

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034727.D
 Acq On : 19 Mar 2024 12:00
 Operator : SY/MD
 Sample : P1752-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

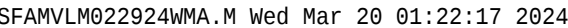
Quant Time: Mar 20 01:22:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

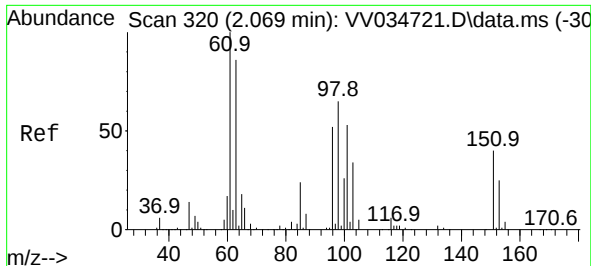
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	346315	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325313	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	147422	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	147720	49.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.400%
7) Chloroethane-d5	1.532	69	117385	50.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.380%
11) 1,1-Dichloroethene-d2	2.060	65	64983	47.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
21) 2-Butanone-d5	3.789	46	186946	93.115	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.120%
24) Chloroform-d	4.246	84	259065	48.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.940	65	173475	50.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
32) Benzene-d6	4.957	84	506319	51.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
36) 1,2-Dichloropropane-d6	5.985	67	155033	51.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.480%
41) Toluene-d8	7.239	98	445789	50.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.340%
43) trans-1,3-Dichloroprop...	7.551	79	74362	49.422	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.840%
47) 2-Hexanone-d5	8.024	63	114350	76.427	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.430%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	198632	50.375	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	162757	54.012	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.020%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3520	1.259	ug/L #	55
12) 1,1-Dichloroethene	2.069	96	118628	45.746	ug/L	87
13) Acetone	2.124	43	59617	24.701	ug/L	98
15) Methyl Acetate	2.265	43	19734	6.391	ug/L #	53
19) 1,1-Dichloroethane	3.117	63	18139	3.689	ug/L	96
27) 1,2-Dichloroethane	5.059	62	8620	2.082	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	33091	7.094	ug/L	99
31) Carbon tetrachloride	4.516	117	3851	0.932	ug/L	96
48) 2-Hexanone	8.088	43	12185	3.923	ug/L #	59
61) 1,2,3-Trichloropropane	11.185	75	17738	6.303	ug/L #	64

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

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.259 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

Lab File: VV034727.D

Acq: 19 Mar 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

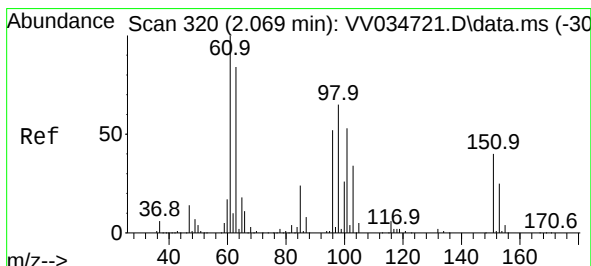
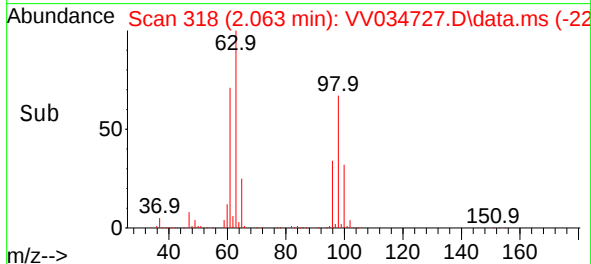
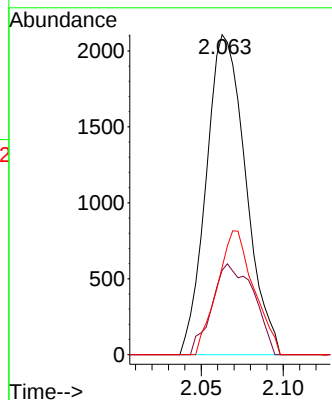
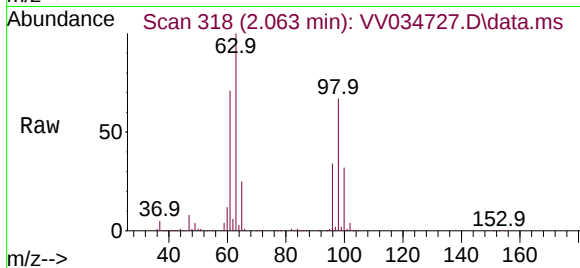
Tgt Ion:101 Resp: 3520

Ion Ratio Lower Upper

101 100

85 18.7 37.4 56.0#

151 35.9 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 45.746 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034727.D

Acq: 19 Mar 2024 12:00

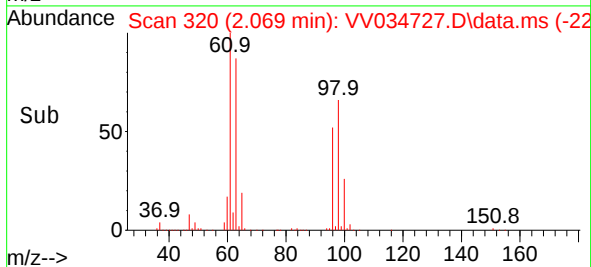
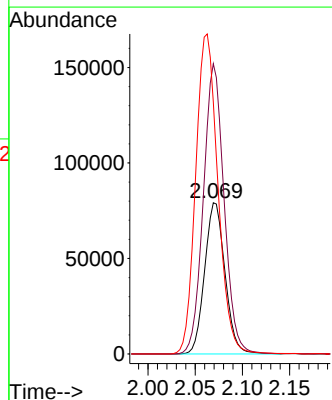
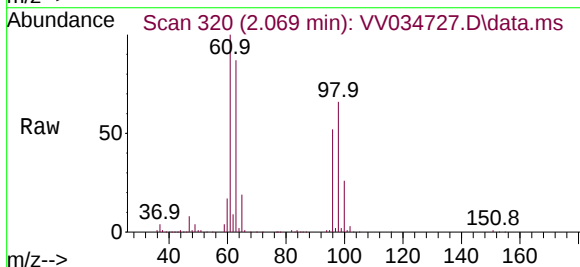
Tgt Ion: 96 Resp: 118628

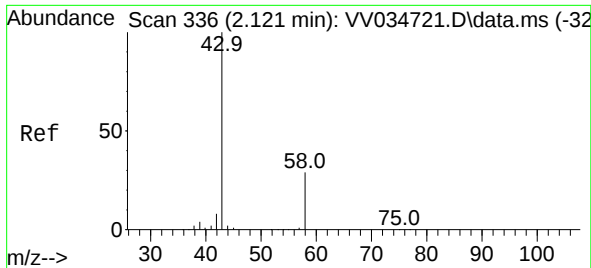
Ion Ratio Lower Upper

96 100

61 192.0 128.9 239.3

63 166.6 98.0 182.0





#13

Acetone

Concen: 24.701 ug/L

RT: 2.124 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV034727.D

Acq: 19 Mar 2024 12:00

Instrument :

MSVOA_V

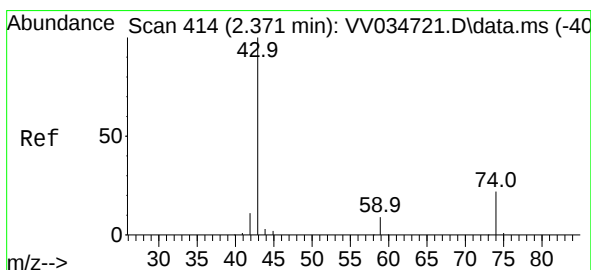
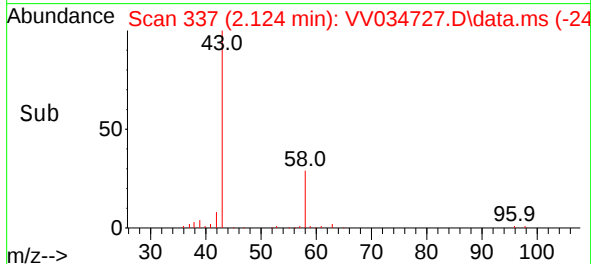
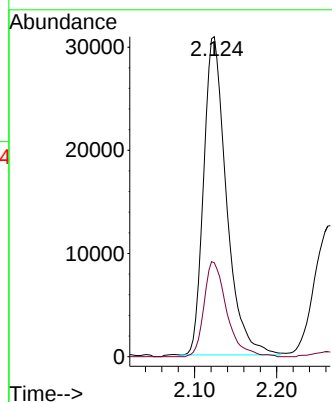
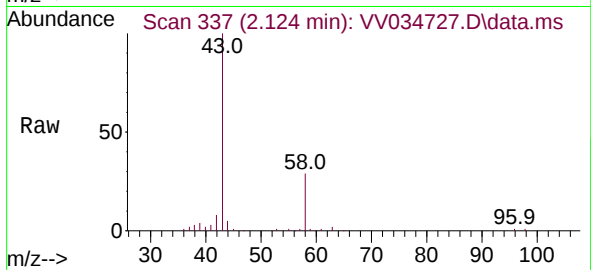
ClientSampleId :

Tgt Ion: 43 Resp: 59617

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.2



#15

Methyl Acetate

Concen: 6.391 ug/L

RT: 2.265 min Scan# 381

Delta R.T. -0.106 min

Lab File: VV034727.D

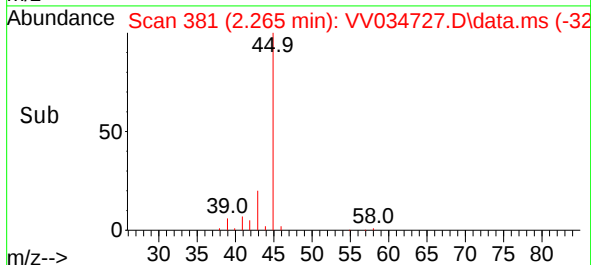
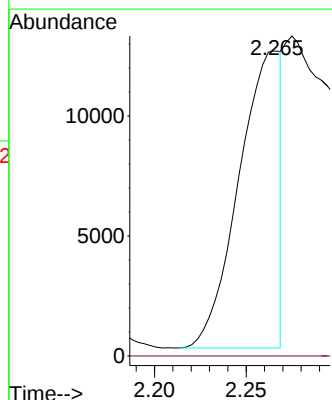
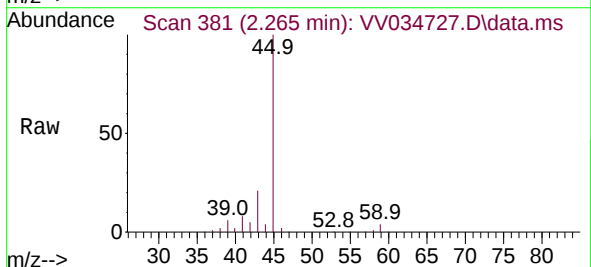
Acq: 19 Mar 2024 12:00

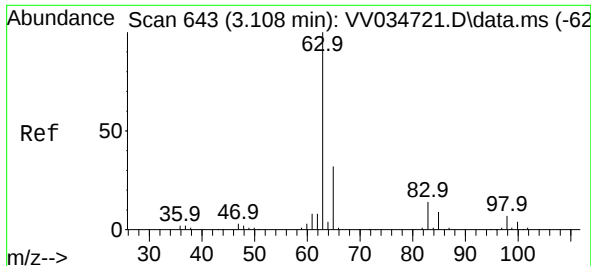
Tgt Ion: 43 Resp: 19734

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#19

1,1-Dichloroethane

Concen: 3.689 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034727.D

Acq: 19 Mar 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

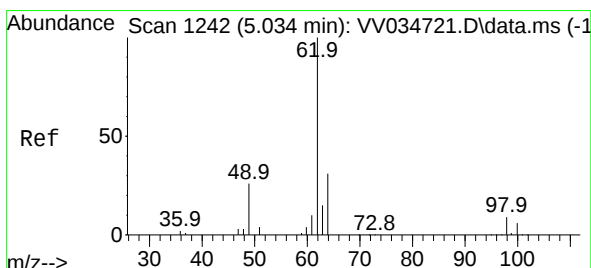
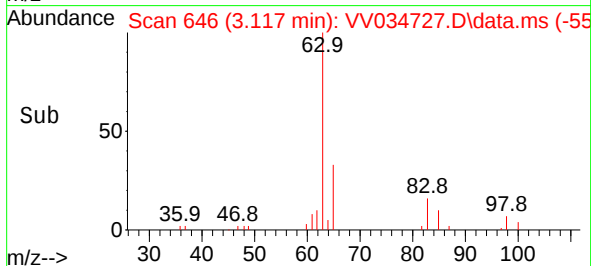
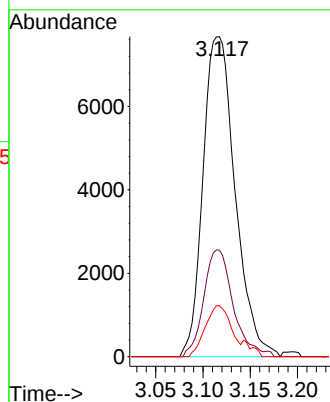
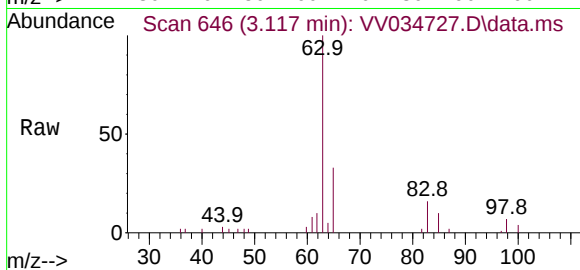
Tgt Ion: 63 Resp: 18139

Ion Ratio Lower Upper

63 100

65 33.3 22.1 41.1

83 16.0 9.9 18.3



#27

1,2-Dichloroethane

Concen: 2.082 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.026 min

Lab File: VV034727.D

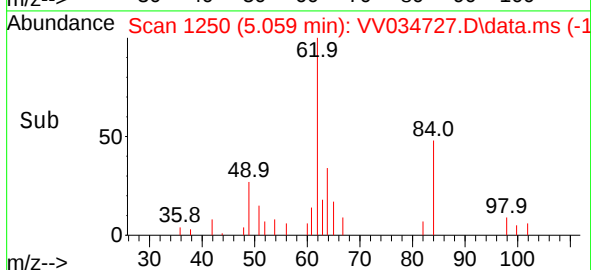
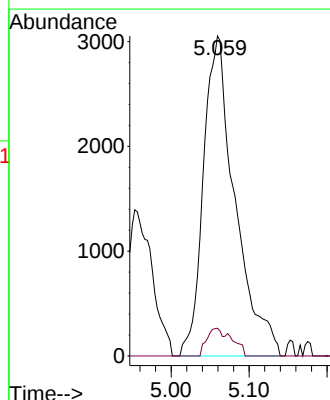
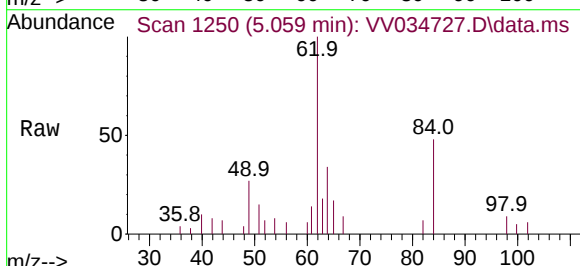
Acq: 19 Mar 2024 12:00

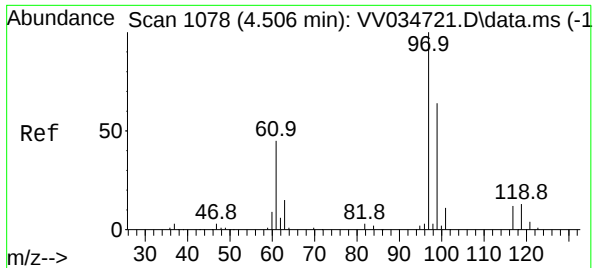
Tgt Ion: 62 Resp: 8620

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#30

1,1,1-Trichloroethane

Concen: 7.094 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV034727.D

Acq: 19 Mar 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

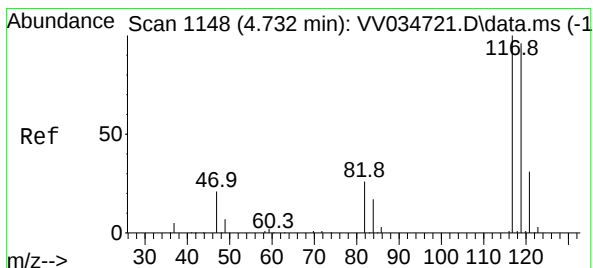
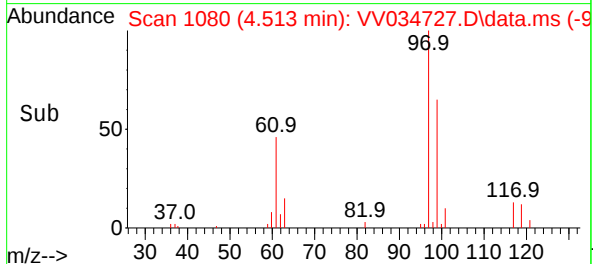
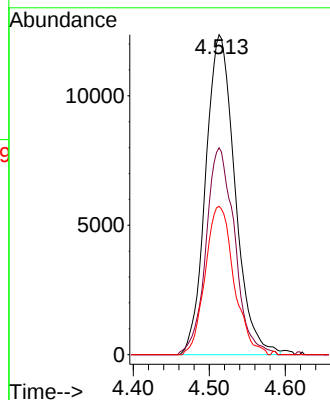
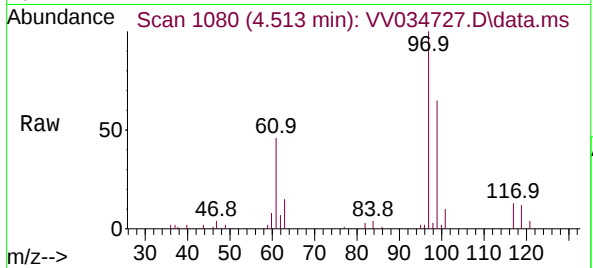
Tgt Ion: 97 Resp: 33091

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 45.6 36.0 54.0



#31

Carbon tetrachloride

Concen: 0.932 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.216 min

Lab File: VV034727.D

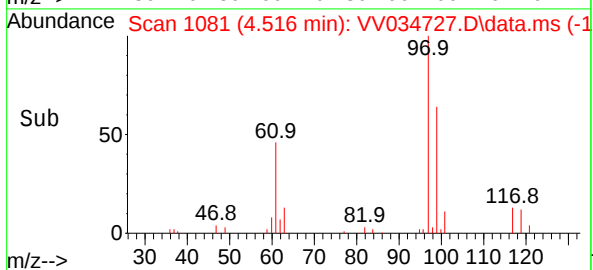
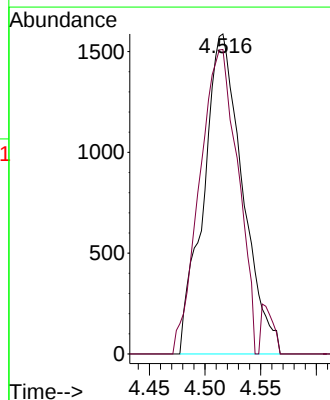
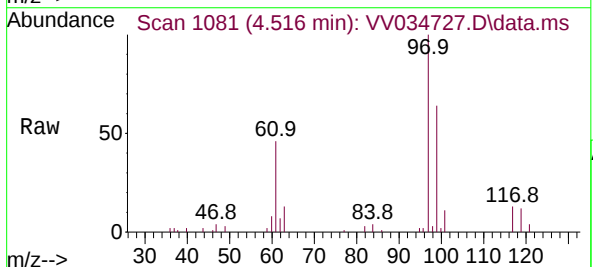
Acq: 19 Mar 2024 12:00

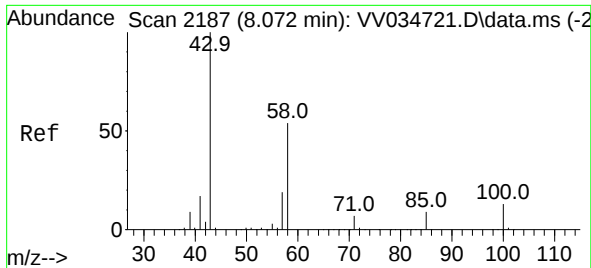
Tgt Ion: 117 Resp: 3851

Ion Ratio Lower Upper

117 100

119 93.5 77.5 116.3



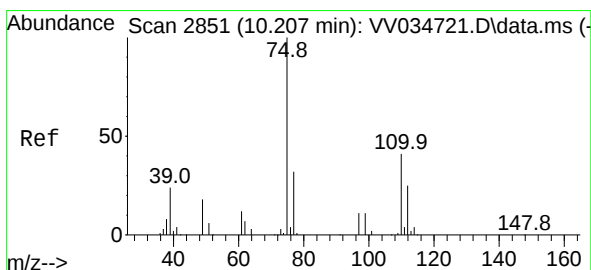
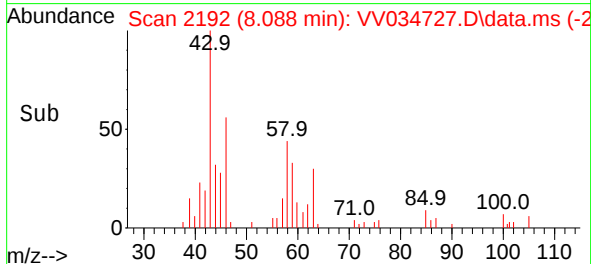
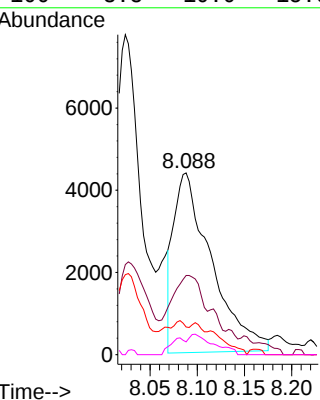
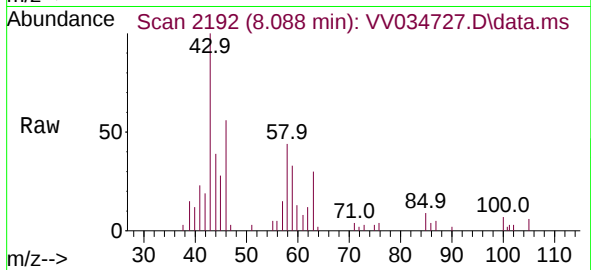


#48
2-Hexanone
Concen: 3.923 ug/L
RT: 8.088 min Scan# 2185
Delta R.T. 0.016 min
Lab File: VV034727.D
Acq: 19 Mar 2024 12:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 12185

Ion	Ratio	Lower	Upper
43	100		
58	19.4	42.0	63.0#
57	3.2	15.2	22.8#
100	3.8	10.0	15.0#



#61
1,2,3-Trichloropropane
Concen: 6.303 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV034727.D
Acq: 19 Mar 2024 12:00

Tgt Ion: 75 Resp: 17738

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.9	38.9
110	3.9	33.1	49.7#

