

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036061.D
 Acq On : 13 Jun 2024 14:31
 Operator : SY/MD
 Sample : P2850-06
 Misc : 5.31g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

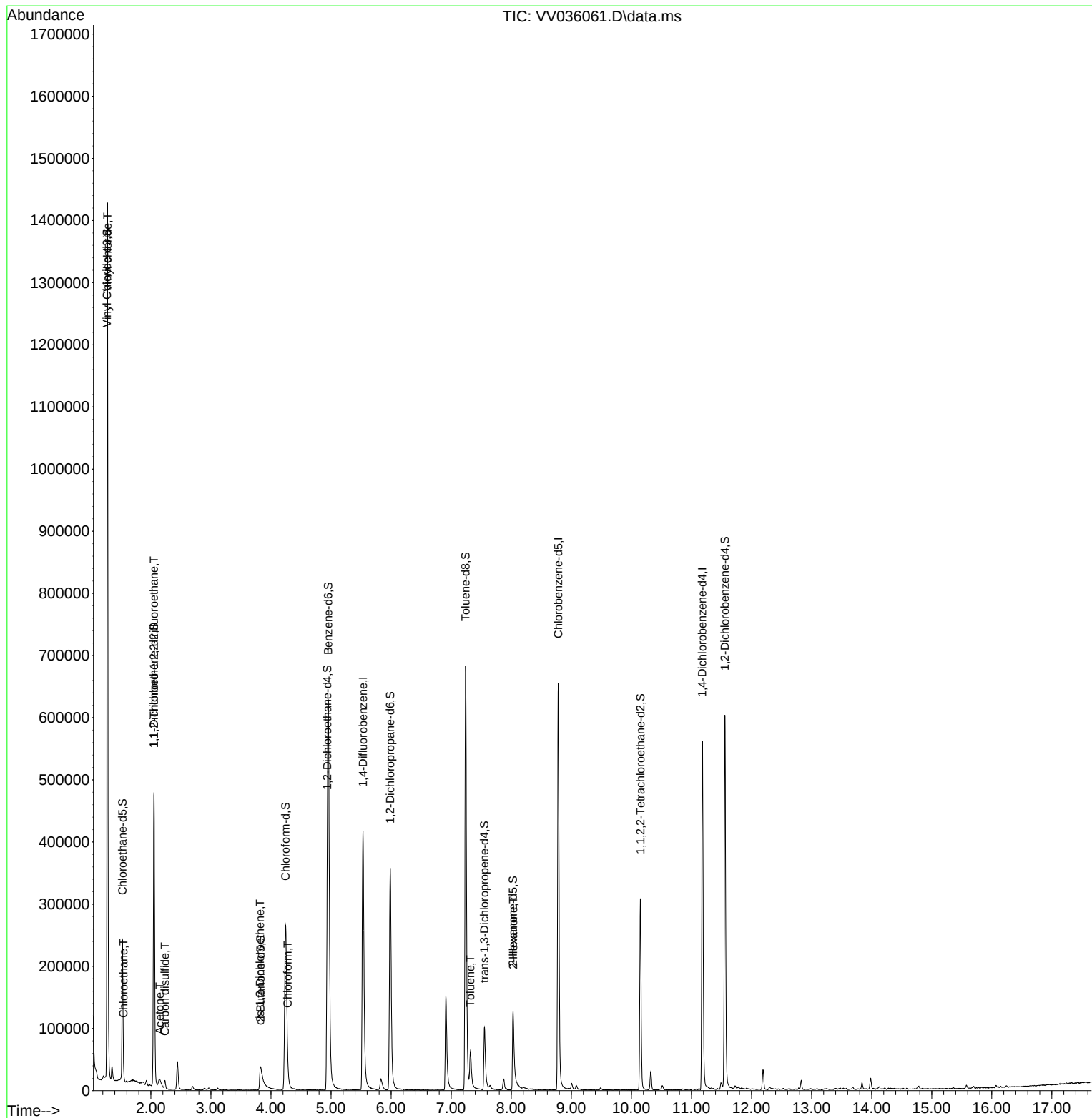
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	367570	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	373279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	151817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	203704	30.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.560%
7) Chloroethane-d5	1.526	69	151536	28.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.480%
11) 1,1-Dichloroethene-d2	2.053	65	83321	27.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.800%#
21) 2-Butanone-d5	3.825	46	65151	42.020	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.040%
24) Chloroform-d	4.243	84	294624	25.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.840%
26) 1,2-Dichloroethane-d4	4.937	65	158416	25.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.440%
32) Benzene-d6	4.953	84	574790	25.905	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.985	67	186346	26.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.680%
41) Toluene-d8	7.239	98	477635	24.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.554	79	66469	23.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.800%
47) 2-Hexanone-d5	8.030	63	47537	50.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151178	28.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	157447	28.281	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.120%
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	753276	94.073	ug/L	100
8) Chloroethane	1.545	64	2966	0.596	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2655	0.421	ug/L #	28
13) Acetone	2.146	43	32591	13.494	ug/L #	53
14) Carbon disulfide	2.233	76	15554	0.761	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	4826	0.768	ug/L	94
25) Chloroform	4.278	83	6552	0.535	ug/L	98
42) Toluene	7.320	91	48904	1.960	ug/L	99
48) 2-Hexanone	8.034	43	6755	2.481	ug/L #	69

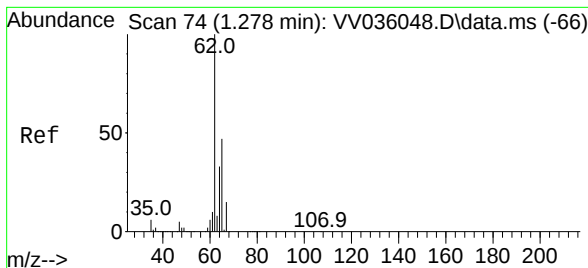
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 94.073 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV036061.D

Acq: 13 Jun 2024 14:31

Instrument :

MSVOA_V

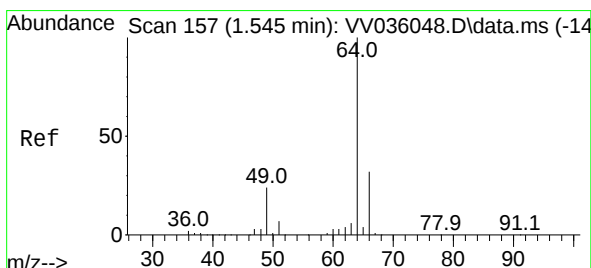
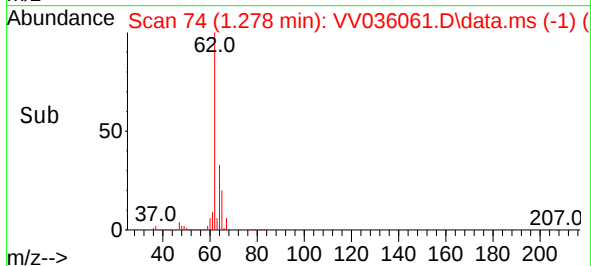
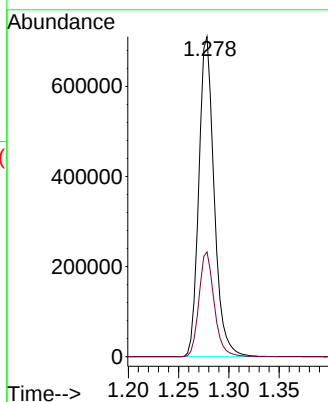
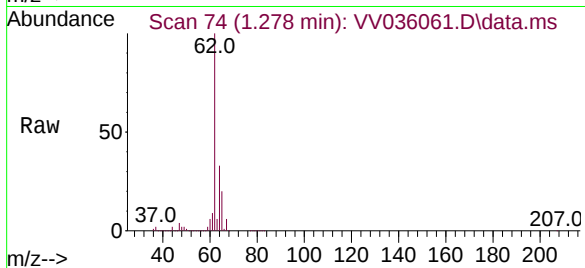
ClientSampleId :

Tgt Ion: 62 Resp: 753276

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



#8

Chloroethane

Concen: 0.596 ug/L

RT: 1.545 min Scan# 157

Delta R.T. 0.000 min

Lab File: VV036061.D

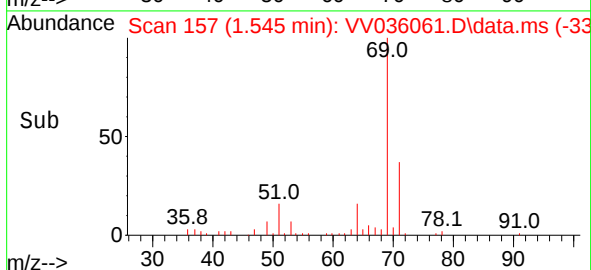
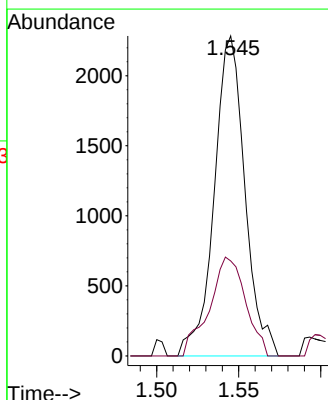
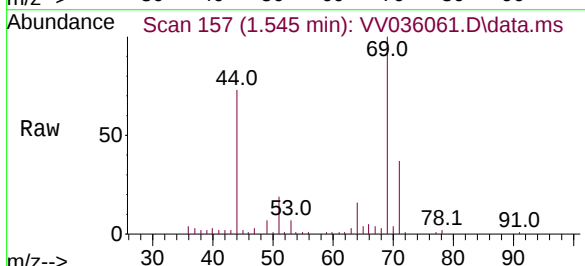
Acq: 13 Jun 2024 14:31

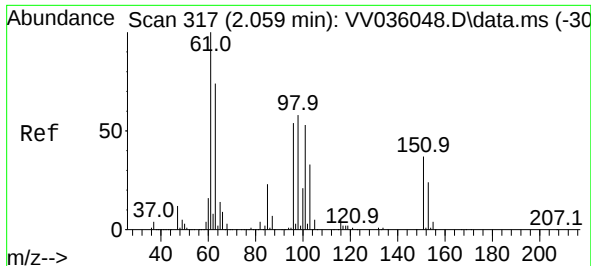
Tgt Ion: 64 Resp: 2966

Ion Ratio Lower Upper

64 100

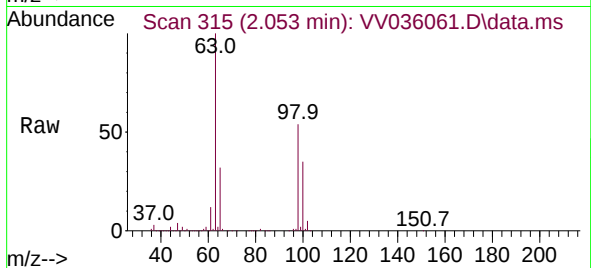
66 29.7 22.0 41.0



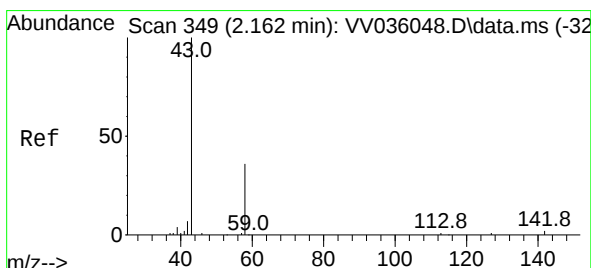
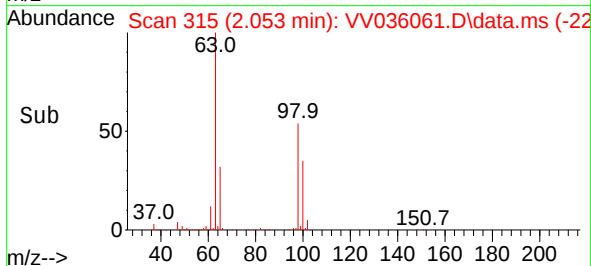
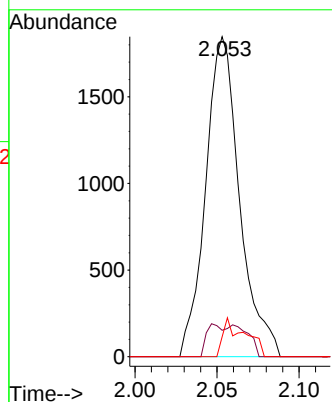


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.421 ug/L
RT: 2.053 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV036061.D
Acq: 13 Jun 2024 14:31

Instrument :
MSVOA_V
ClientSampleId :

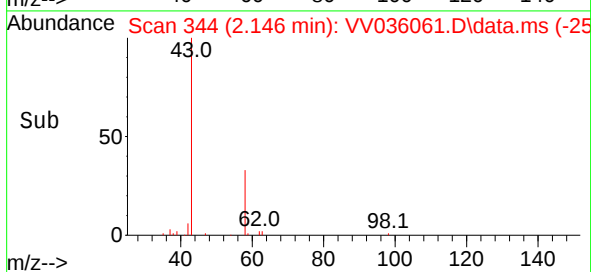
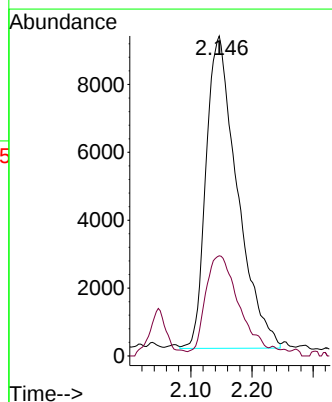
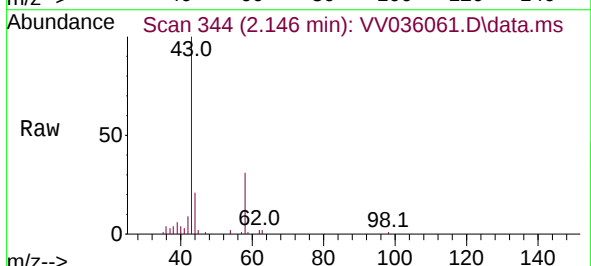


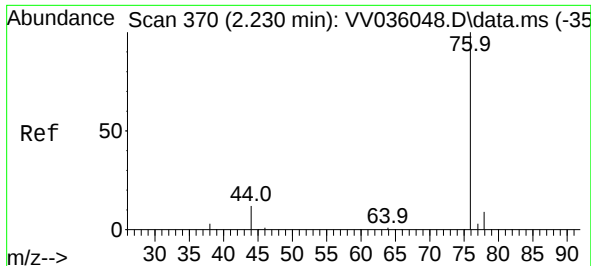
Tgt Ion:101 Resp: 2655
Ion Ratio Lower Upper
101 100
85 6.6 34.5 51.7#
151 3.4 56.3 84.5#



#13
Acetone
Concen: 13.494 ug/L
RT: 2.146 min Scan# 344
Delta R.T. -0.016 min
Lab File: VV036061.D
Acq: 13 Jun 2024 14:31

Tgt Ion: 43 Resp: 32591
Ion Ratio Lower Upper
43 100
58 30.4 0.0 24.2#

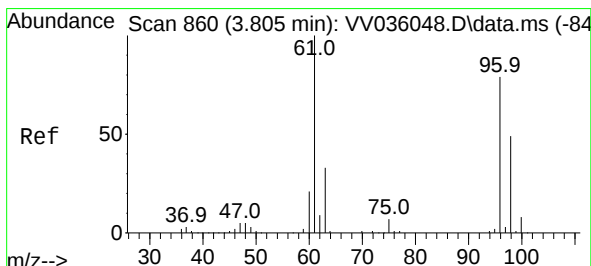
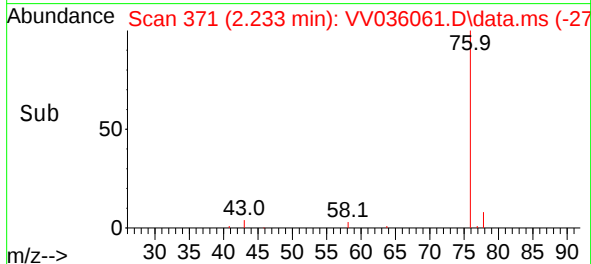
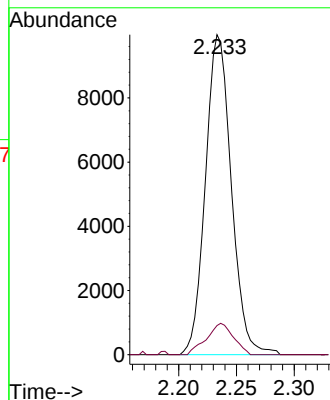
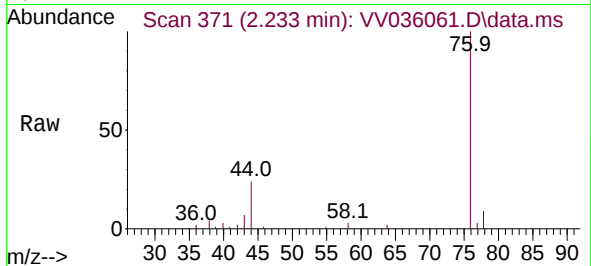




#14
Carbon disulfide
Concen: 0.761 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.003 min
Lab File: VV036061.D
Acq: 13 Jun 2024 14:31

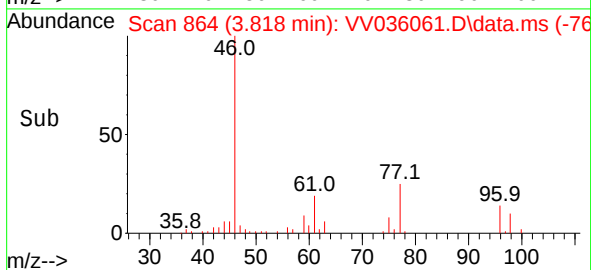
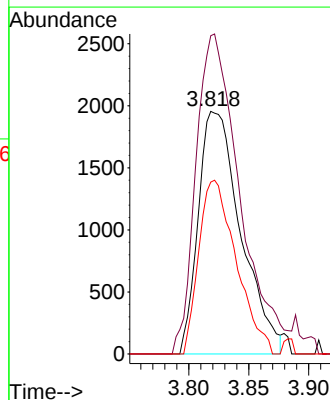
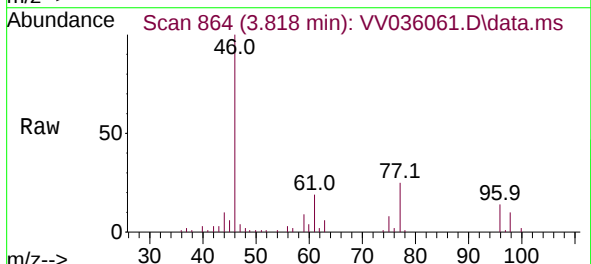
Instrument :
MSVOA_V
ClientSampleId :

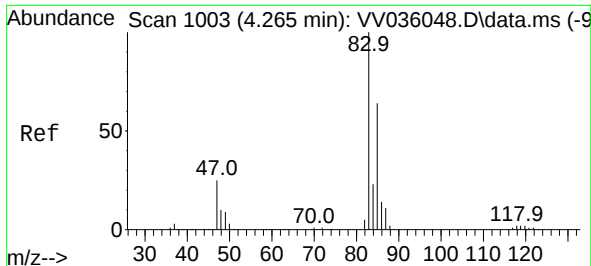
Tgt Ion: 76 Resp: 15554
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#20
cis-1,2-Dichloroethene
Concen: 0.768 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.013 min
Lab File: VV036061.D
Acq: 13 Jun 2024 14:31

Tgt Ion: 96 Resp: 4826
Ion Ratio Lower Upper
96 100
61 131.2 87.9 163.3
98 70.8 44.4 82.5





#25

Chloroform

Concen: 0.535 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV036061.D

Acq: 13 Jun 2024 14:31

Instrument :

MSVOA_V

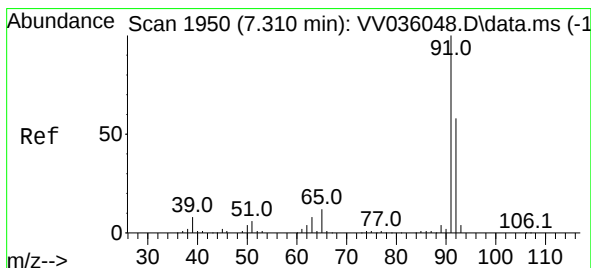
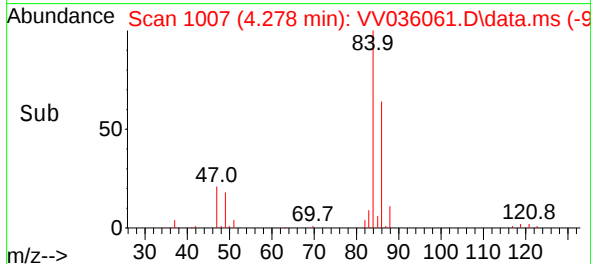
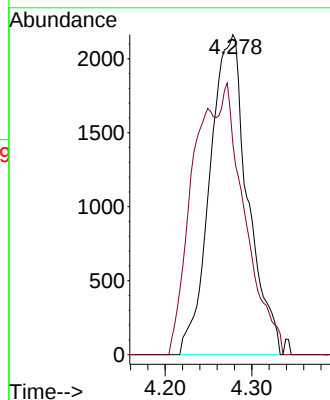
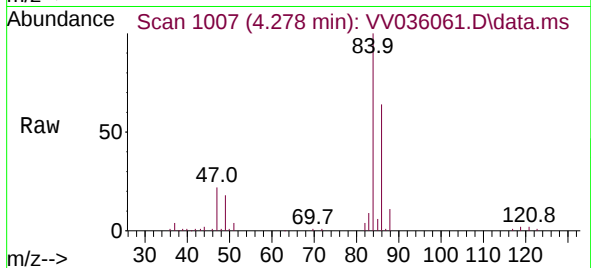
ClientSampleId :

Tgt Ion: 83 Resp: 6552

Ion Ratio Lower Upper

83 100

85 66.1 45.2 84.0



#42

Toluene

Concen: 1.960 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.010 min

Lab File: VV036061.D

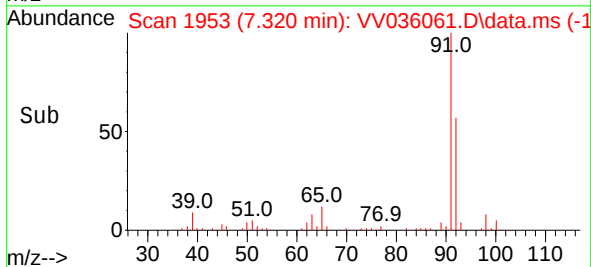
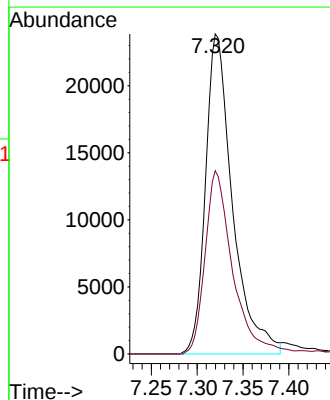
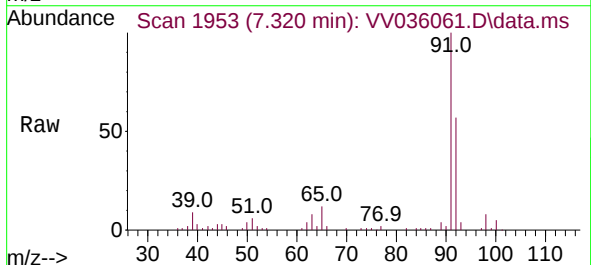
Acq: 13 Jun 2024 14:31

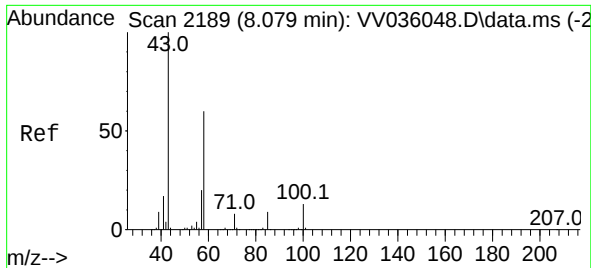
Tgt Ion: 91 Resp: 48904

Ion Ratio Lower Upper

91 100

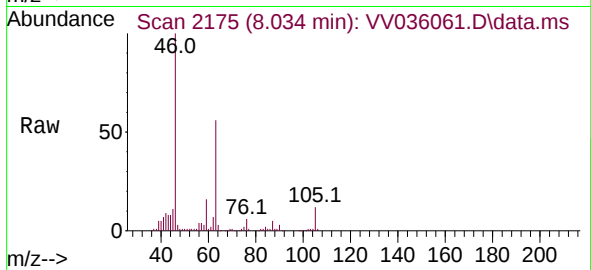
92 57.3 40.6 75.4





#48
 2-Hexanone
 Concen: 2.481 ug/L
 RT: 8.034 min Scan# 2189
 Delta R.T. -0.045 min
 Lab File: VV036061.D
 Acq: 13 Jun 2024 14:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 6755

Ion	Ratio	Lower	Upper
43	100		
58	38.7	45.4	68.0#
57	44.8	15.8	23.8#
100	3.7	9.8	14.8#

