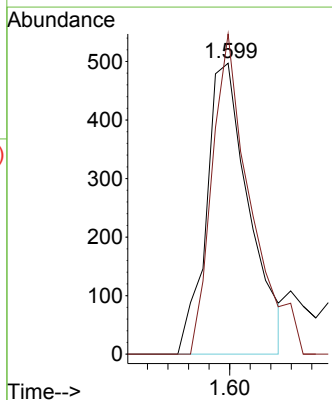
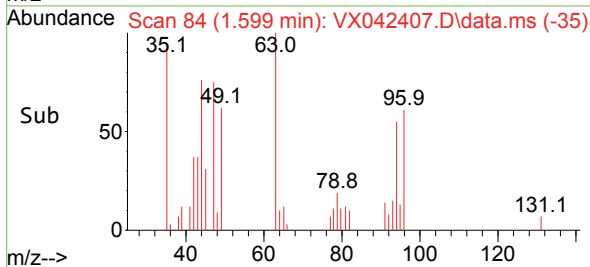
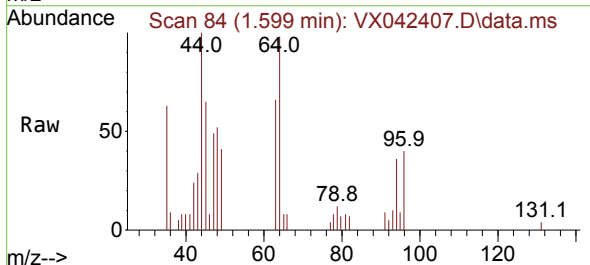


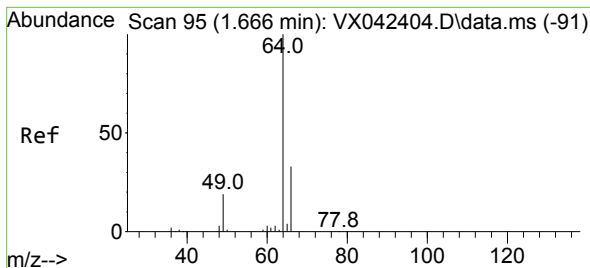
Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 31.3 23.5 43.7



#6
Bromomethane
Concen: 2.941 ug/L
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 110.1 66.4 123.4





#8

Chloroethane

Concen: 1.722 ug/L

RT: 1.678 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX042407.D

Acq: 19 Jul 2024 17:19

Instrument :

MSVOA_X

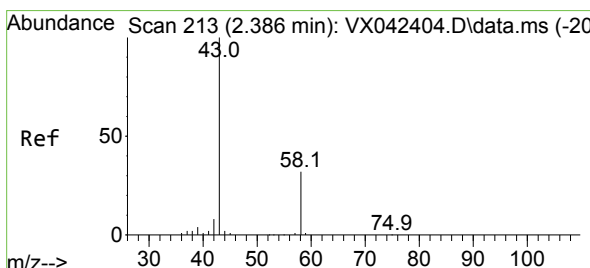
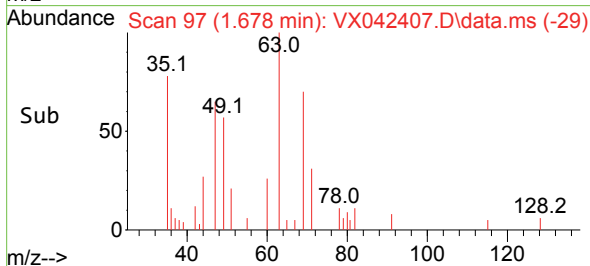
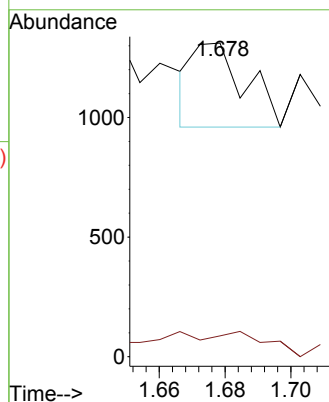
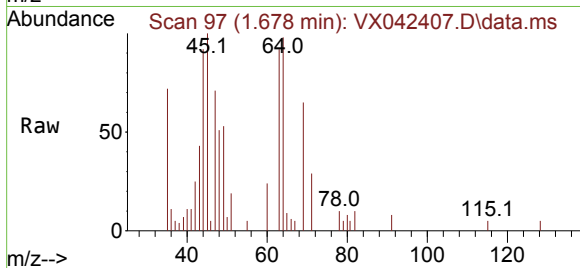
ClientSampleId :

Tgt Ion: 64 Resp: 385

Ion Ratio Lower Upper

64 100

66 6.6 22.5 41.7#



#13

Acetone

Concen: 10.422 ug/L

RT: 2.410 min Scan# 217

Delta R.T. 0.024 min

Lab File: VX042407.D

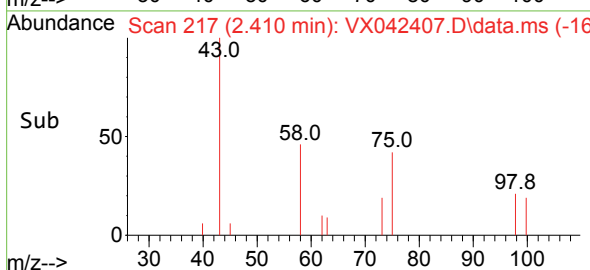
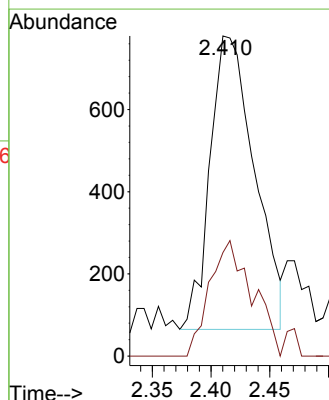
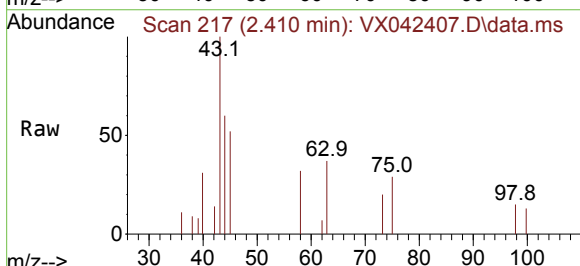
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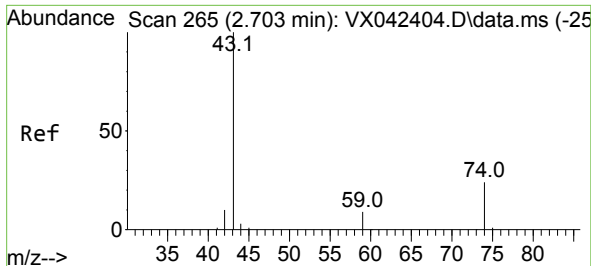
Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

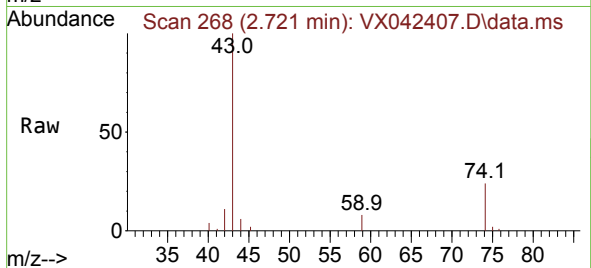
58 30.9 0.0 62.6



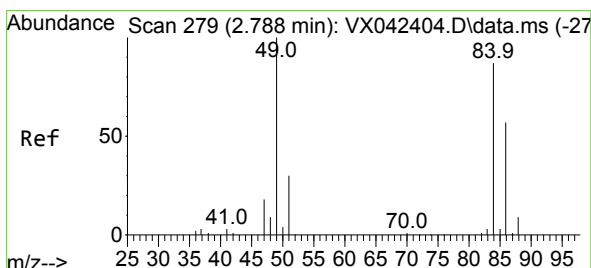
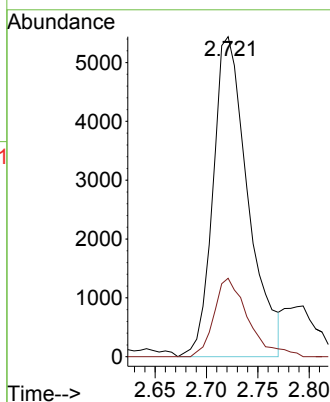
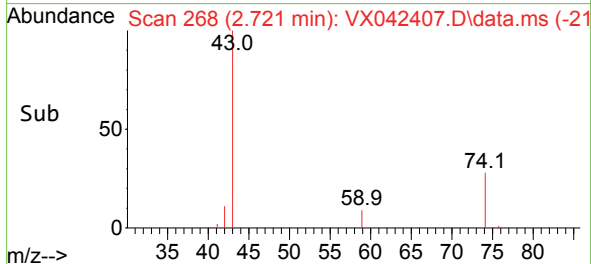


#15
Methyl Acetate
Concen: 28.049 ug/L
RT: 2.721 min Scan# 207
Delta R.T. 0.018 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :

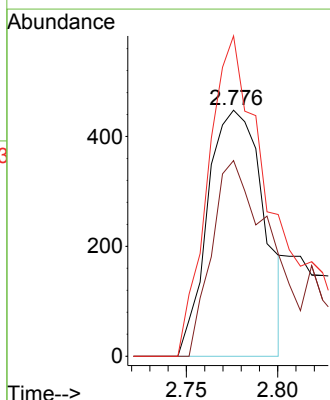
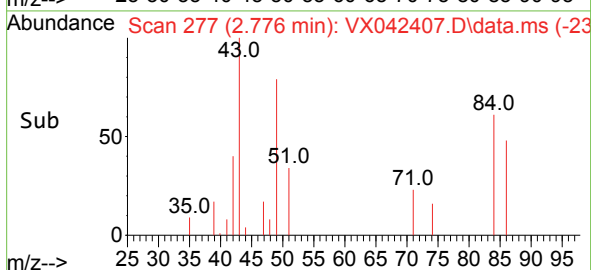
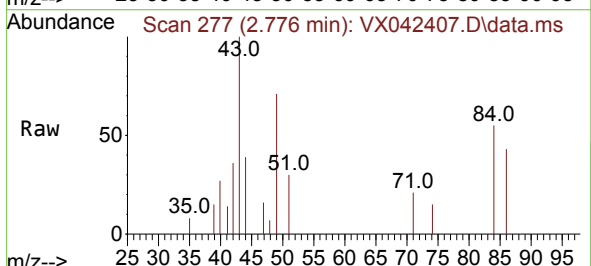


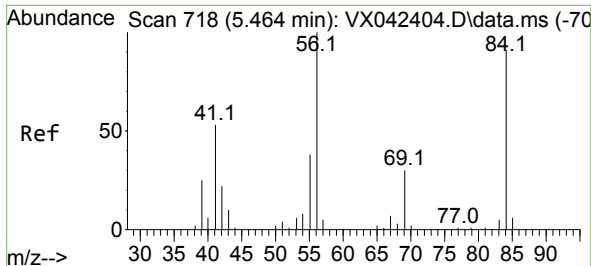
Tgt Ion: 43 Resp: 12869
Ion Ratio Lower Upper
43 100
74 23.9 20.1 30.1



#16
Methylene chloride
Concen: 2.033 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

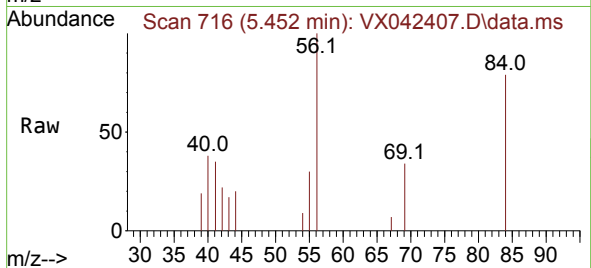
Tgt Ion: 84 Resp: 956
Ion Ratio Lower Upper
84 100
86 79.5 45.7 84.9
49 130.1 76.4 141.8



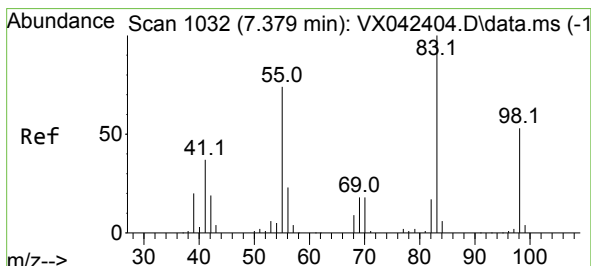
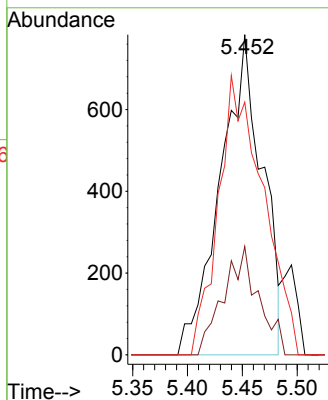
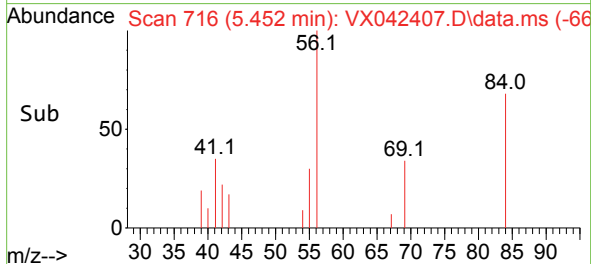


#29
Cyclohexane
Concen: 3.388 ug/L
RT: 5.452 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

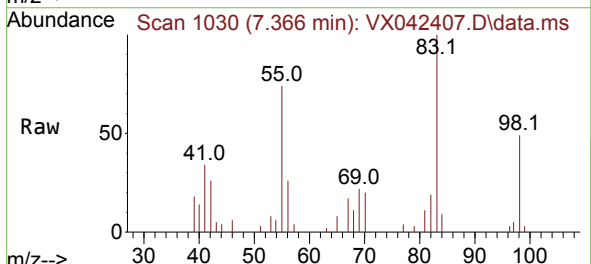
Instrument :
MSVOA_X
ClientSampleId :



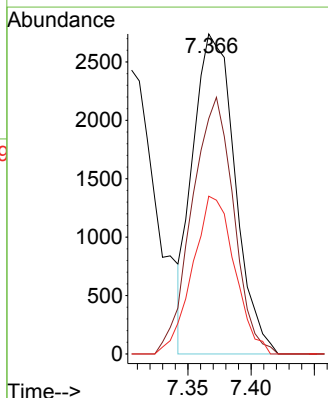
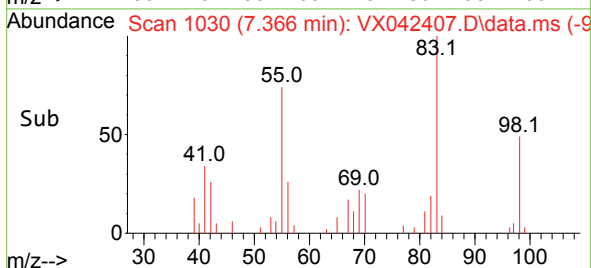
Tgt Ion: 56 Resp: 2075
Ion Ratio Lower Upper
56 100
69 27.0 25.3 37.9
84 93.3 74.0 111.0

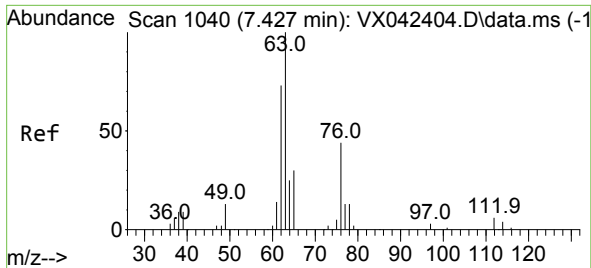


#35
Methylcyclohexane
Concen: 10.069 ug/L
RT: 7.366 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19



Tgt Ion: 83 Resp: 6338
Ion Ratio Lower Upper
83 100
55 79.2 56.4 84.6
98 49.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 5.904 ug/L

RT: 7.306 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX042407.D

Acq: 19 Jul 2024 17:19

Instrument :

MSVOA_X

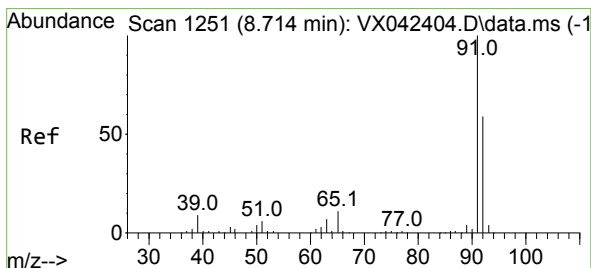
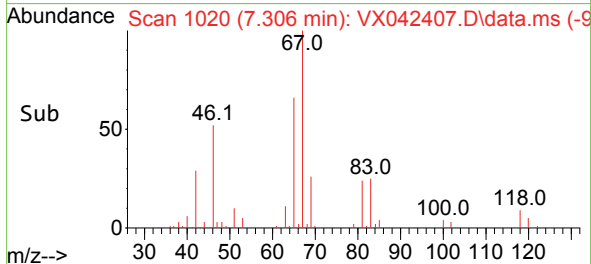
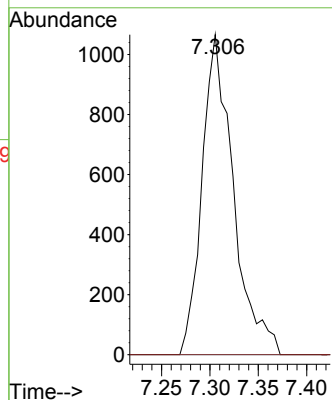
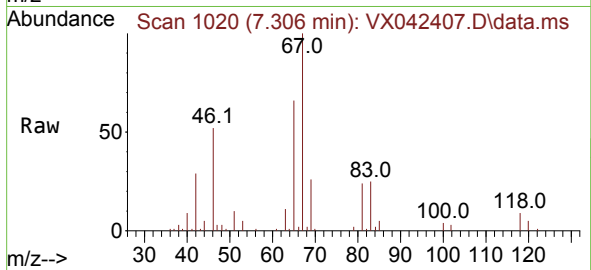
ClientSampleId :

Tgt Ion: 63 Resp: 2401

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 3.572 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042407.D

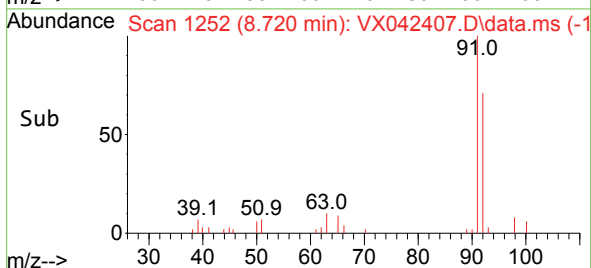
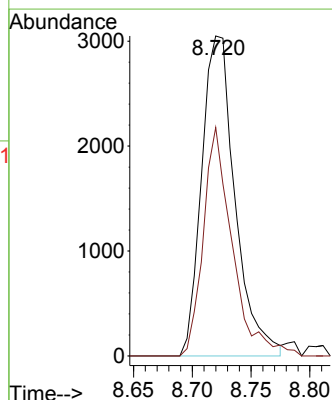
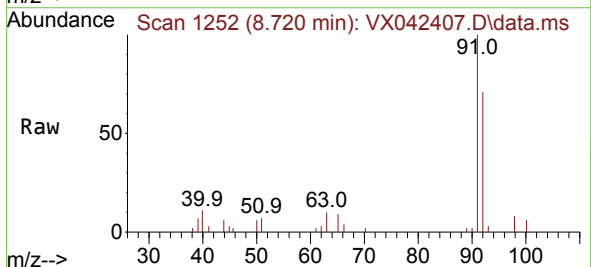
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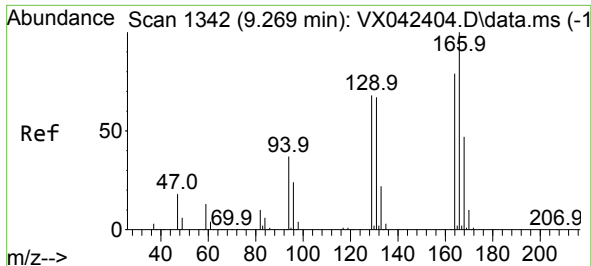
Tgt Ion: 91 Resp: 6041

Ion Ratio Lower Upper

91 100

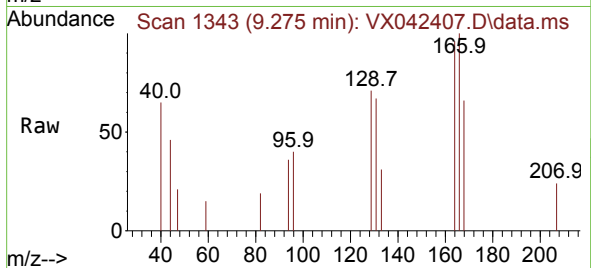
92 71.4 41.6 77.3





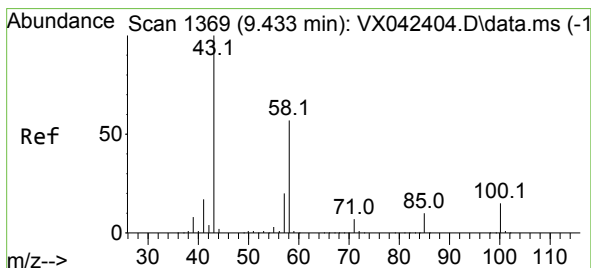
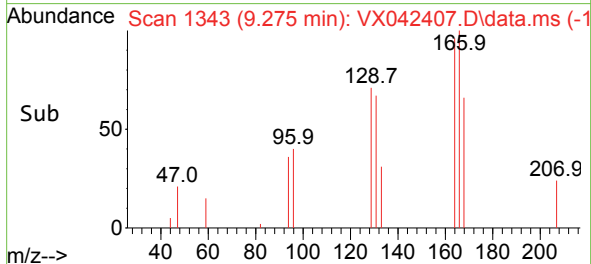
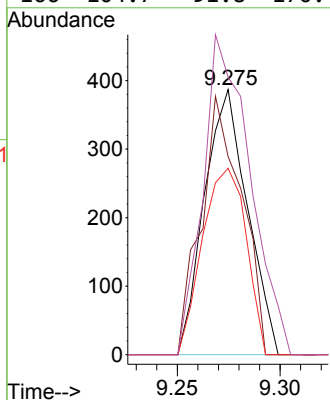
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Tetrachloroethene
Concen: 1.449 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 563

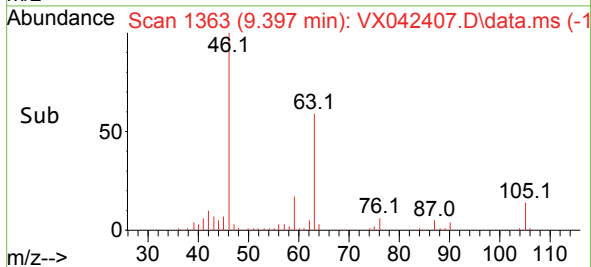
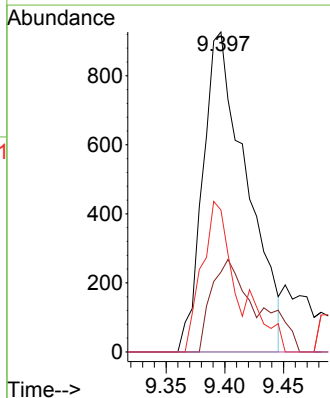
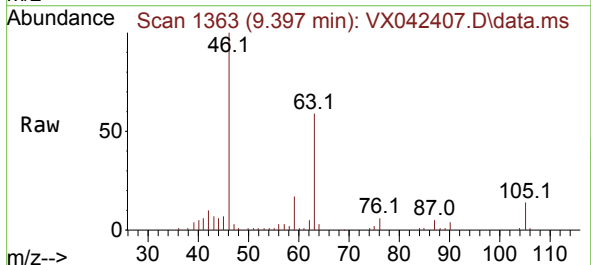
Ion	Ratio	Lower	Upper
164	100		
129	74.7	58.6	108.8
131	70.3	57.9	107.5
166	104.7	91.8	170.4

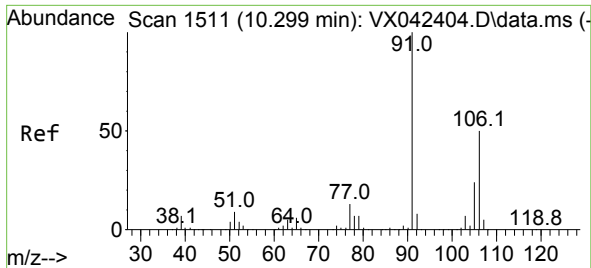


#48
2-Hexanone
Concen: 5.271 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.037 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

Tgt Ion: 43 Resp: 2401

Ion	Ratio	Lower	Upper
43	100		
58	22.7	46.4	69.6#
57	30.9	16.3	24.5#
100	0.0	12.1	18.1#

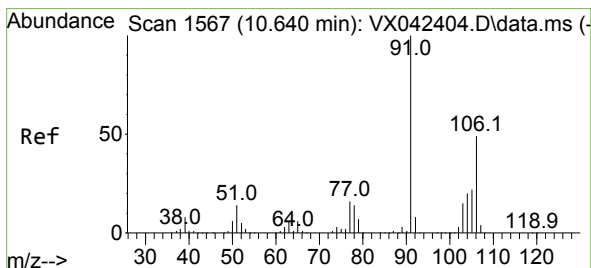
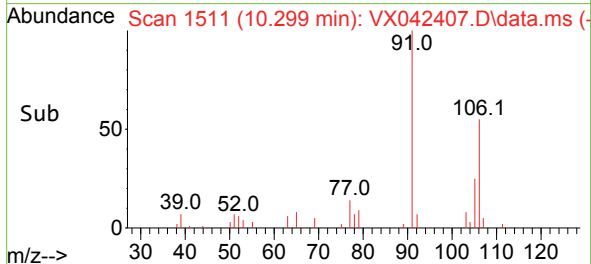
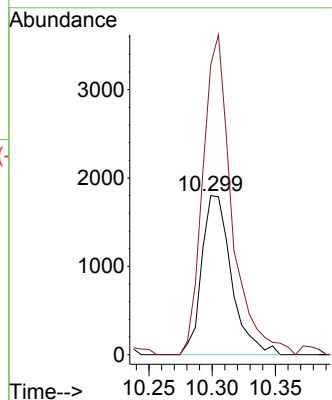
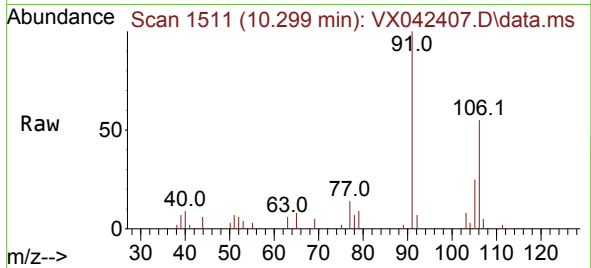




#53
m,p-Xylene
Concen: 3.991 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

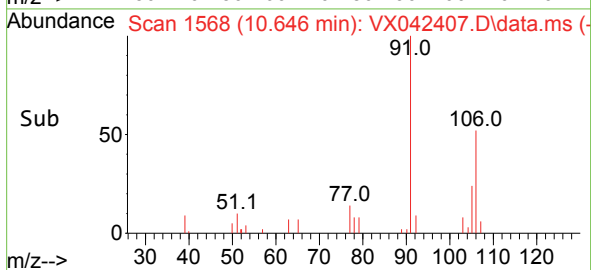
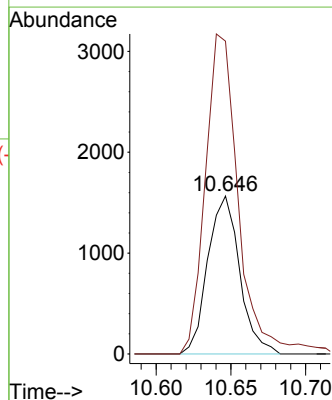
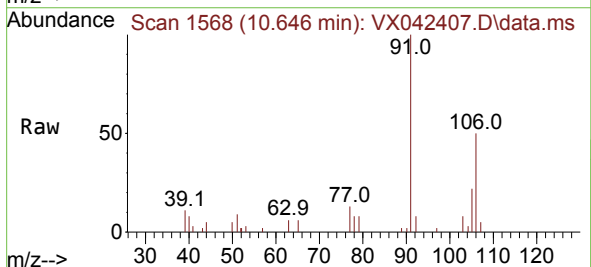
Instrument :
MSVOA_X
ClientSampleId :

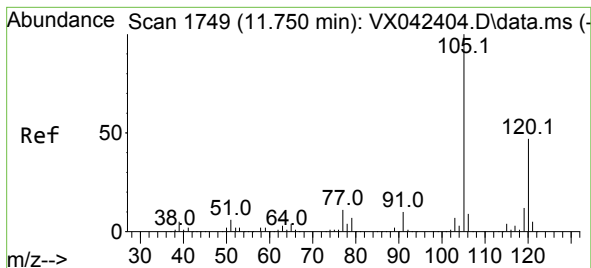
Tgt Ion:106 Resp: 2952
Ion Ratio Lower Upper
106 100
91 182.4 136.4 253.2



#54
o-Xylene
Concen: 3.147 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX042407.D
Acq: 19 Jul 2024 17:19

Tgt Ion:106 Resp: 2325
Ion Ratio Lower Upper
106 100
91 198.0 143.4 266.2





#63

1,2,4-Trimethylbenzene

Concen: 1.878 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042407.D

Acq: 19 Jul 2024 17:19

Instrument :

MSVOA_X

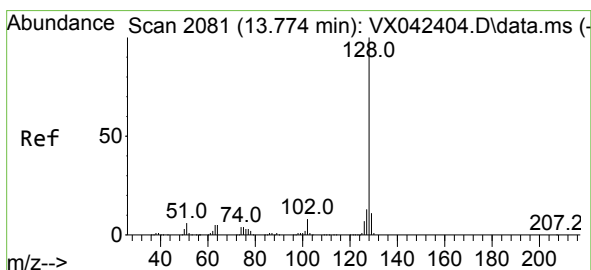
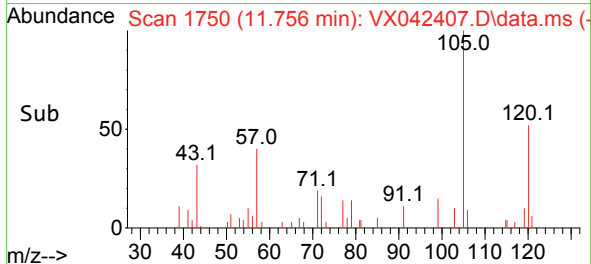
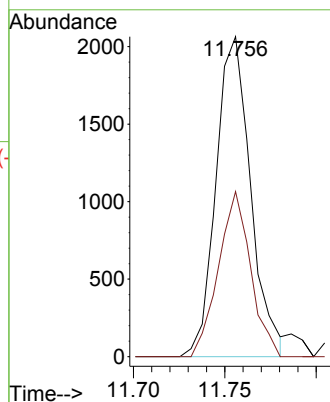
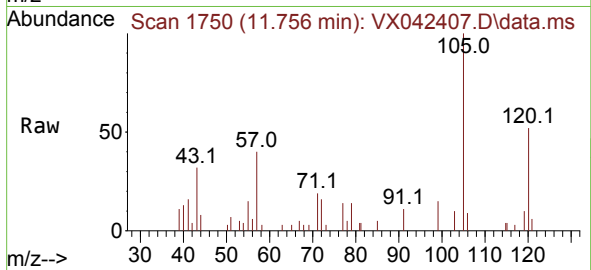
ClientSampleId :

Tgt Ion:105 Resp: 2720

Ion Ratio Lower Upper

105 100

120 47.9 38.4 57.6



#71

Naphthalene

Concen: 4.900 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042407.D

Acq: 19 Jul 2024 17:19

Tgt Ion:128 Resp: 8921

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 11.6 8.9 13.3

