

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
 Data File : VX025147.D
 Acq On : 12 Nov 2021 11:59
 Operator : JC/MD
 Sample : M4615-01
 Misc : 4.34g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COV00

Quant Time: Nov 12 12:56:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

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

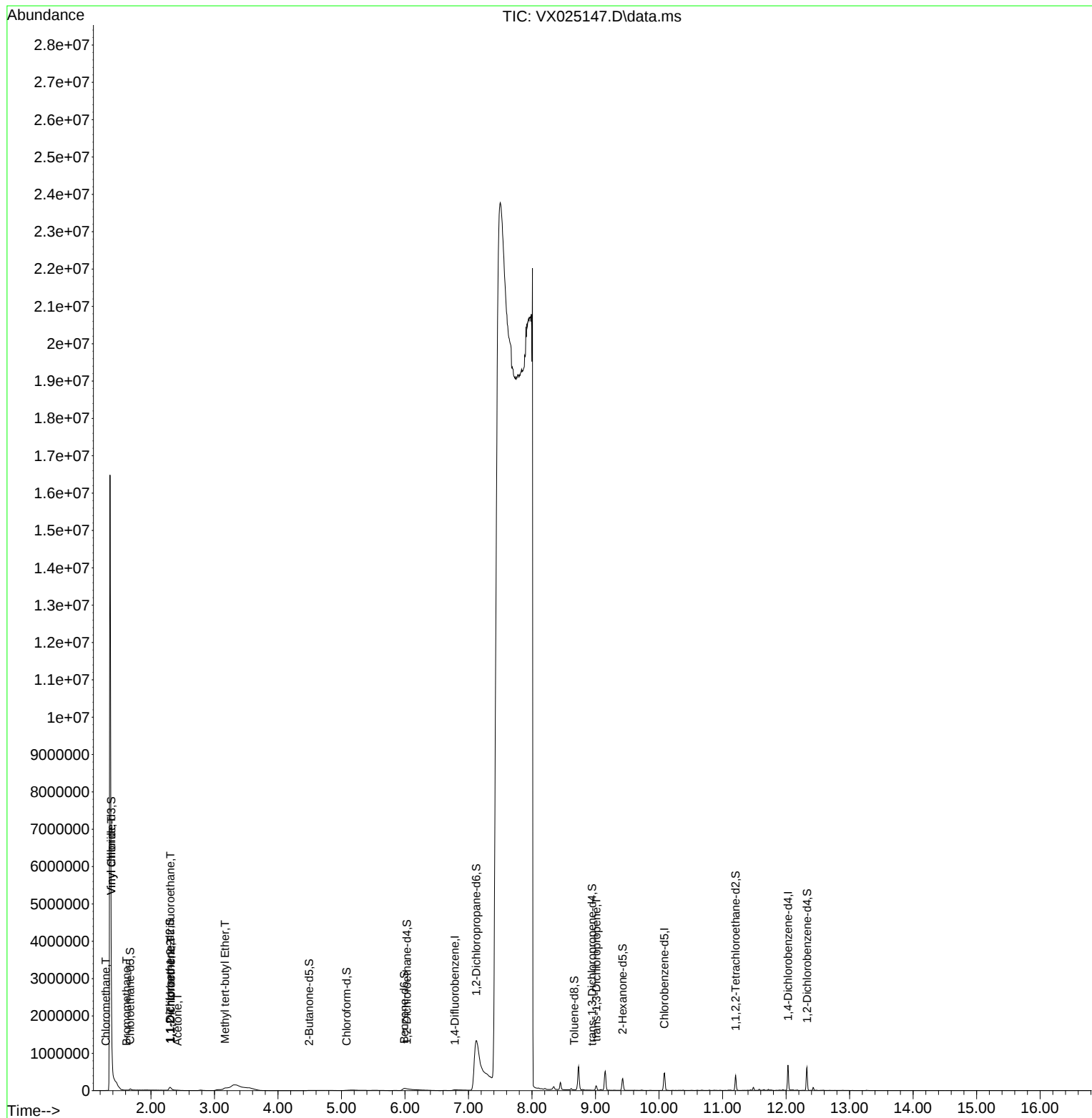
Internal Standards						
1) 1,4-Difluorobenzene	6.781	114	23562	50.000	ug/L	# 0.02
28) Chlorobenzene-d5	10.085	117	260050	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	12.030	152	134727	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	59015	370.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 741.480%#	
7) Chloroethane-d5	1.672	69	32180	354.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 709.420%#	
11) 1,1-Dichloroethene-d2	2.300	63	90569	330.813	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 661.620%#	
21) 2-Butanone-d5	4.489	46	13376	111.197	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.200%	
24) Chloroform-d	5.080	84	8766	31.303	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	= 62.600%#	
26) 1,2-Dichloroethane-d4	6.031	65	16365	96.413	ug/L	0.07
Spiked Amount	50.000	Range	70 - 125	Recovery	= 192.820%#	
32) Benzene-d6	5.989	84	168351	23.720	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 47.440%#	
36) 1,2-Dichloropropane-d6	7.123	67	64616	29.816	ug/L	-0.19
Spiked Amount	50.000	Range	70 - 120	Recovery	= 59.640%#	
41) Toluene-d8	8.665	98	63	0.009	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	= 0.020%#	
43) trans-1,3-Dichloroprop...	8.945	79	83	0.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 0.140%#	
47) 2-Hexanone-d5	9.427	63	110049	94.564	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	= 94.560%	
56) 1,1,2,2-Tetrachloroeth...	11.207	84	151481	48.530	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	= 97.060%	
66) 1,2-Dichlorobenzene-d4	12.329	152	126913	47.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 95.040%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	542	2.719	ug/L	90
5) Vinyl chloride	1.374	62	338	1.644	ug/L	# 1
6) Bromomethane	1.617	94	752	9.532	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	743	4.778	ug/L	# 24
12) 1,1-Dichloroethene	2.312	96	243	1.618	ug/L	# 1
13) Acetone	2.416	43	1415	12.540	ug/L	86
18) Methyl tert-butyl Ether	3.166	73	99741	195.586	ug/L	# 87
44) trans-1,3-Dichloropropene	9.012	75	2850	0.891	ug/L	95

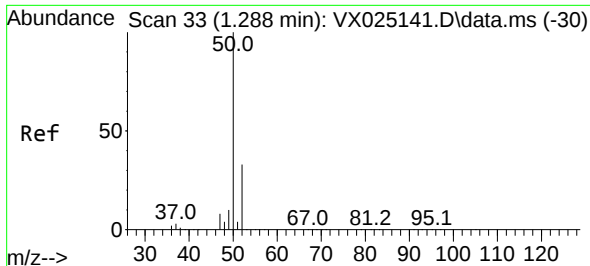
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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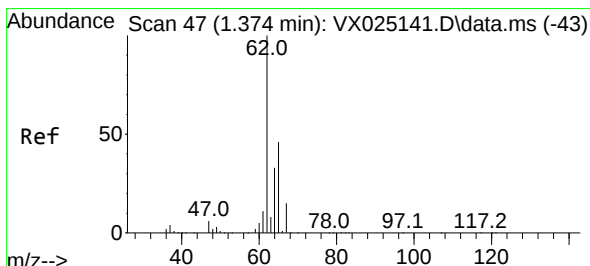
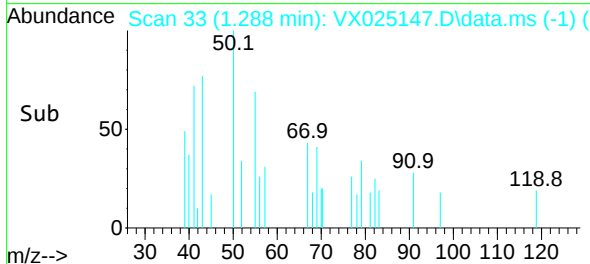
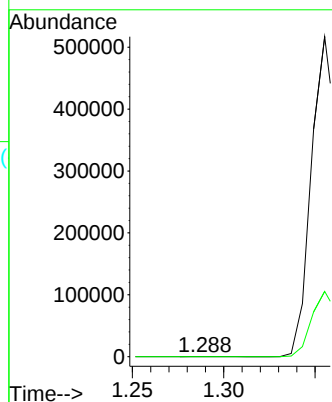
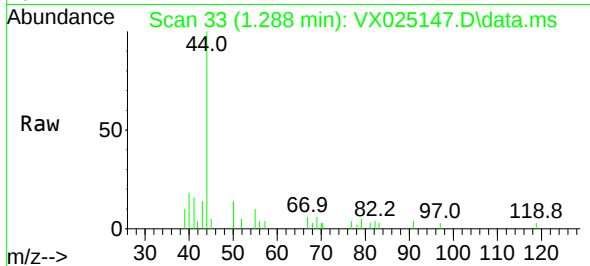




#3
Chloromethane
Concen: 2.719 ug/L
RT: 1.288 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025147.D
Acq: 12 Nov 2021 11:59

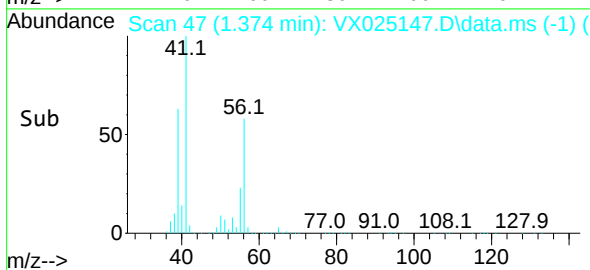
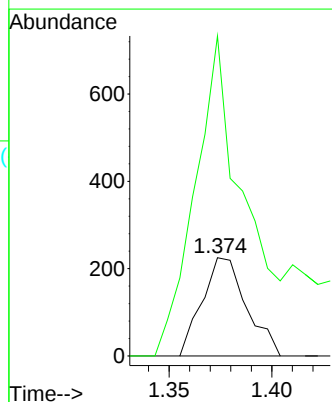
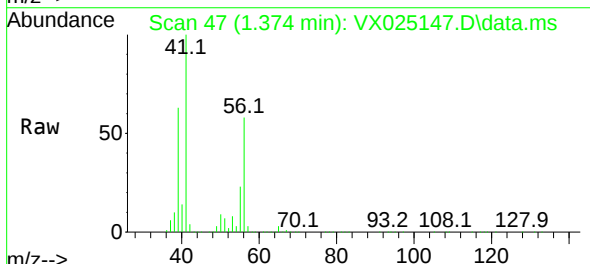
Instrument :
MSVOA_X
ClientSampleId :
COV00

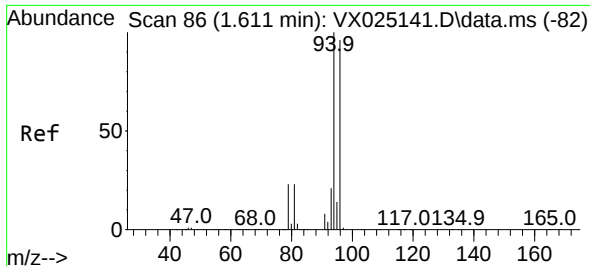
Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 34.1 28.0 52.0



#5
Vinyl chloride
Concen: 1.644 ug/L
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025147.D
Acq: 12 Nov 2021 11:59

Tgt Ion: 62 Resp: 338
Ion Ratio Lower Upper
62 100
64 325.8 23.6 43.8#

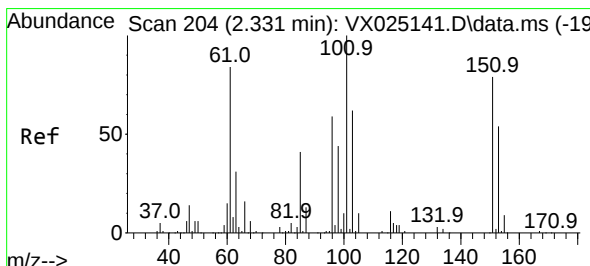
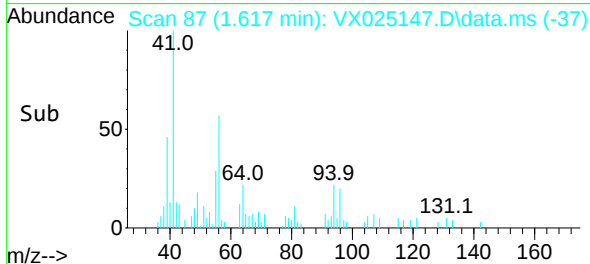
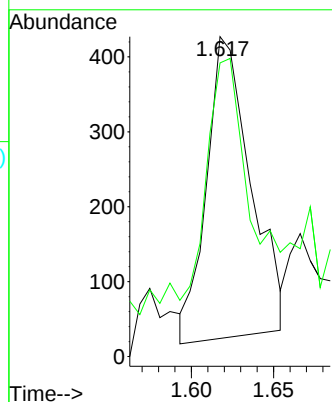
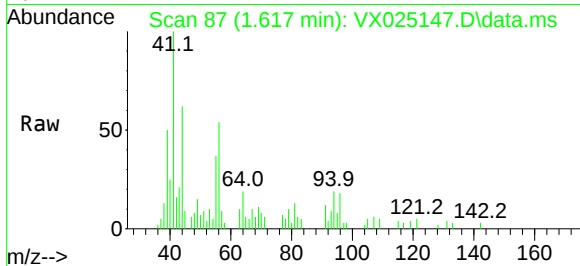




#6
Bromomethane
Concen: 9.532 ug/L
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX025147.D
Acq: 12 Nov 2021 11:59

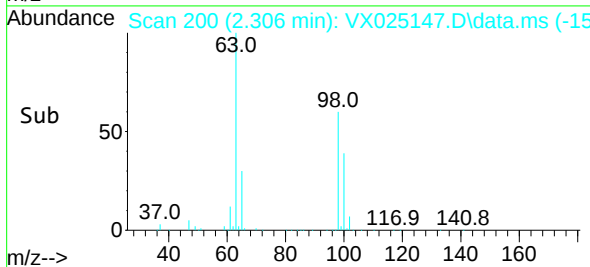
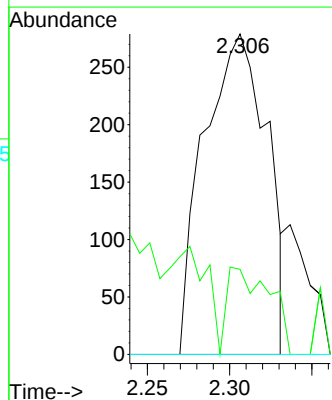
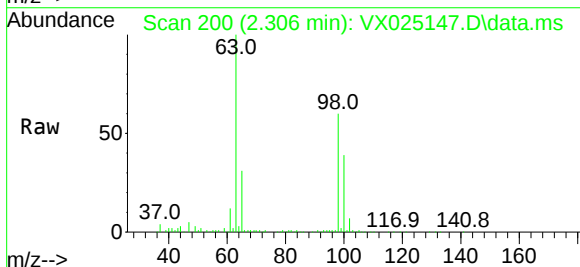
Instrument :
MSVOA_X
ClientSampleId :
COV00

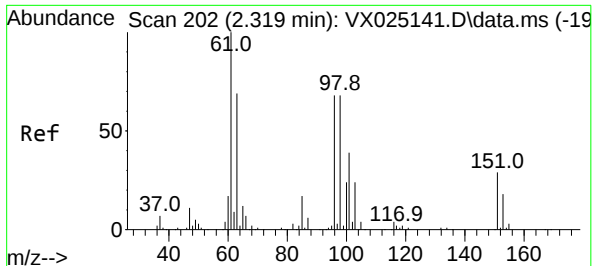
Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 91.8 62.9 116.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.778 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX025147.D
Acq: 12 Nov 2021 11:59

Tgt Ion: 101 Resp: 743
Ion Ratio Lower Upper
101 100
85 10.0 35.3 52.9#
151 0.0 62.3 93.5#





#12

1,1-Dichloroethene

Concen: 1.618 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX025147.D

Acq: 12 Nov 2021 11:59

Instrument :

MSVOA_X

ClientSampleId :

COV00

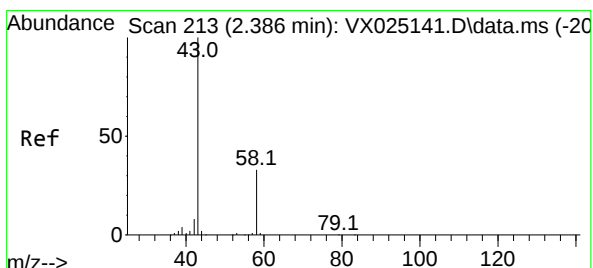
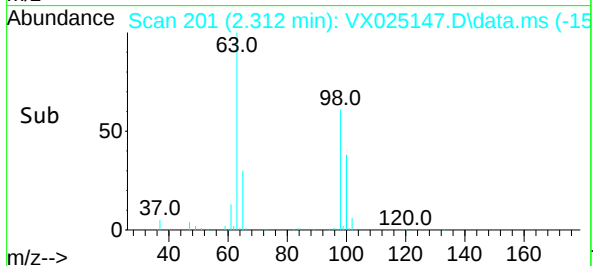
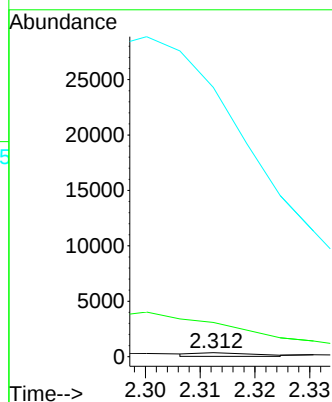
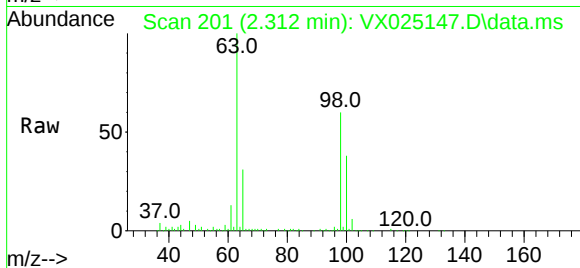
Tgt Ion: 96 Resp: 243

Ion Ratio Lower Upper

96 100

61 842.3 109.9 204.1#

63 6638.3 92.4 171.6#



#13

Acetone

Concen: 12.540 ug/L

RT: 2.416 min Scan# 218

Delta R.T. 0.030 min

Lab File: VX025147.D

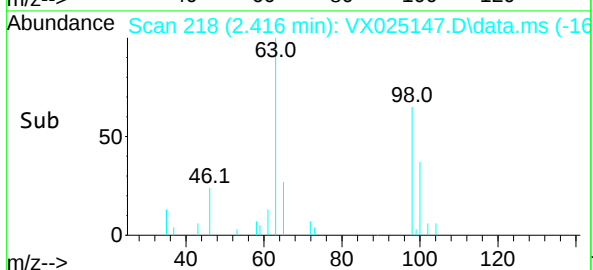
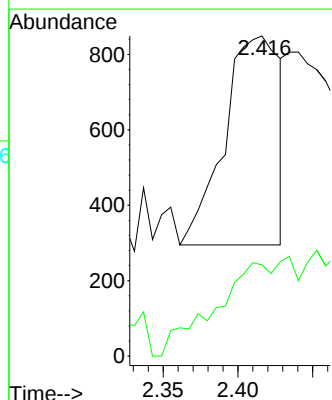
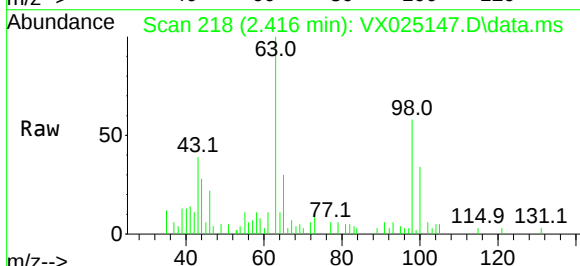
Acq: 12 Nov 2021 11:59

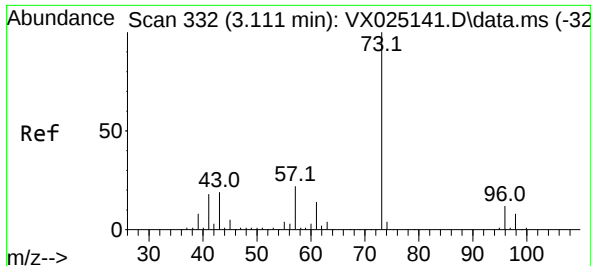
Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

58 24.4 0.0 64.8

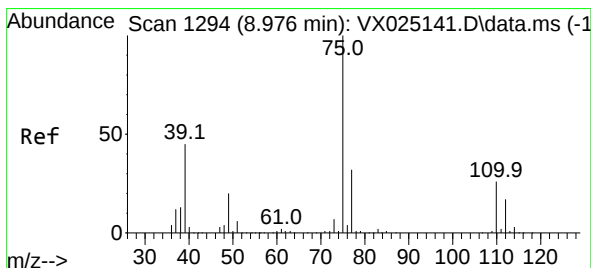
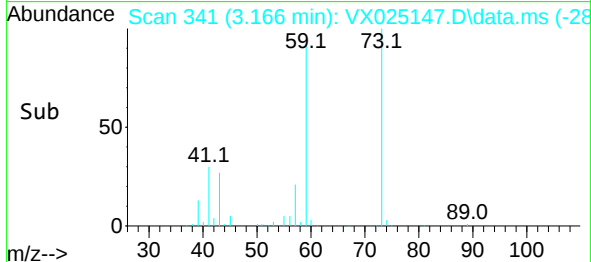
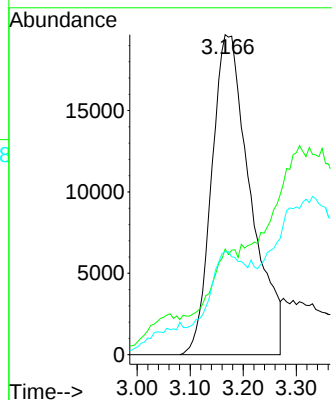
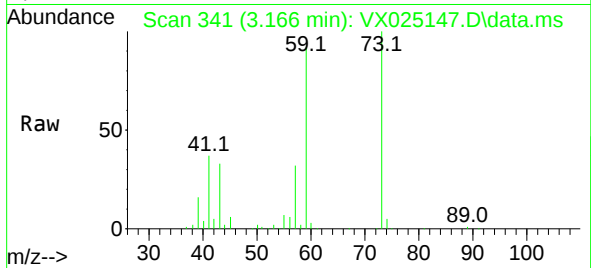




#18
Methyl tert-butyl Ether
Concen: 195.586 ug/L
RT: 3.166 min Scan# 341
Delta R.T. 0.055 min
Lab File: VX025147.D
Acq: 12 Nov 2021 11:59

Instrument :
MSVOA_X
ClientSampleId :
COV00

Tgt Ion: 73 Resp: 99741
Ion Ratio Lower Upper
73 100
43 6.9 12.4 18.6#
57 19.2 13.2 19.8



#44
trans-1,3-Dichloropropene
Concen: 0.891 ug/L
RT: 9.012 min Scan# 1300
Delta R.T. 0.036 min
Lab File: VX025147.D
Acq: 12 Nov 2021 11:59

Tgt Ion: 75 Resp: 2850
Ion Ratio Lower Upper
75 100
77 36.6 23.4 43.6

