

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042376.D
 Acq On : 18 Jul 2024 17:47
 Operator : JC/MD
 Sample : P3215-14ME
 Misc : 5.29g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 05:32:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 05:29:00 2024
 Response via : Initial Calibration

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

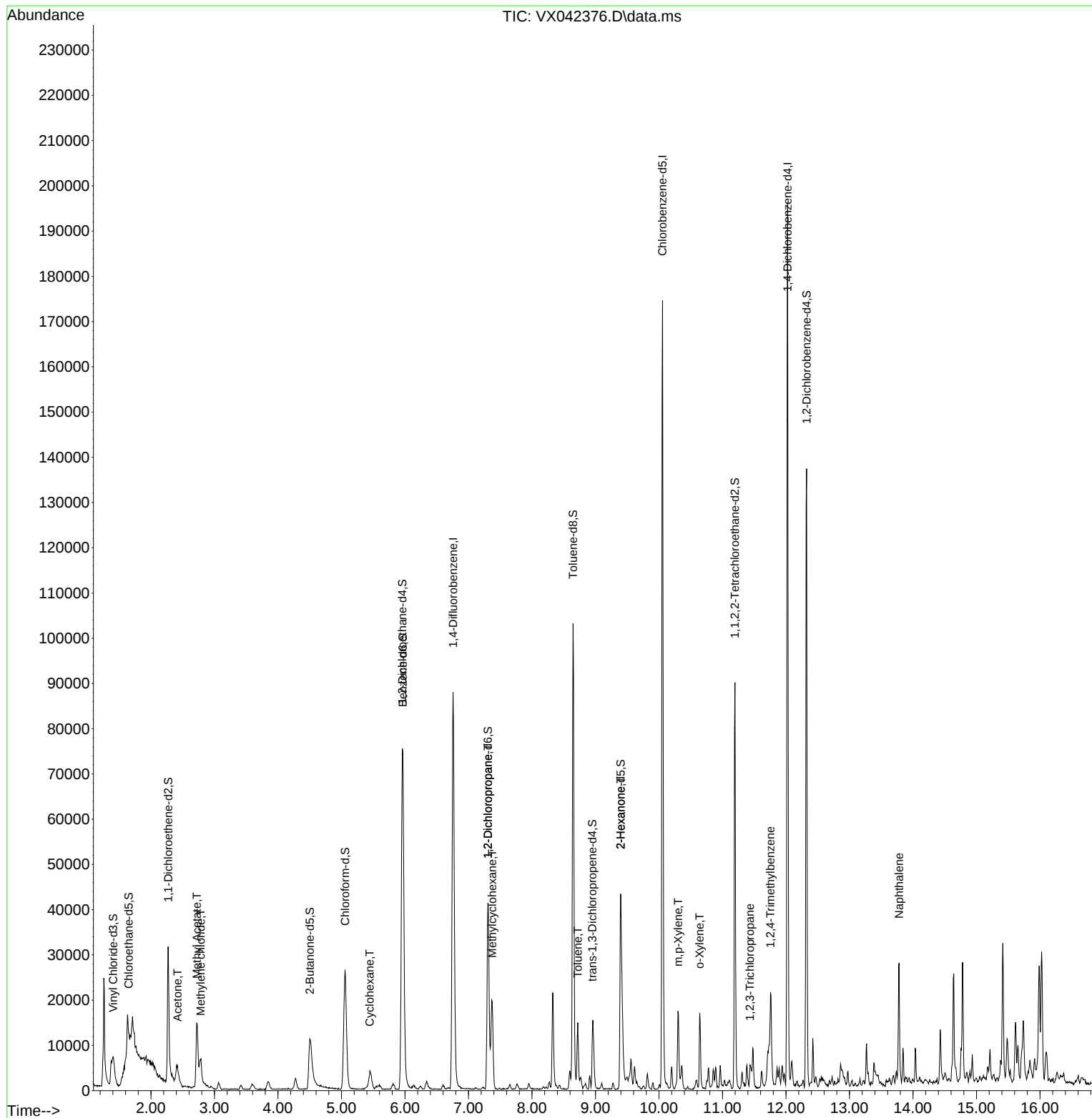
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	99136	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	89735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	46671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.404	65	14536	25.191	ug/L	0.04
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.380%#
7) Chloroethane-d5	1.648	69	2254	6.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	12.400%#
11) 1,1-Dichloroethene-d2	2.270	65	5846	23.149	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.300%#
21) 2-Butanone-d5	4.501	46	27211	65.437	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	65.440%
24) Chloroform-d	5.056	84	35597	30.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.360%#
26) 1,2-Dichloroethane-d4	5.958	65	23979	35.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.040%
32) Benzene-d6	5.964	84	73982	31.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.800%#
36) 1,2-Dichloropropane-d6	7.306	67	22885	32.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	65.580%#
41) Toluene-d8	8.647	98	66410	30.724	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.440%#
43) trans-1,3-Dichloroprop...	8.952	79	8069	26.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.500%#
47) 2-Hexanone-d5	9.397	63	20973	66.194	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.190%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	35074	33.988	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	31703	34.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.940%#
Target Compounds						Qvalue
13) Acetone	2.416	43	4444	15.666	ug/L	85
15) Methyl Acetate	2.721	43	22094	30.653	ug/L	95
16) Methylene chloride	2.782	84	2575	3.485	ug/L	76
29) Cyclohexane	5.446	56	2933	3.024	ug/L #	68
35) Methylcyclohexane	7.373	83	9171	9.202	ug/L	99
37) 1,2-Dichloropropane	7.306	63	2389	3.710	ug/L #	84
42) Toluene	8.720	91	10274	3.837	ug/L	99
48) 2-Hexanone	9.397	43	3285	4.555	ug/L #	55
53) m,p-Xylene	10.299	106	4819	4.115	ug/L	99
54) o-Xylene	10.640	106	4072	3.481	ug/L	94
61) 1,2,3-Trichloropropane	11.433	75	1244	1.501	ug/L #	57
63) 1,2,4-Trimethylbenzene	11.756	105	5104	2.143	ug/L	96
71) Naphthalene	13.780	128	18366	6.135	ug/L	100

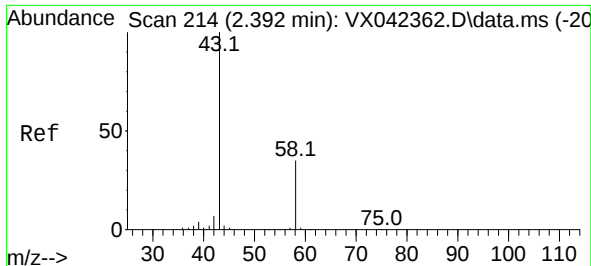
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
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QLast Update : Fri Jul 19 05:29:00 2024
Response via : Initial Calibration

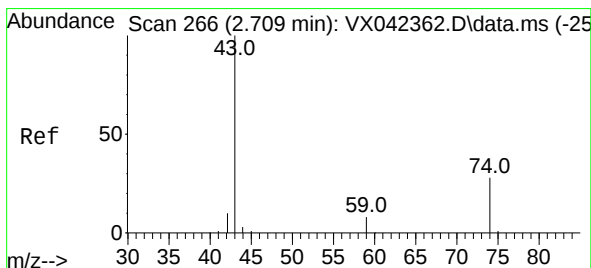
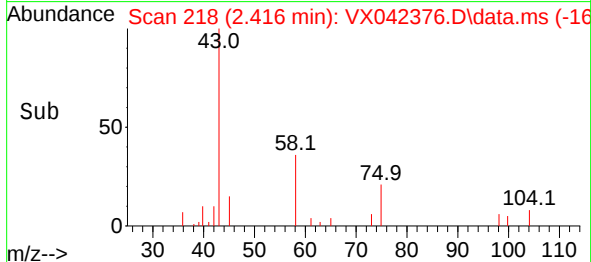
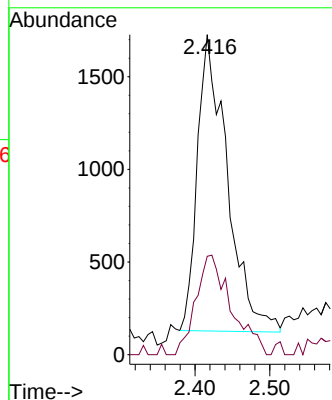
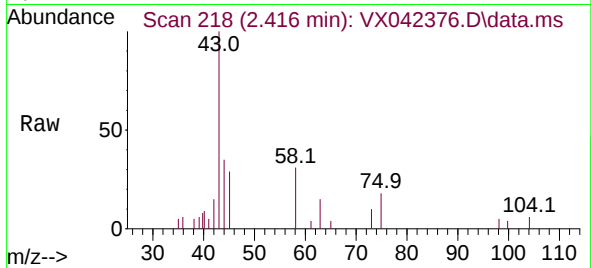




#13
Acetone
Concen: 15.666 ug/L
RT: 2.416 min Scan# 214
Delta R.T. 0.025 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

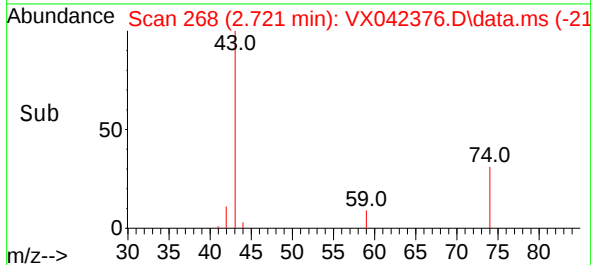
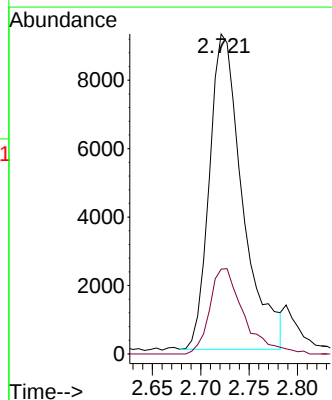
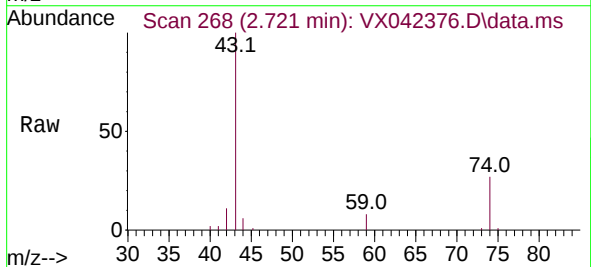
Instrument :
MSVOA_X
ClientSampleId :

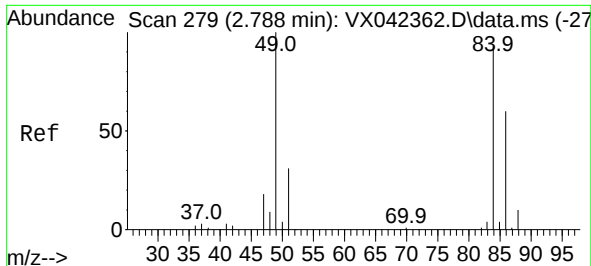
Tgt Ion: 43 Resp: 4444
Ion Ratio Lower Upper
43 100
58 39.5 0.0 62.6



#15
Methyl Acetate
Concen: 30.653 ug/L
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

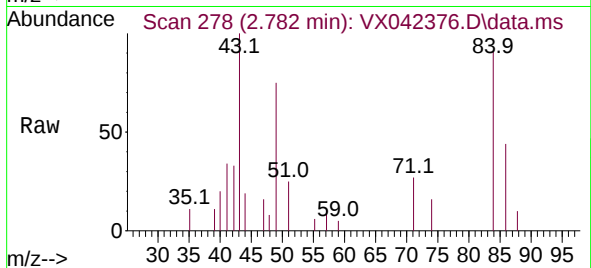
Tgt Ion: 43 Resp: 22094
Ion Ratio Lower Upper
43 100
74 27.7 20.1 30.1



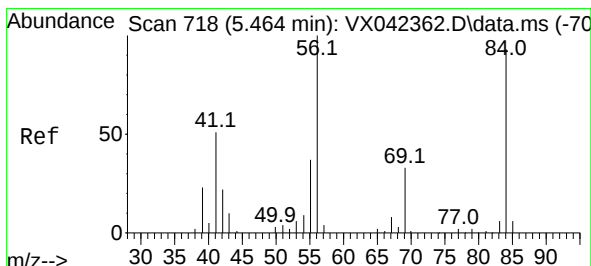
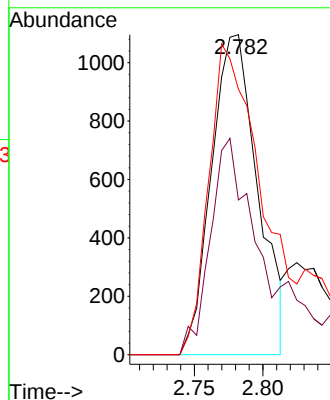
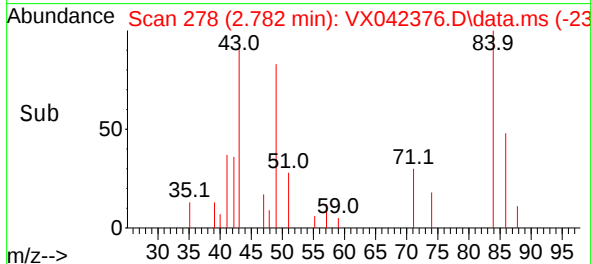


#16
Methylene chloride
Concen: 3.485 ug/L
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :

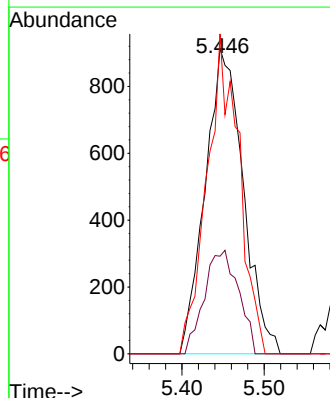
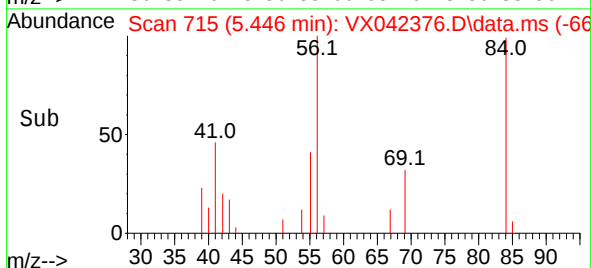
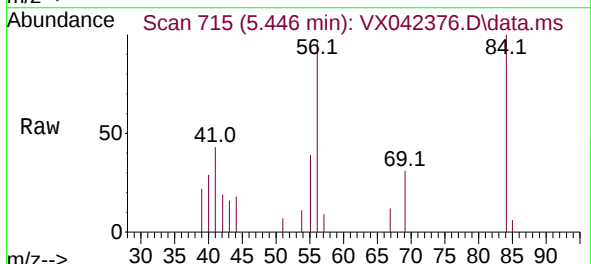


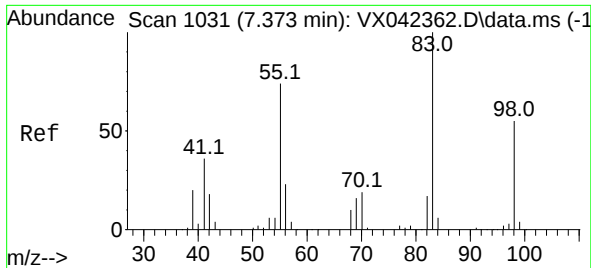
Tgt Ion: 84 Resp: 2575
Ion Ratio Lower Upper
84 100
86 48.4 45.7 84.9
49 82.9 76.4 141.8



#29
Cyclohexane
Concen: 3.024 ug/L
RT: 5.446 min Scan# 715
Delta R.T. -0.018 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

Tgt Ion: 56 Resp: 2933
Ion Ratio Lower Upper
56 100
69 30.5 25.3 37.9
84 52.3 74.0 111.0#





#35

Methylcyclohexane

Concen: 9.202 ug/L

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042376.D

Acq: 18 Jul 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

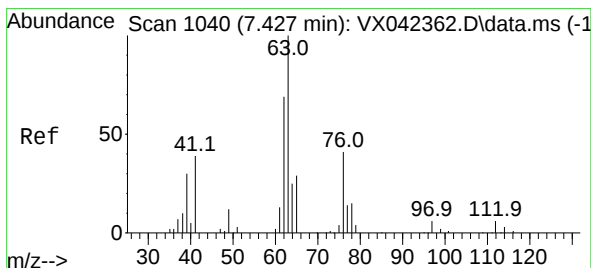
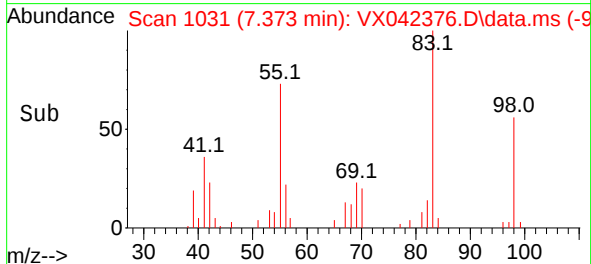
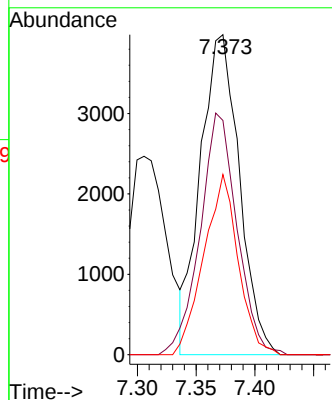
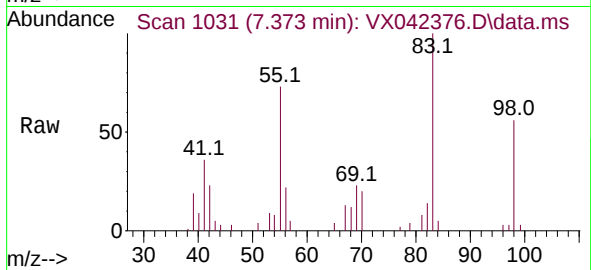
Tgt Ion: 83 Resp: 9171

Ion Ratio Lower Upper

83 100

55 71.5 56.4 84.6

98 49.7 40.4 60.6



#37

1,2-Dichloropropane

Concen: 3.710 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX042376.D

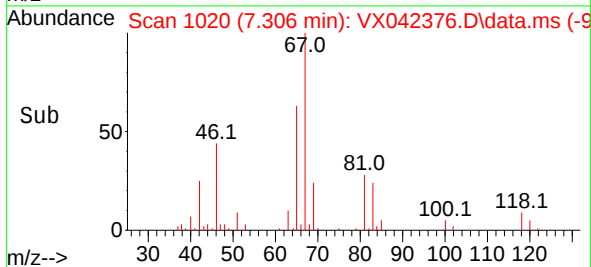
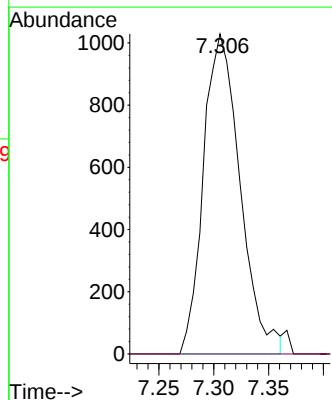
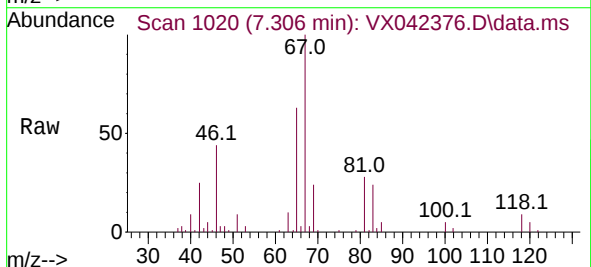
Acq: 18 Jul 2024 17:47

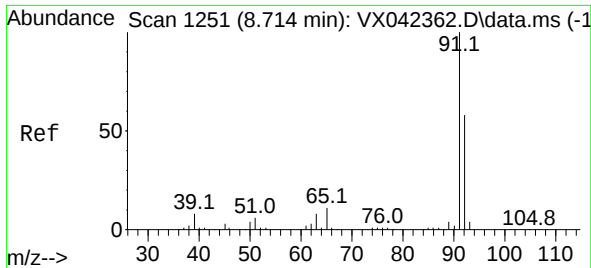
Tgt Ion: 63 Resp: 2389

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#42

Toluene

Concen: 3.837 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042376.D

Acq: 18 Jul 2024 17:47

Instrument :

MSVOA_X

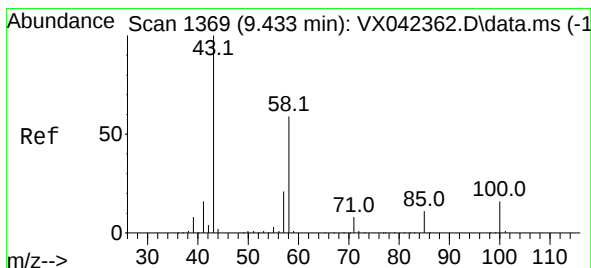
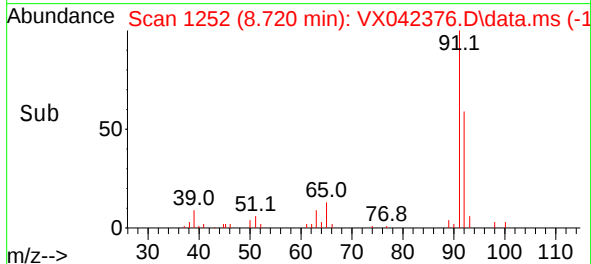
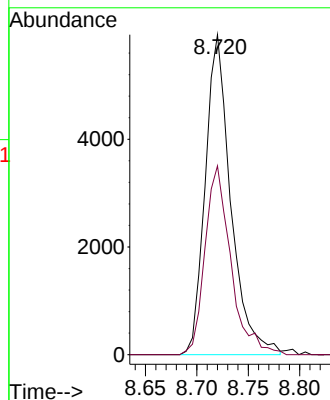
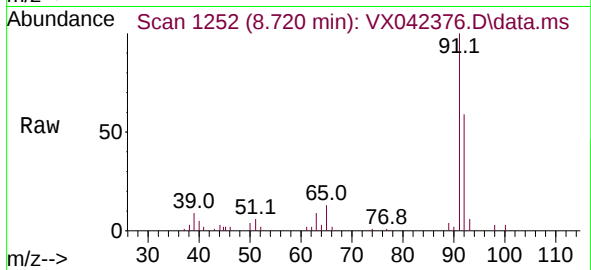
ClientSampleId :

Tgt Ion: 91 Resp: 10274

Ion Ratio Lower Upper

91 100

92 59.0 41.6 77.3



#48

2-Hexanone

Concen: 4.555 ug/L

RT: 9.397 min Scan# 1363

Delta R.T. -0.036 min

Lab File: VX042376.D

Acq: 18 Jul 2024 17:47

Tgt Ion: 43 Resp: 3285

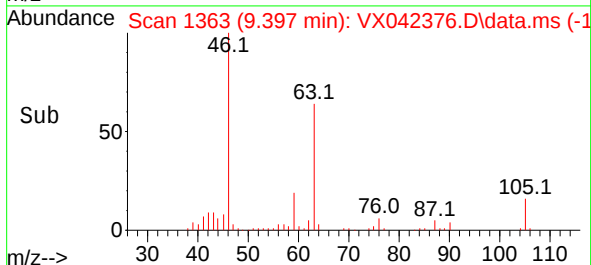
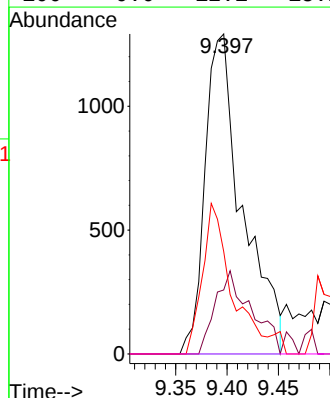
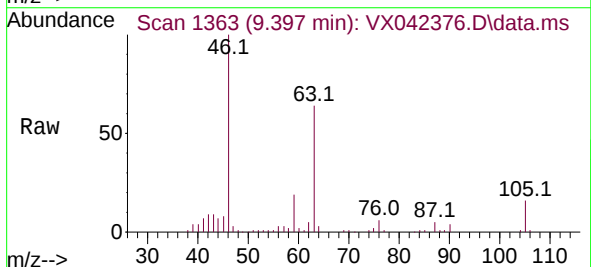
Ion Ratio Lower Upper

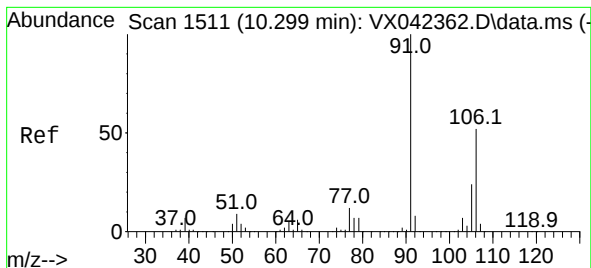
43 100

58 16.6 46.4 69.6#

57 29.9 16.3 24.5#

100 0.0 12.1 18.1#





#53

m,p-Xylene

Concen: 4.115 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042376.D

Acq: 18 Jul 2024 17:47

Instrument :

MSVOA_X

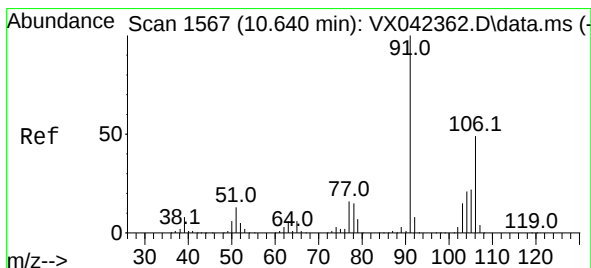
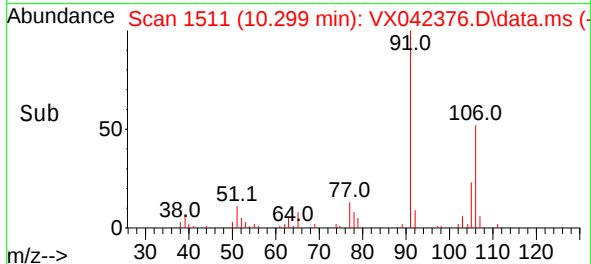
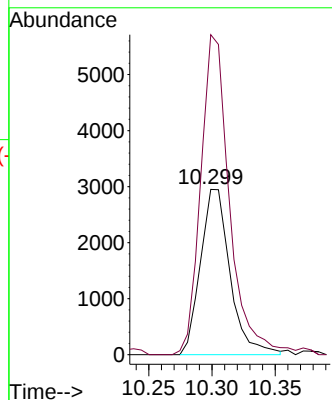
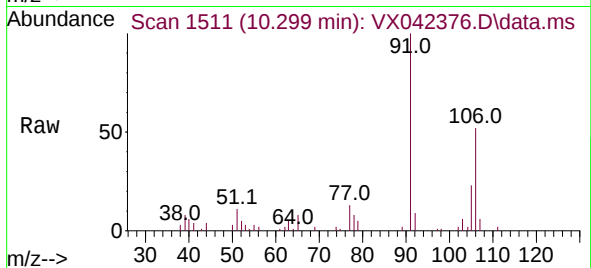
ClientSampleId :

Tgt Ion:106 Resp: 4819

Ion Ratio Lower Upper

106 100

91 193.6 136.4 253.2



#54

o-Xylene

Concen: 3.481 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042376.D

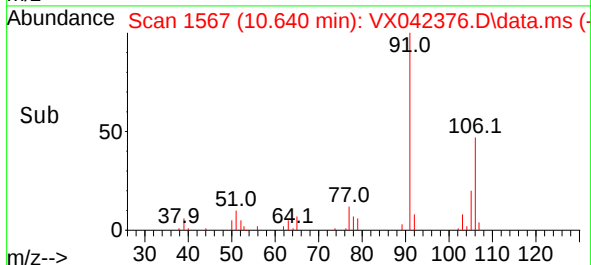
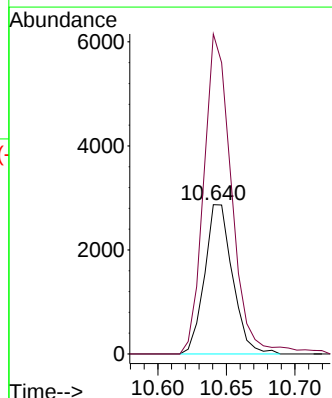
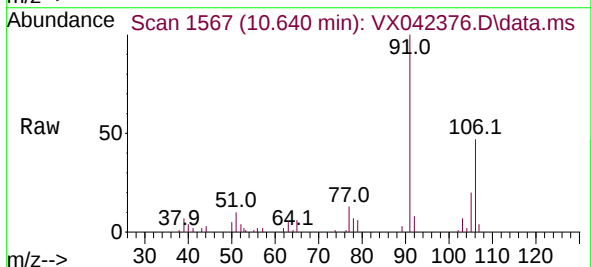
Acq: 18 Jul 2024 17:47

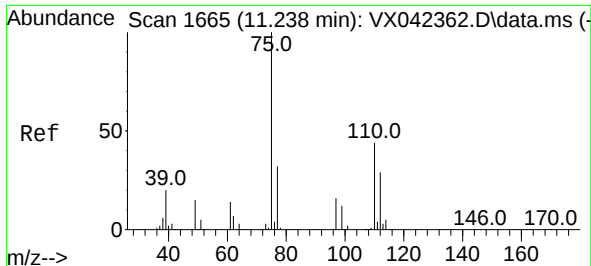
Tgt Ion:106 Resp: 4072

Ion Ratio Lower Upper

106 100

91 214.4 143.4 266.2





#61

1,2,3-Trichloropropane

Concen: 1.501 ug/L

RT: 11.433 min Scan# 1

Delta R.T. 0.195 min

Lab File: VX042376.D

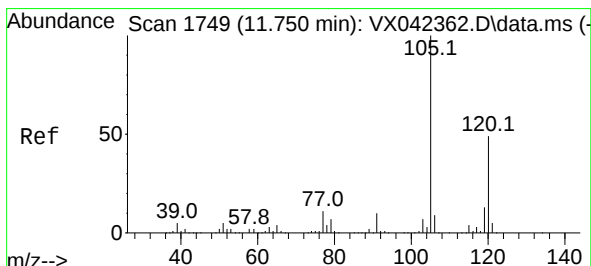
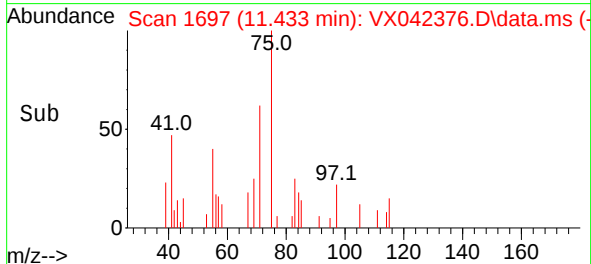
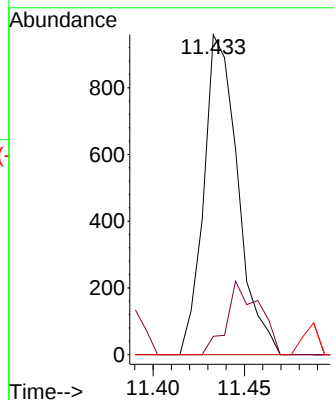
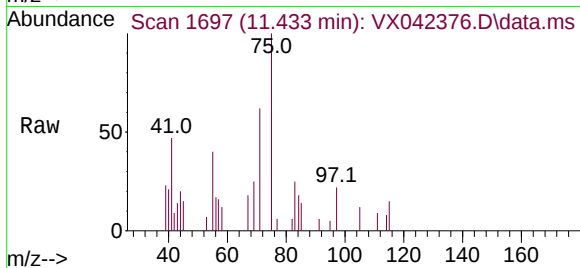
Acq: 18 Jul 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 75	Resp:	1244
Ion Ratio	Lower	Upper
75	100	
77	21.9	25.8 38.8#
110	4.3	35.4 53.0#



#63

1,2,4-Trimethylbenzene

Concen: 2.143 ug/L

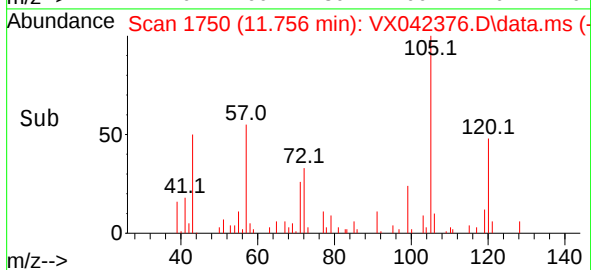
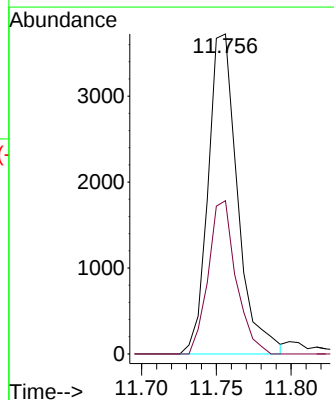
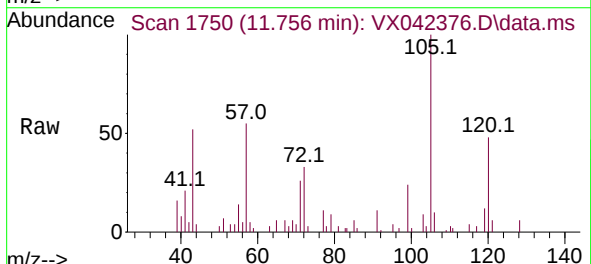
RT: 11.756 min Scan# 1750

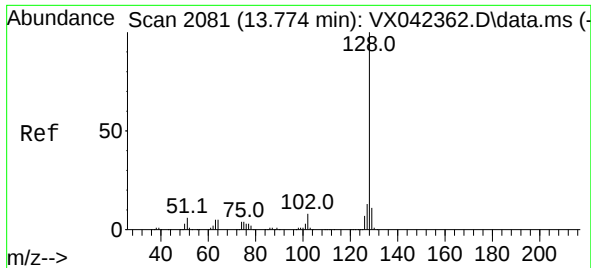
Delta R.T. 0.006 min

Lab File: VX042376.D

Acq: 18 Jul 2024 17:47

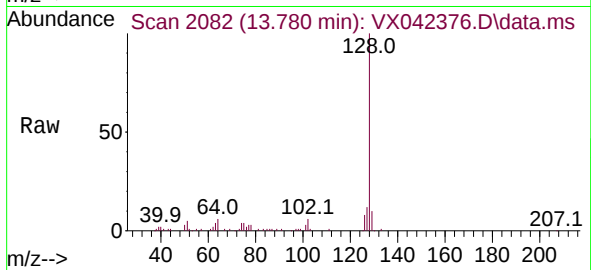
Tgt Ion: 105	Resp:	5104
Ion Ratio	Lower	Upper
105	100	
120	45.1	38.4 57.6





#71
Naphthalene
Concen: 6.135 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.0	8.9	13.3

