

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050945.D
 Acq On : 26 Sep 2022 14:32
 Operator : JC/MD
 Sample : N4747-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A7

Quant Time: Sep 26 20:55:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

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

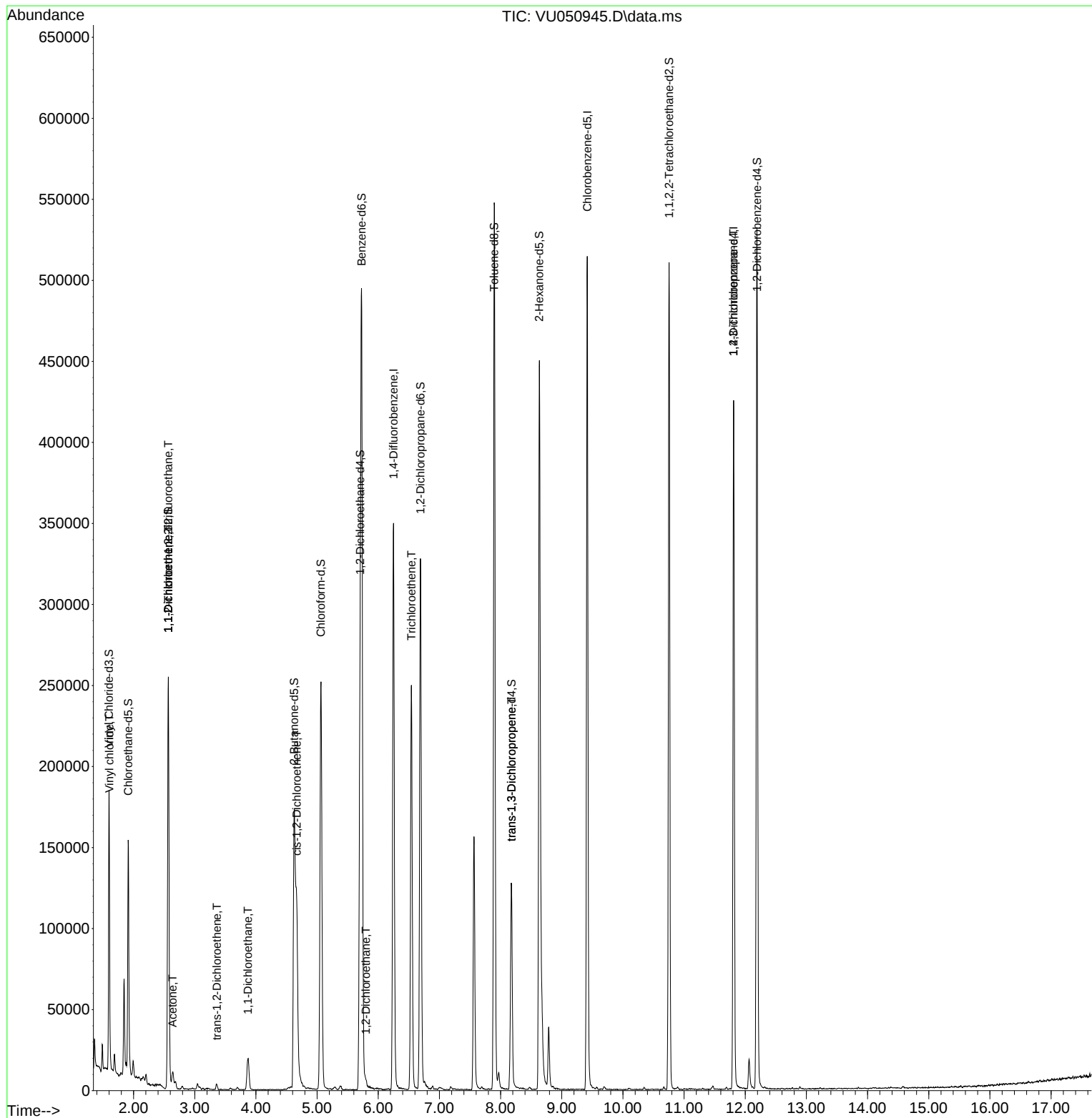
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	274261	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	280262	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111445	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	113812	40.053	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.100%
7) Chloroethane-d5	1.912	69	103590	51.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.380%
11) 1,1-Dichloroethene-d2	2.568	63	149391	33.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.580%
21) 2-Butanone-d5	4.626	46	264901	144.401	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	144.400%#
24) Chloroform-d	5.063	84	238054	53.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
26) 1,2-Dichloroethane-d4	5.703	65	155227	56.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.120%
32) Benzene-d6	5.729	84	451655	48.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.860%
36) 1,2-Dichloropropane-d6	6.690	67	160985	51.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.320%
41) Toluene-d8	7.896	98	371668	46.060	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.120%
43) trans-1,3-Dichloroprop...	8.179	79	65538	48.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
47) 2-Hexanone-d5	8.632	63	137445	107.037	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.040%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	257398	54.182	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.360%
66) 1,2-Dichlorobenzene-d4	12.192	152	137176	58.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.580%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3738	1.157	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	889	0.396	ug/L #	26
12) 1,1-Dichloroethene	2.568	96	1181	0.560	ug/L #	1
13) Acetone	2.639	43	14751	9.496	ug/L	96
17) trans-1,2-Dichloroethene	3.362	96	1134	0.525	ug/L	70
19) 1,1-Dichloroethane	3.870	63	23089	5.288	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	47995	20.030	ug/L	97
27) 1,2-Dichloroethane	5.796	62	2716	0.821	ug/L	97
34) Trichloroethene	6.542	95	86367	36.049	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	2944	0.819	ug/L #	68
60) 1,2,3-Trichloropropane	11.809	75	13748	4.386	ug/L #	57

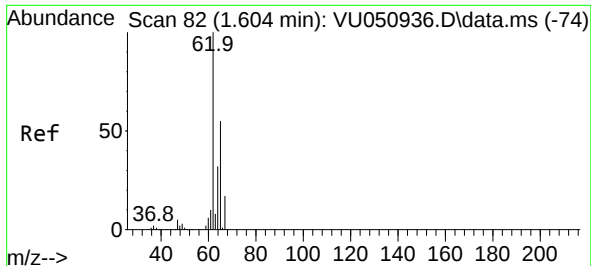
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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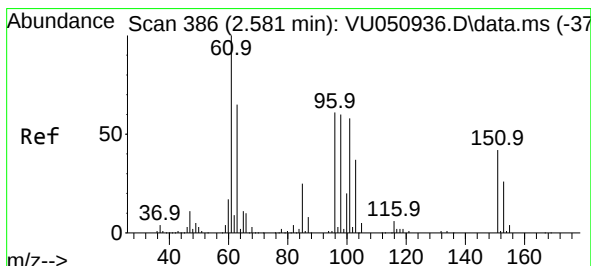
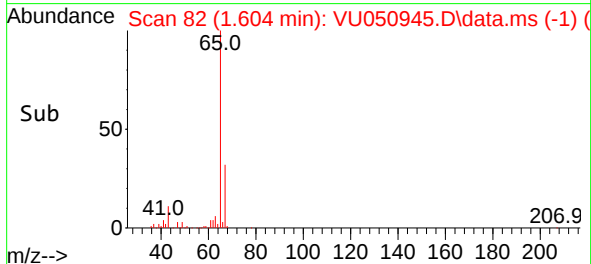
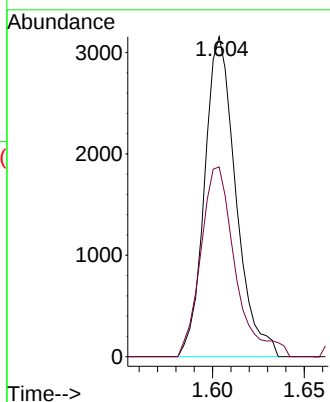
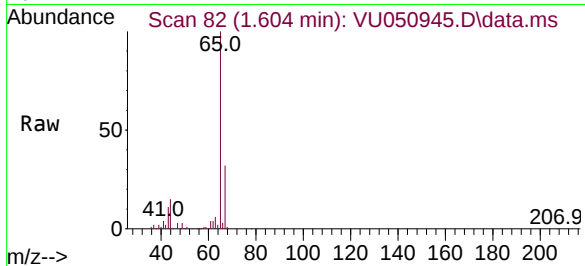




#5
 Vinyl chloride
 Concen: 1.157 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050945.D
 Acq: 26 Sep 2022 14:32

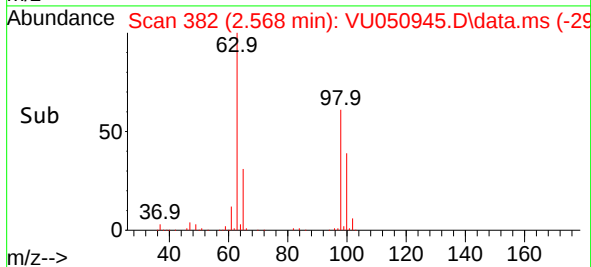
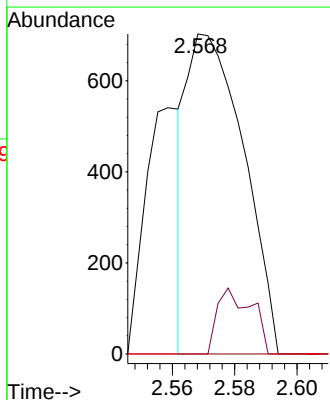
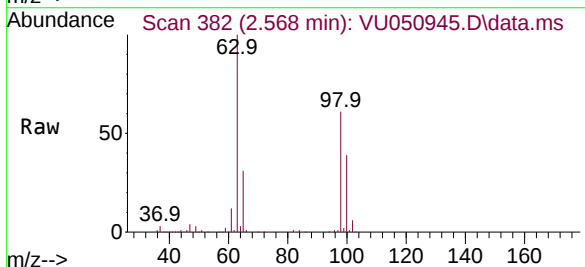
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A7

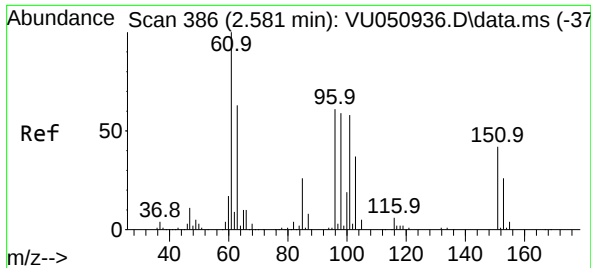
Tgt Ion: 62 Resp: 3738
 Ion Ratio Lower Upper
 62 100
 64 59.3 22.2 41.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.396 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU050945.D
 Acq: 26 Sep 2022 14:32

Tgt Ion: 101 Resp: 889
 Ion Ratio Lower Upper
 101 100
 85 7.8 35.1 52.7#
 151 0.0 56.6 84.8#

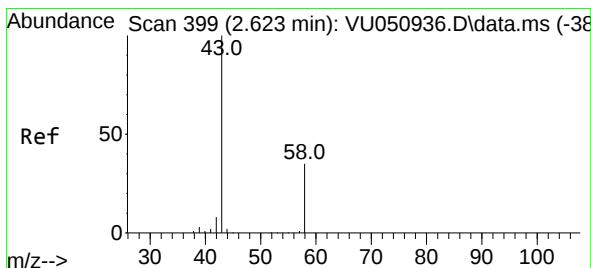
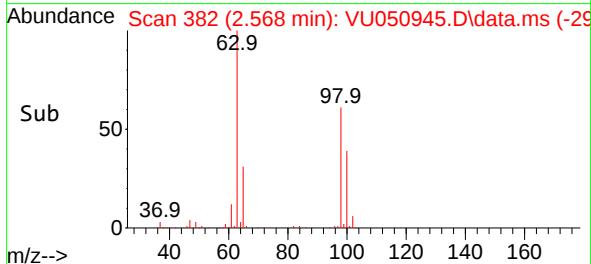
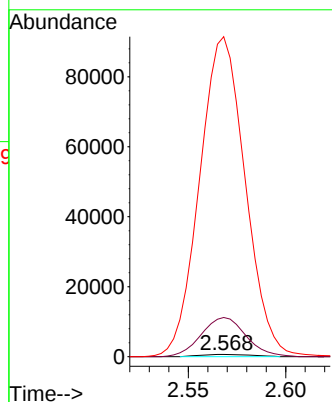
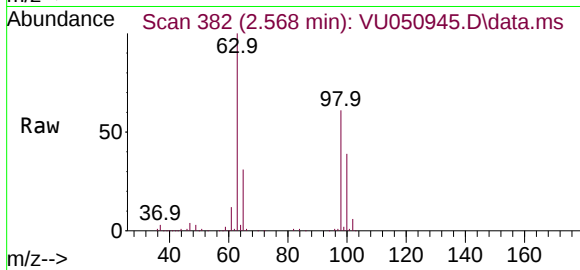




#12
1,1-Dichloroethene
Concen: 0.560 ug/L
RT: 2.568 min Scan# 311
Delta R.T. -0.013 min
Lab File: VU050945.D
Acq: 26 Sep 2022 14:32

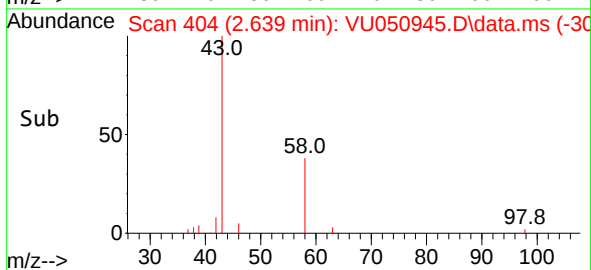
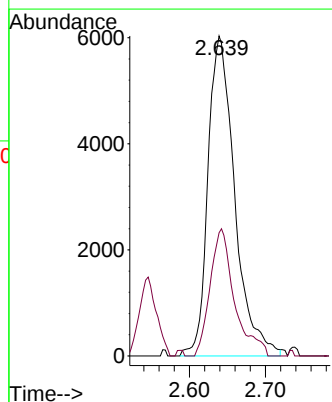
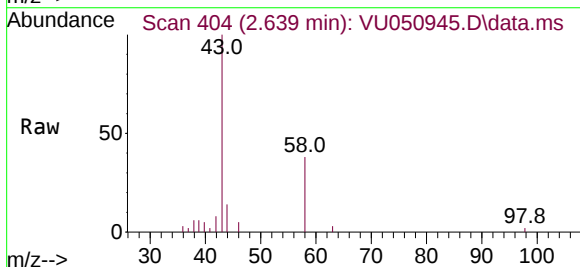
Instrument :
MSVOA_U
ClientSampleId :
E45A7

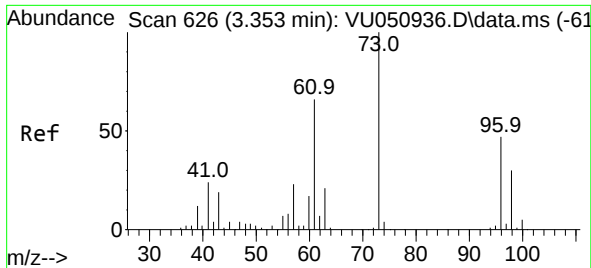
Tgt Ion: 96 Resp: 1181
Ion Ratio Lower Upper
96 100
61 1767.8 118.6 220.2#
63 14425.2 90.4 168.0#



#13
Acetone
Concen: 9.496 ug/L
RT: 2.639 min Scan# 404
Delta R.T. 0.016 min
Lab File: VU050945.D
Acq: 26 Sep 2022 14:32

Tgt Ion: 43 Resp: 14751
Ion Ratio Lower Upper
43 100
58 33.4 0.0 71.4

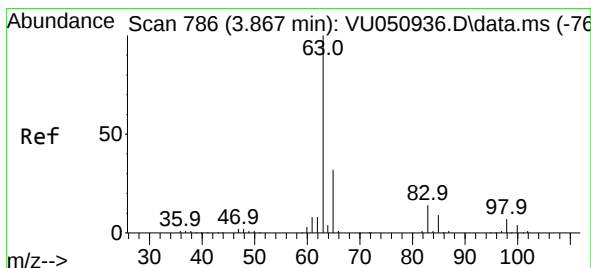
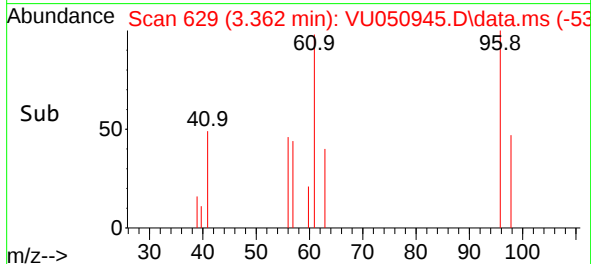
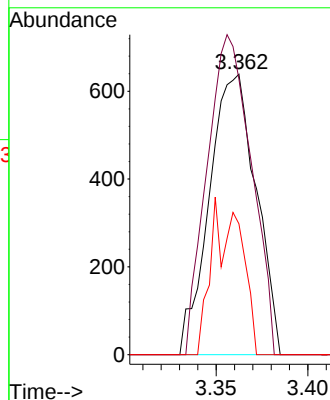
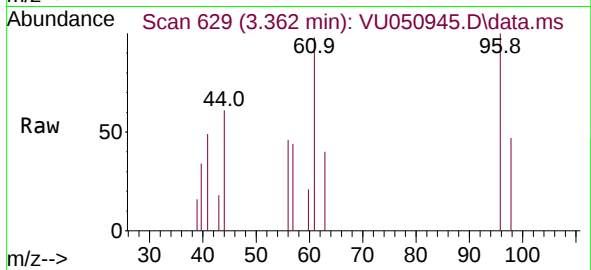




#17
trans-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.009 min
Lab File: VU050945.D
Acq: 26 Sep 2022 14:32

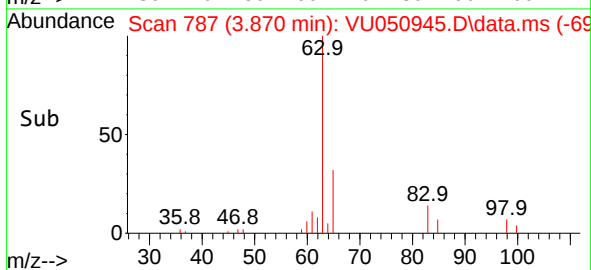
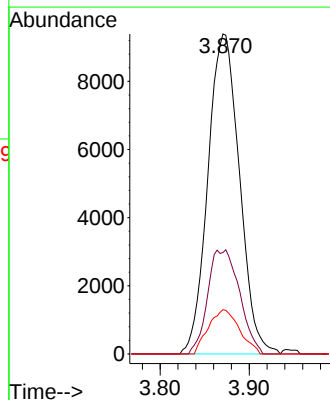
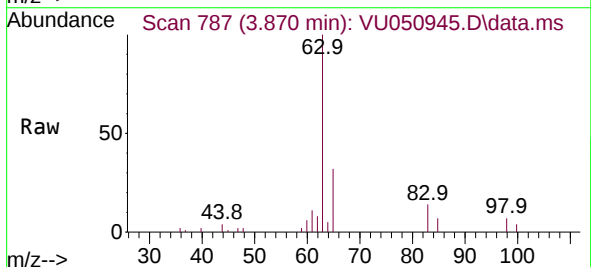
Instrument :
MSVOA_U
ClientSampleId :
E45A7

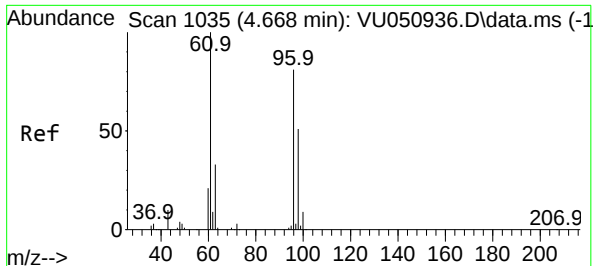
Tgt Ion: 96	Resp:	1134	
Ion	Ratio	Lower	Upper
96	100		
61	98.3	98.0	182.0
98	46.6	44.3	82.3



#19
1,1-Dichloroethane
Concen: 5.288 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU050945.D
Acq: 26 Sep 2022 14:32

Tgt Ion: 63	Resp: 23089
Ion Ratio	Lower Upper
63 100	
65 31.7	21.5 39.9
83 13.9	9.3 17.3

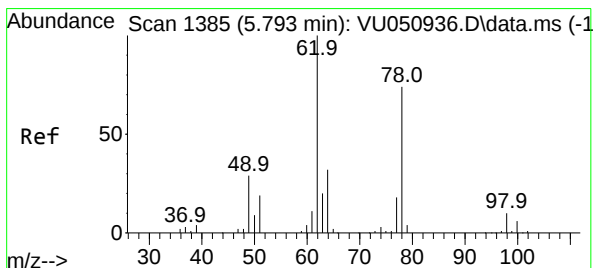
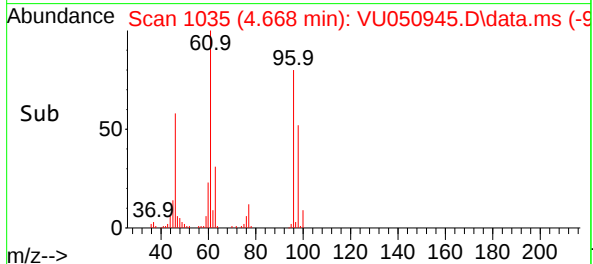
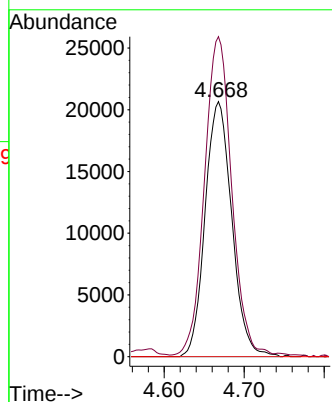
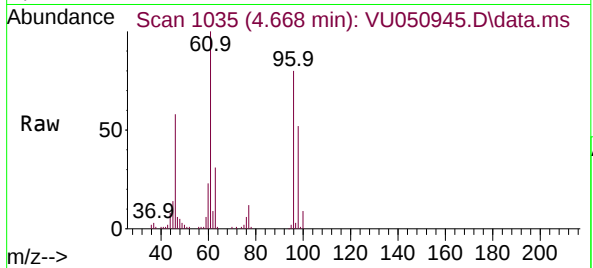




#20
 cis-1,2-Dichloroethene
 Concen: 20.030 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050945.D
 Acq: 26 Sep 2022 14:32

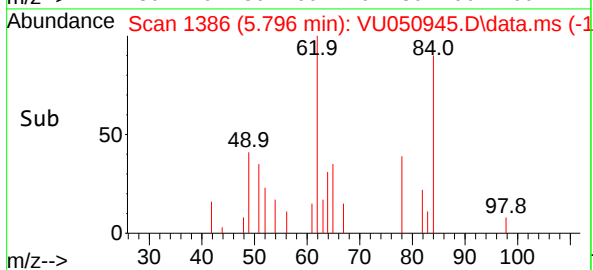
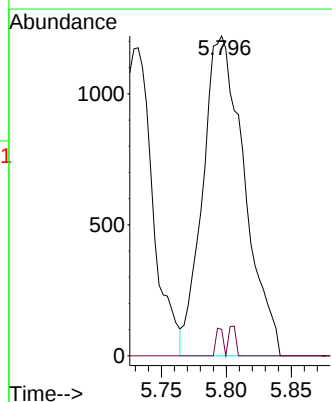
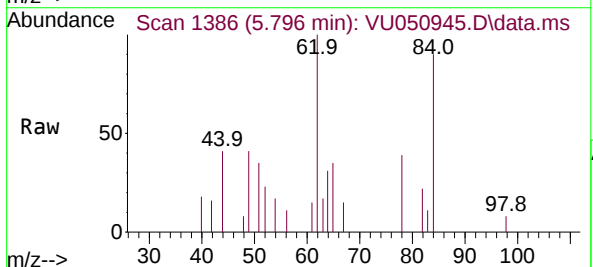
Instrument :
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 ClientSampleId :
 E45A7

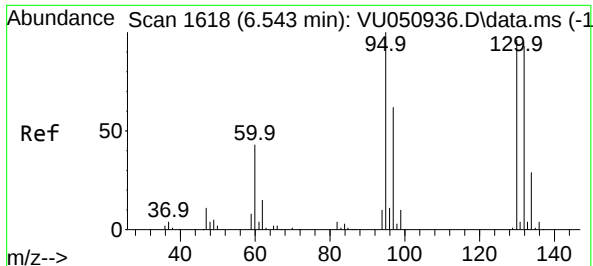
Tgt Ion: 96 Resp: 47995
 Ion Ratio Lower Upper
 96 100
 61 125.4 90.1 167.3
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.821 ug/L
 RT: 5.796 min Scan# 1386
 Delta R.T. 0.003 min
 Lab File: VU050945.D
 Acq: 26 Sep 2022 14:32

Tgt Ion: 62 Resp: 2716
 Ion Ratio Lower Upper
 62 100
 98 8.3 7.4 11.0





#34

Trichloroethene

Concen: 36.049 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050945.D

Acq: 26 Sep 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

E45A7

Tgt Ion: 95 Resp: 86367

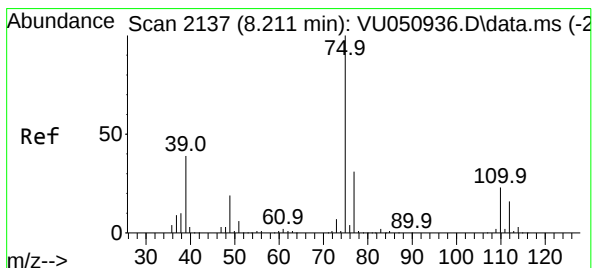
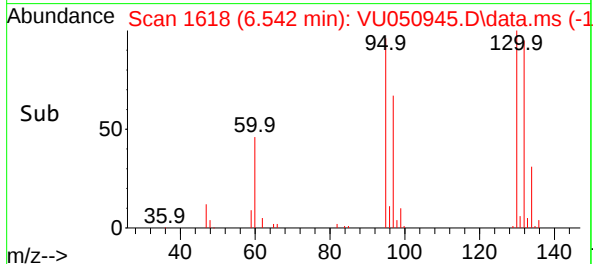
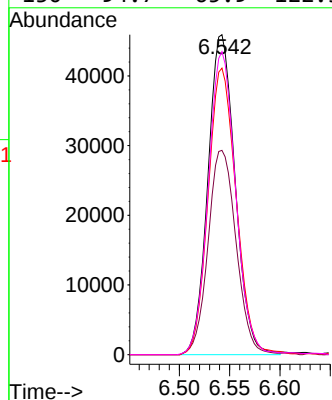
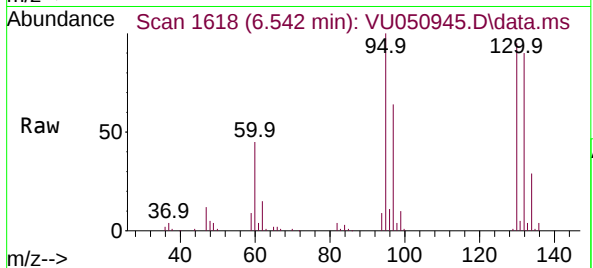
Ion Ratio Lower Upper

95 100

97 63.9 43.9 81.5

132 89.5 63.1 117.1

130 94.7 65.9 122.3



#44

trans-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050945.D

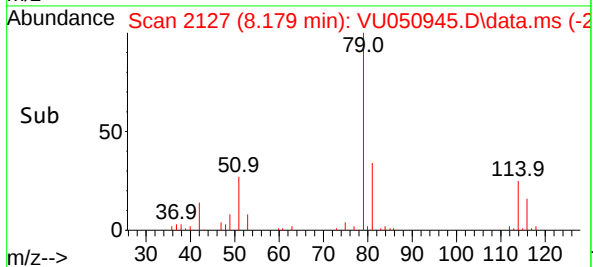
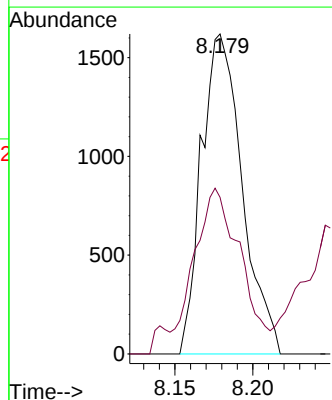
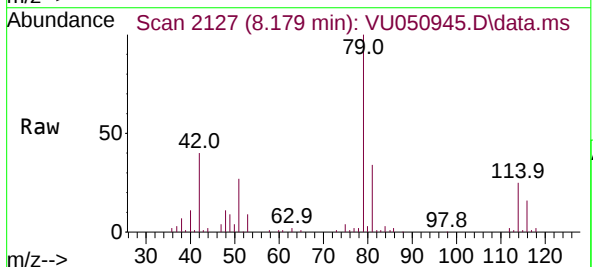
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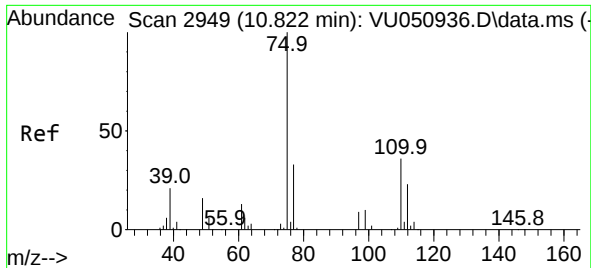
Tgt Ion: 75 Resp: 2944

Ion Ratio Lower Upper

75 100

77 49.0 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 4.386 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050945.D
 Acq: 26 Sep 2022 14:32

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 13748
 Ion Ratio Lower Upper
 75 100
 77 18.1 26.2 39.4#
 110 1.3 28.6 43.0#

