

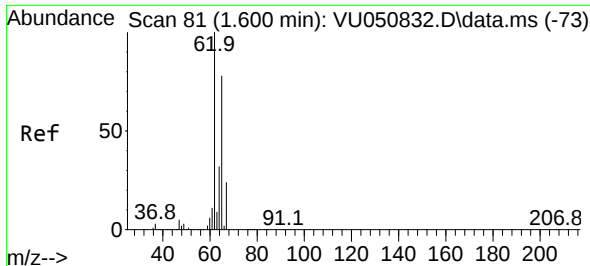
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050839.D
 Acq On : 20 Sep 2022 18:23
 Operator : JC/MD
 Sample : N4651-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ26

Quant Time: Sep 21 02:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	477226	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	462983	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	216288	43.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.480%
7) Chloroethane-d5	1.906	69	167692	47.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	2.565	63	262272	34.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.180%
21) 2-Butanone-d5	4.623	46	327948	102.738	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.740%
24) Chloroform-d	5.063	84	353247	45.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
26) 1,2-Dichloroethane-d4	5.700	65	226428	47.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
32) Benzene-d6	5.726	84	723922	47.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
36) 1,2-Dichloropropane-d6	6.690	67	245595	47.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.420%
41) Toluene-d8	7.899	98	589614	44.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.460%
43) trans-1,3-Dichloroprop...	8.179	79	100300	44.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.580%
47) 2-Hexanone-d5	8.632	63	206123	97.170	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.170%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	352903	44.968	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	195233	51.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.140%
Target Compounds						
5) Vinyl chloride	1.604	62	8593	1.528	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2282	0.584	ug/L #	25
13) Acetone	2.632	43	6067	2.245	ug/L	73
19) 1,1-Dichloroethane	3.867	63	81104	10.674	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	8808	2.113	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	103904	16.869	ug/L	99
34) Trichloroethene	6.546	95	14697	3.713	ug/L	96
39) cis-1,3-Dichloropropene	7.565	75	6145	0.985	ug/L #	48
44) trans-1,3-Dichloropropene	8.176	75	4523	0.762	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	17308	1.645	ug/L	96

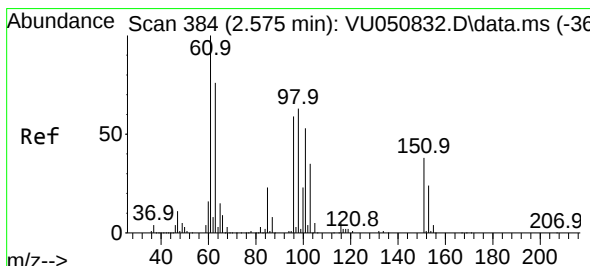
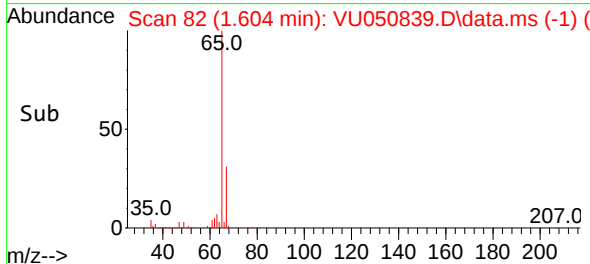
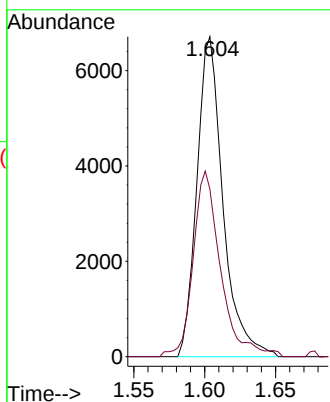
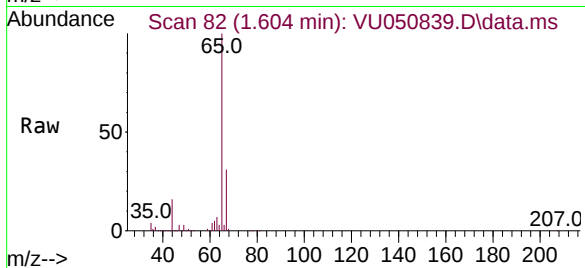
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.528 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050839.D
 Acq: 20 Sep 2022 18:23

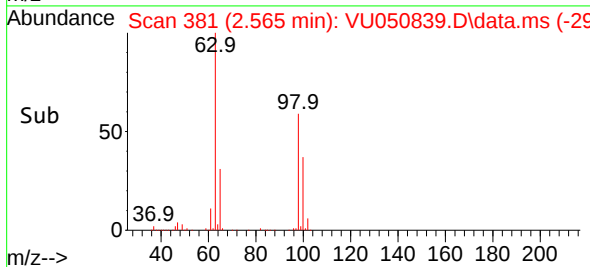
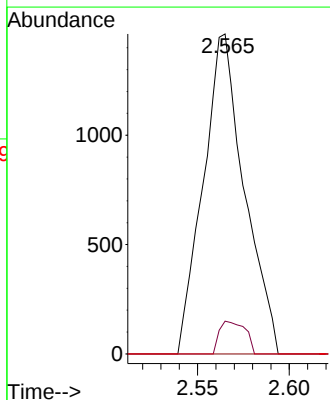
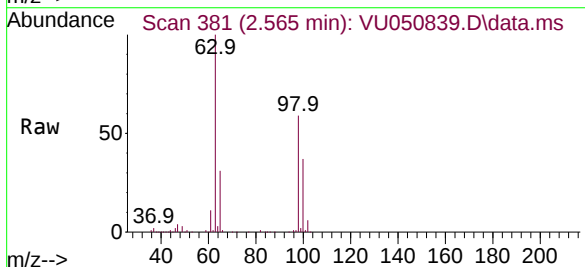
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ26

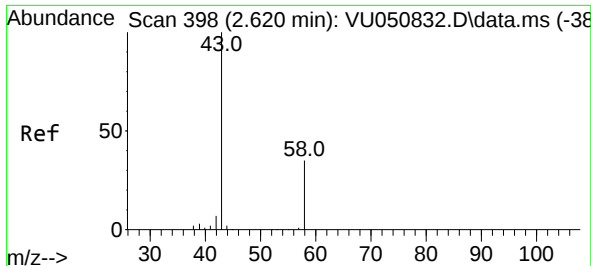
Tgt Ion: 62 Resp: 8593
 Ion Ratio Lower Upper
 62 100
 64 52.4 22.2 41.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.584 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU050839.D
 Acq: 20 Sep 2022 18:23

Tgt Ion: 101 Resp: 2282
 Ion Ratio Lower Upper
 101 100
 85 6.4 35.1 52.7#
 151 0.0 56.6 84.8#





#13

Acetone

Concen: 2.245 ug/L

RT: 2.632 min Scan# 402

Delta R.T. 0.013 min

Lab File: VU050839.D

Acq: 20 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

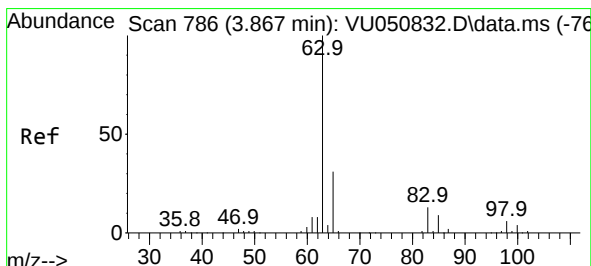
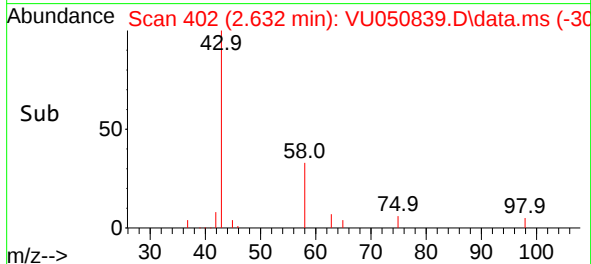
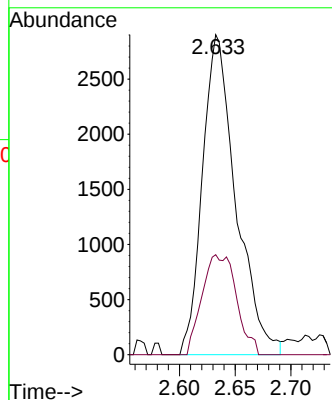
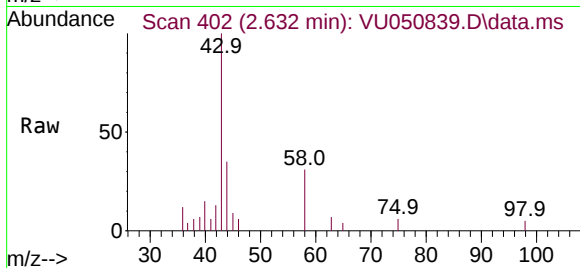
EXZ26

Tgt Ion: 43 Resp: 6067

Ion Ratio Lower Upper

43 100

58 19.8 0.0 71.4



#19

1,1-Dichloroethane

Concen: 10.674 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050839.D

Acq: 20 Sep 2022 18:23

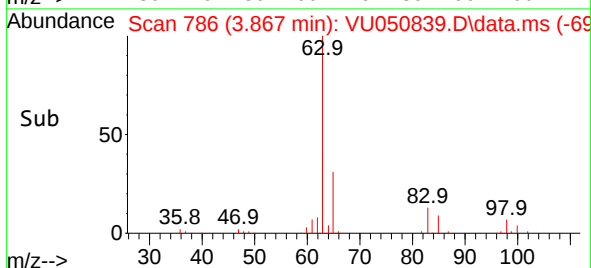
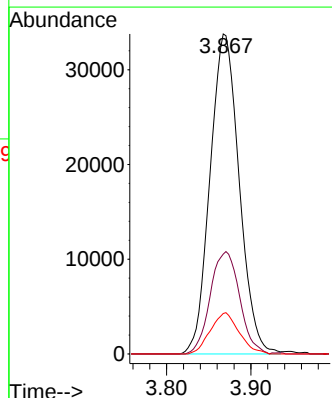
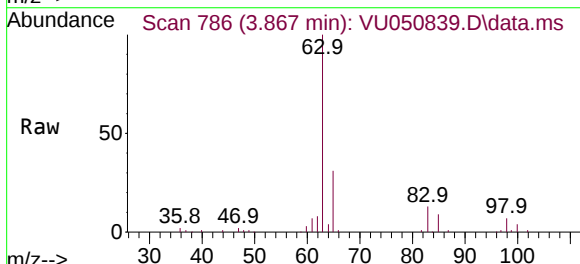
Tgt Ion: 63 Resp: 81104

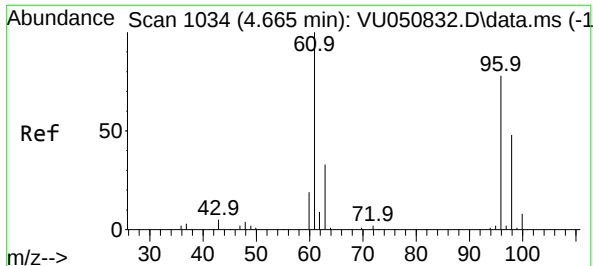
Ion Ratio Lower Upper

63 100

65 31.2 21.5 39.9

83 13.0 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 2.113 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU050839.D

Acq: 20 Sep 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

EXZ26

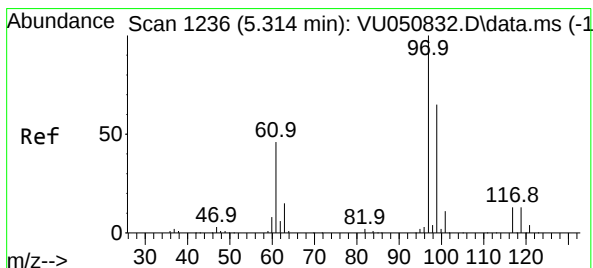
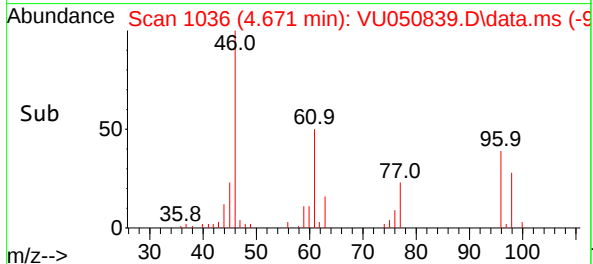
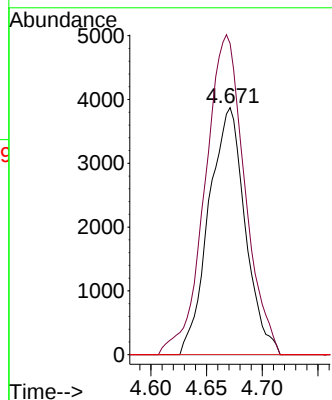
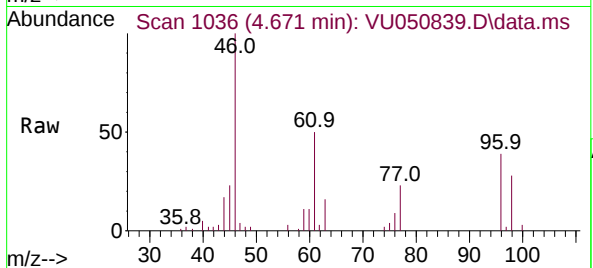
Tgt Ion: 96 Resp: 8808

Ion Ratio Lower Upper

96 100

61 125.9 90.1 167.3

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 16.869 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050839.D

Acq: 20 Sep 2022 18:23

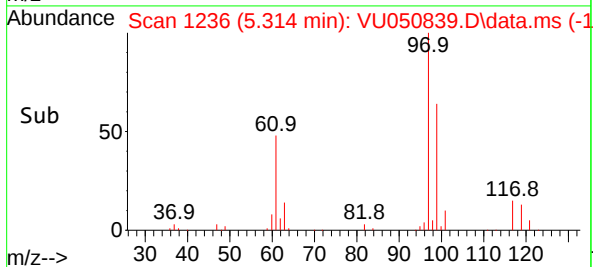
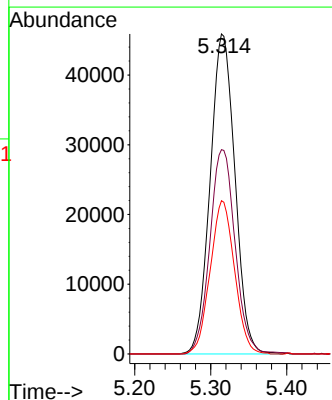
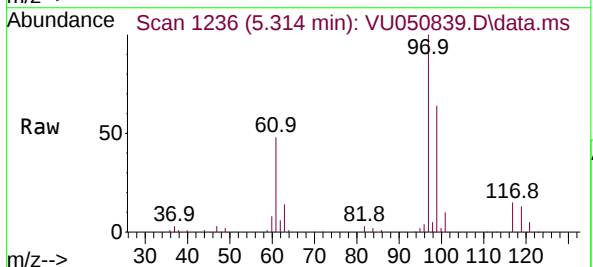
Tgt Ion: 97 Resp: 103904

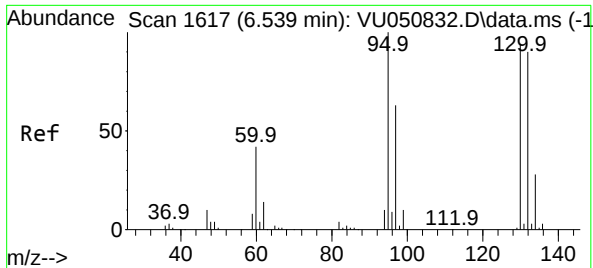
Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.2

61 47.1 37.1 55.7



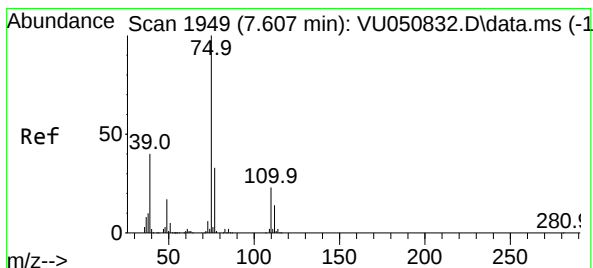
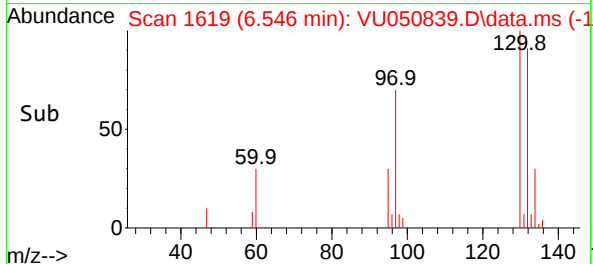
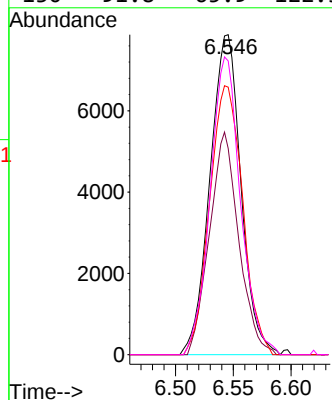
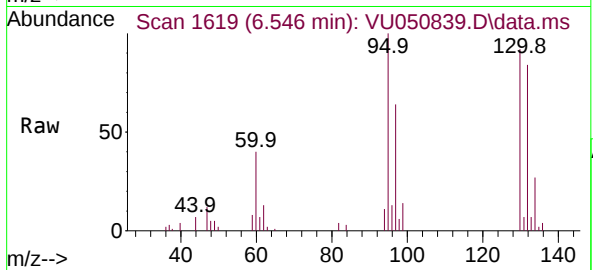


#34
Trichloroethene
Concen: 3.713 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050839.D
Acq: 20 Sep 2022 18:23

Instrument :
MSVOA_U
ClientSampleId :
EXZ26

Tgt Ion: 95 Resp: 14697

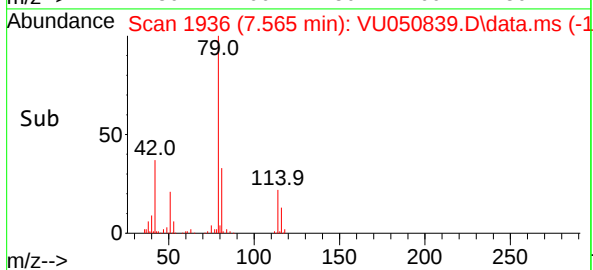
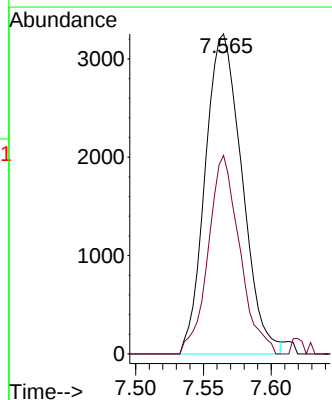
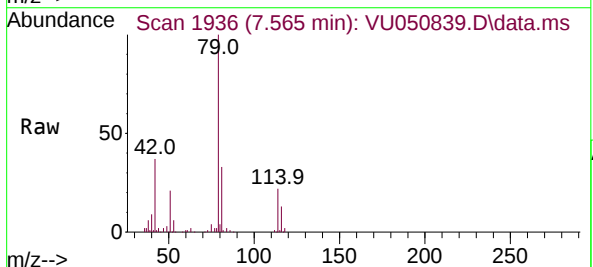
Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.9	81.5
132	83.6	63.1	117.1
130	91.8	65.9	122.3

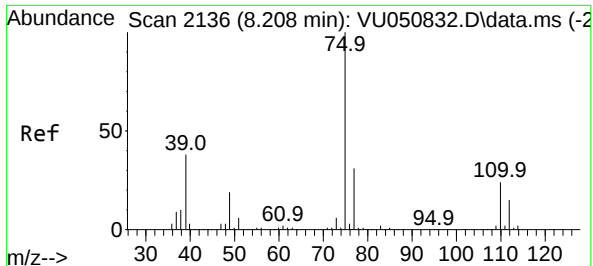


#39
cis-1,3-Dichloropropene
Concen: 0.985 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050839.D
Acq: 20 Sep 2022 18:23

Tgt Ion: 75 Resp: 6145

Ion	Ratio	Lower	Upper
75	100		
77	62.0	22.8	42.4#

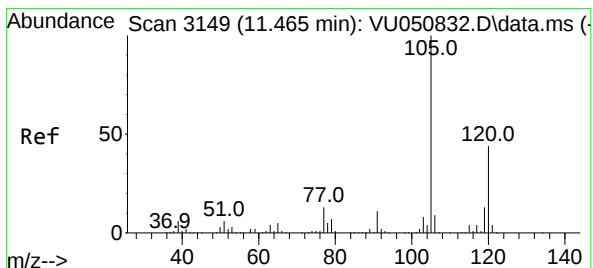
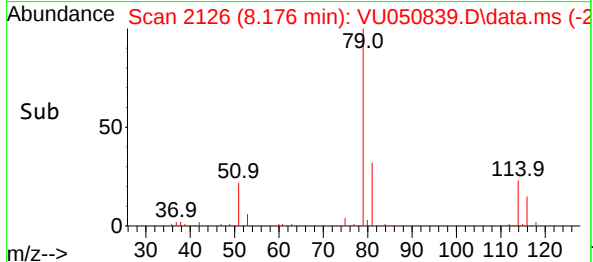
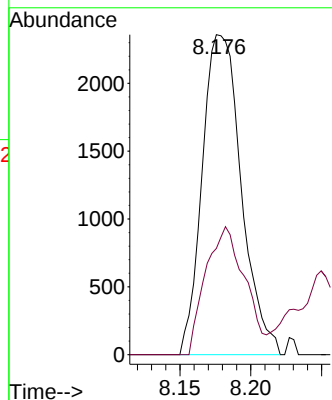
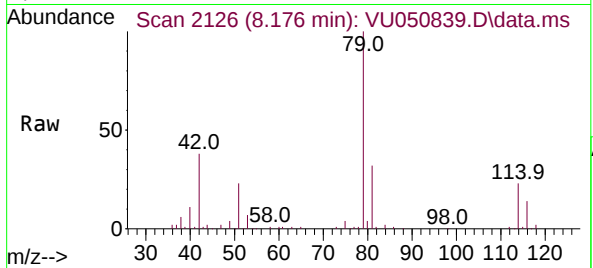




#44
trans-1,3-Dichloropropene
Concen: 0.762 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU050839.D
Acq: 20 Sep 2022 18:23

Instrument :
MSVOA_U
ClientSampleId :
EXZ26

Tgt Ion: 75 Resp: 4523
Ion Ratio Lower Upper
75 100
77 33.2 21.9 40.7



#63
1,2,4-Trimethylbenzene
Concen: 1.645 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU050839.D
Acq: 20 Sep 2022 18:23

Tgt Ion: 105 Resp: 17308
Ion Ratio Lower Upper
105 100
120 46.5 34.9 52.3

