

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043919.D
 Acq On : 24 May 2021 19:37
 Operator : SY/MD
 Sample : M2494-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB416

Quant Time: May 25 04:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	169904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	174553	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74909	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61529	6.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.20%#
7) Chloroethane-d5	1.922	69	44135	6.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.40%
11) 1,1-Dichloroethene-d2	2.575	65	28436	6.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.60%
20) 2-Butanone-d5	4.674	46	125223	41.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.52%
24) Chloroform-d	5.073	84	126081	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.713	65	66230	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.735	84	255814	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.700	67	82123	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.40%
41) Toluene-d8	7.906	98	211441	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloroprop...	8.189	79	28942	5.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.40%
46) 2-Hexanone-d5	8.652	63	136332	57.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.56%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74770	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	87151	6.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.00%#

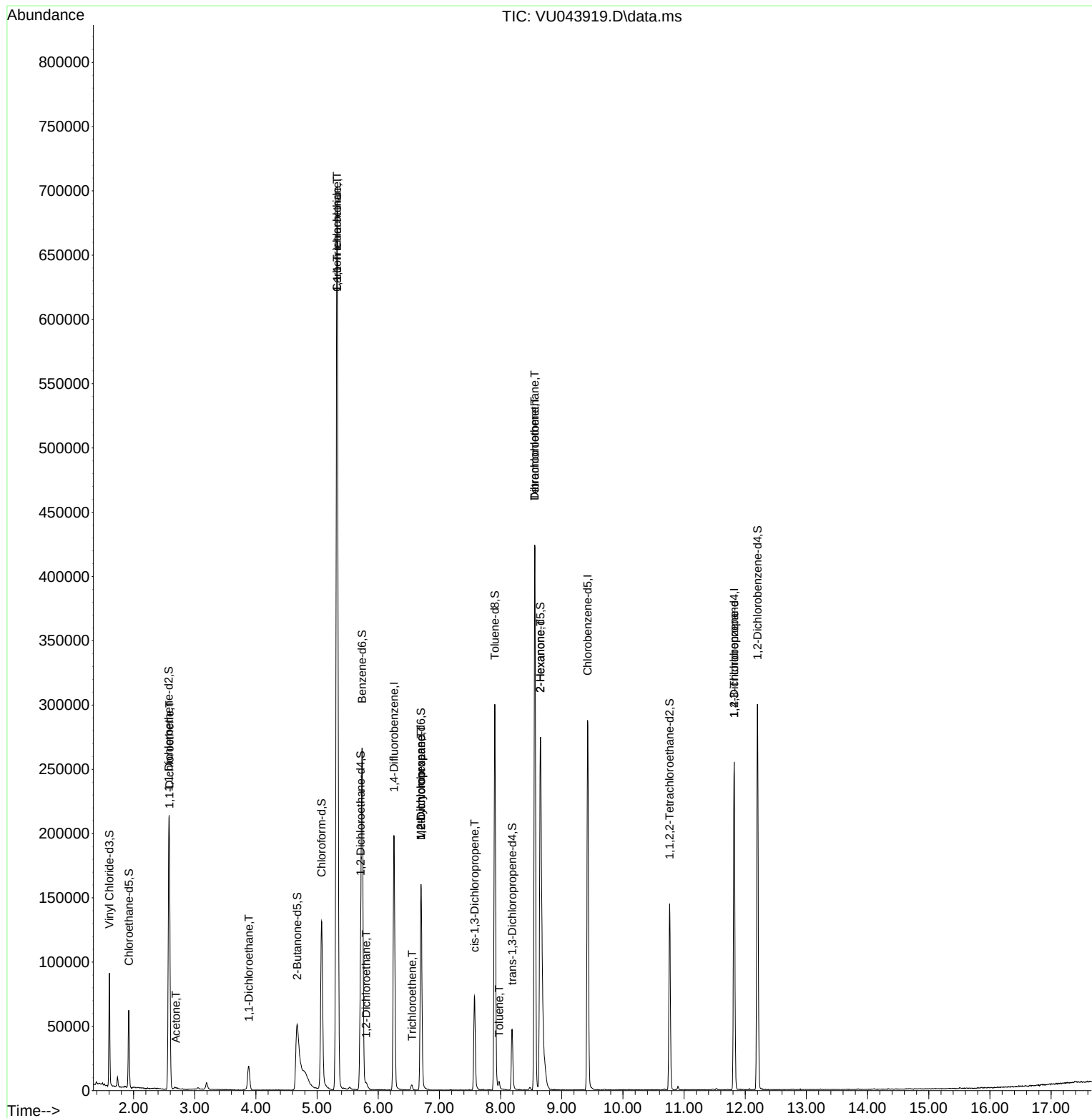
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	40047	3.65	ug/L #	71
13) Acetone	2.691	43	2021	1.28	ug/L	85
19) 1,1-Dichloroethane	3.883	63	21992	1.12	ug/L	96
27) 1,2-Dichloroethane	5.800	62	1923	0.15	ug/L #	72
29) 1,1,1-Trichloroethane	5.327	97	509292	28.17	ug/L	99
31) Carbon tetrachloride	5.327	117	71855	4.64	ug/L	100
34) Trichloroethene	6.552	95	1281	0.10	ug/L	89
35) Methylcyclohexane	6.700	83	19204	1.07	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8149	0.65	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	1851	0.11	ug/L #	63
42) Toluene	7.976	91	4328	0.09	ug/L	98
47) Tetrachloroethene	8.558	164	102914	9.72	ug/L	98
48) 2-Hexanone	8.652	43	21827	4.15	ug/L #	58
49) Dibromochloromethane	8.558	129	92207	8.32	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	7614	1.11	ug/L #	66

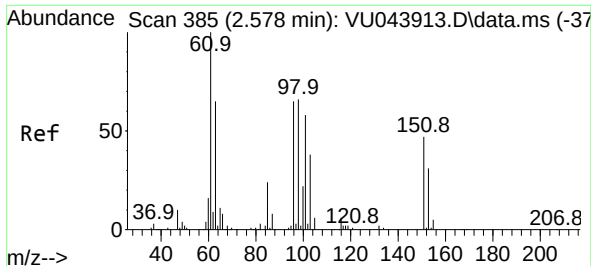
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043919.D
Acq On : 24 May 2021 19:37
Operator : SY/MD
Sample : M2494-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB416

Quant Time: May 25 04:13:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 04:12:21 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.65 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.010 min

Lab File: VU043919.D

Acq: 24 May 2021 19:37

Tgt Ion: 96 Resp: 40047

Ion Ratio Lower Upper

96 100

61 156.7 105.1 195.3

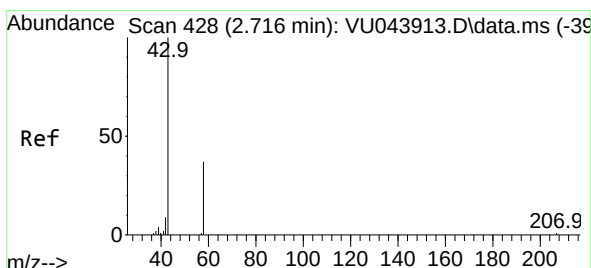
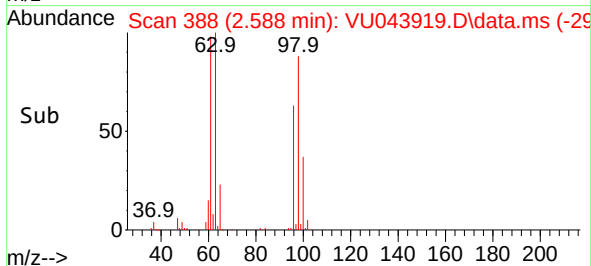
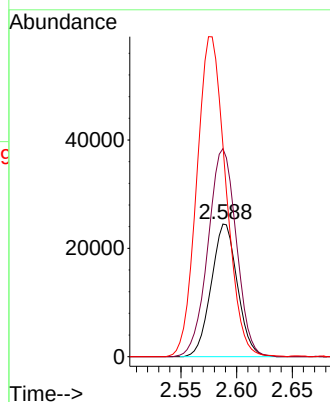
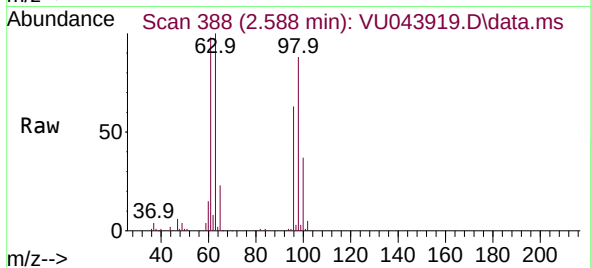
63 159.6 66.6 123.6#

Instrument :

MSVOA_U

ClientSampleId :

GB416



#13

Acetone

Concen: 1.28 ug/L

RT: 2.691 min Scan# 420

Delta R.T. -0.026 min

Lab File: VU043919.D

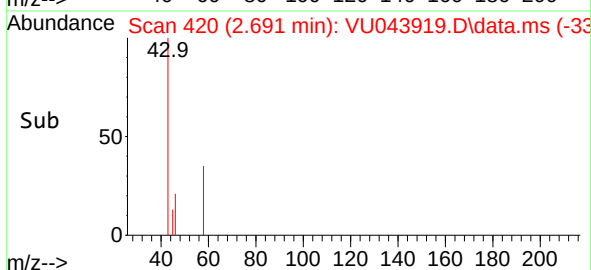
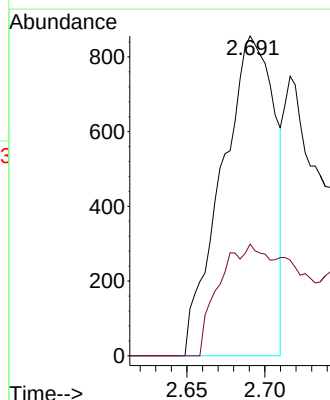
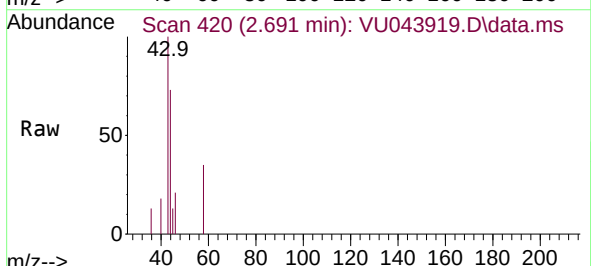
Acq: 24 May 2021 19:37

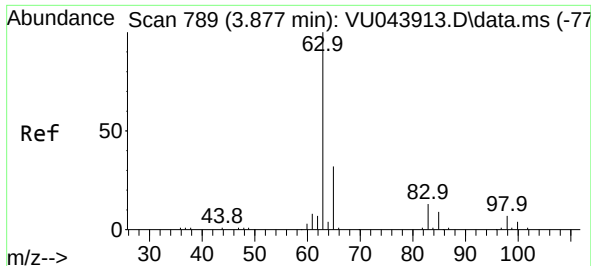
Tgt Ion: 43 Resp: 2021

Ion Ratio Lower Upper

43 100

58 15.8 0.0 46.2





#19

1,1-Dichloroethane

Concen: 1.12 ug/L

RT: 3.883 min Scan# 791

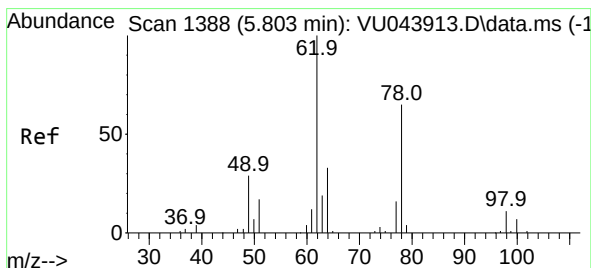
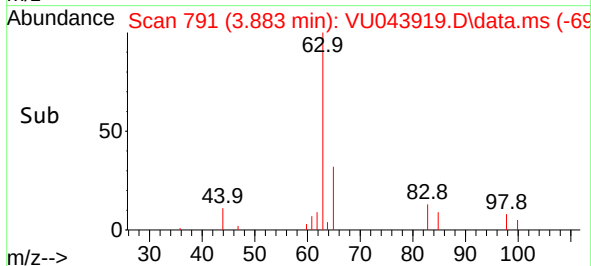
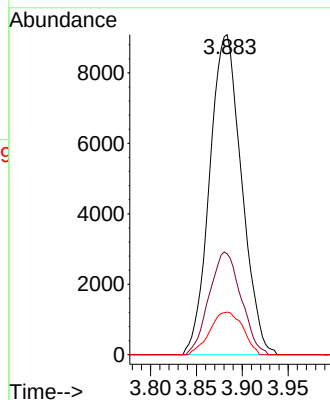
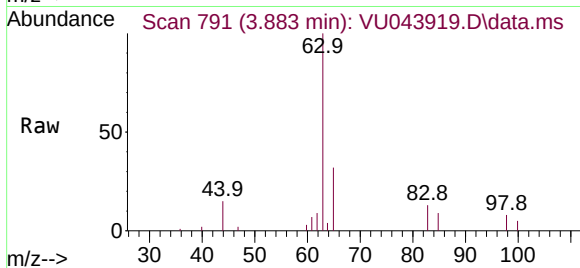
Delta R.T. 0.006 min

Lab File: VU043919.D

Acq: 24 May 2021 19:37

Tgt Ion:	63	Resp:	21992
Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.2	43.2
83	12.8	9.7	18.1

Instrument :
MSVOA_U
ClientSampleId :
GB416



#27

1,2-Dichloroethane

Concen: 0.15 ug/L

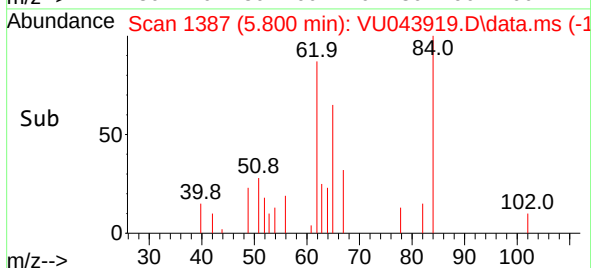
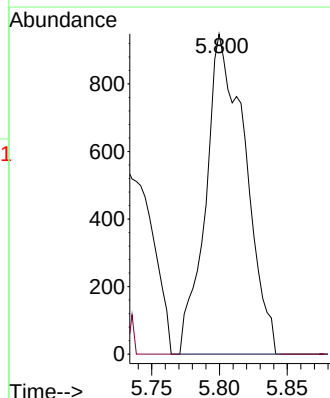
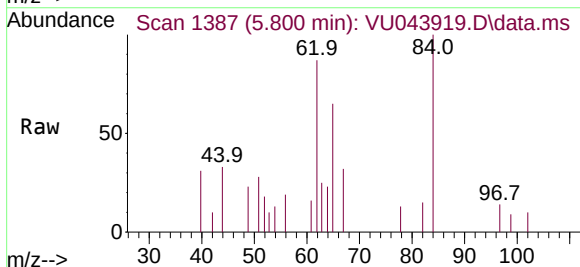
RT: 5.800 min Scan# 1387

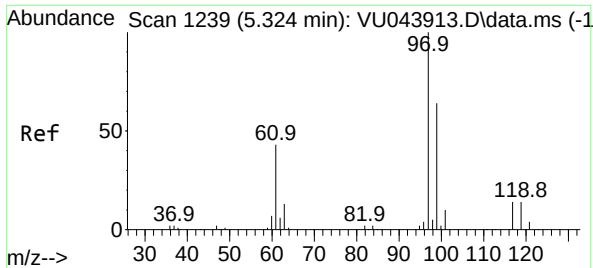
Delta R.T. -0.003 min

Lab File: VU043919.D

Acq: 24 May 2021 19:37

Tgt Ion:	62	Resp:	1923
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.3	12.5#

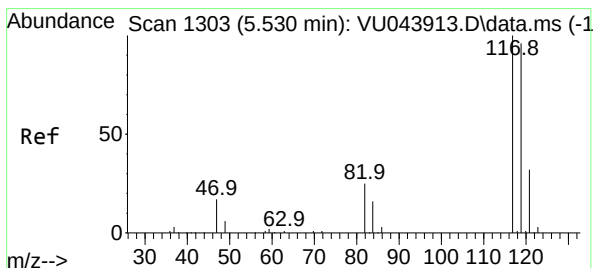
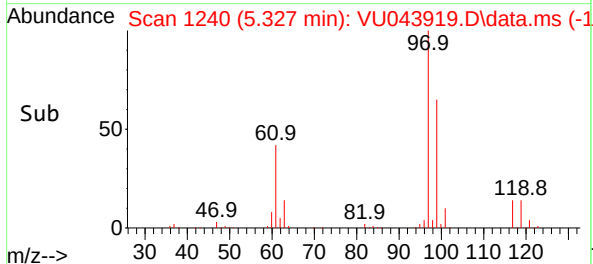
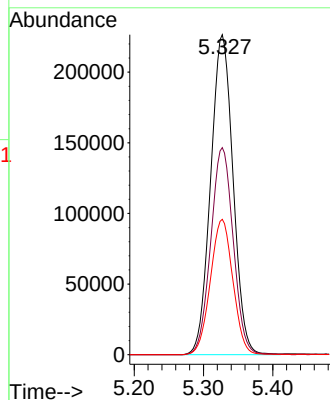
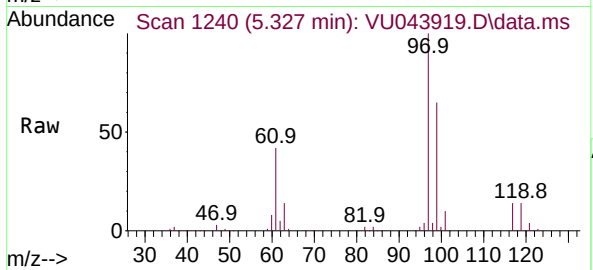




#29
1,1,1-Trichloroethane
Concen: 28.17 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

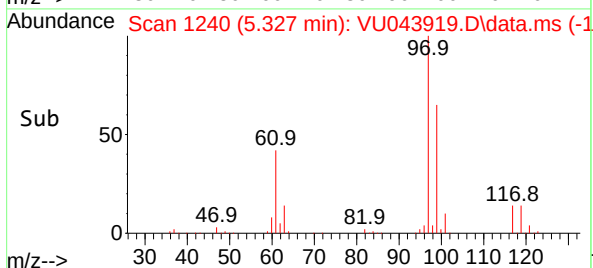
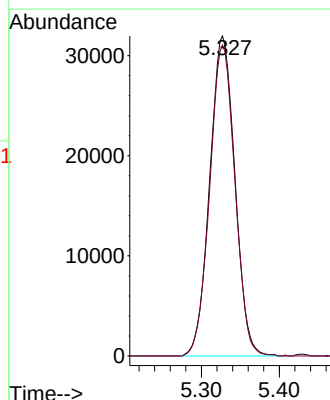
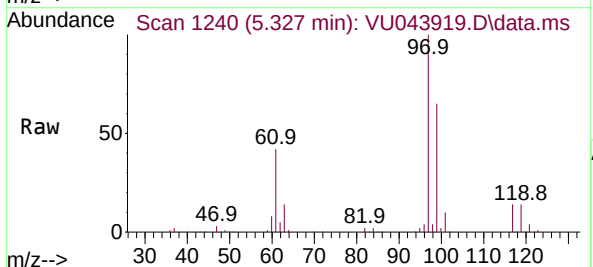
Instrument :
MSVOA_U
ClientSampleId :
GB416

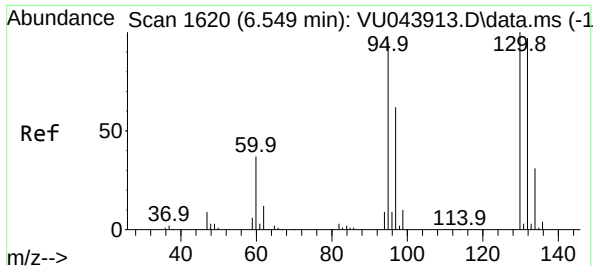
Tgt Ion: 97 Resp: 509292
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 42.5 34.7 52.1



#31
Carbon tetrachloride
Concen: 4.64 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.203 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

Tgt Ion: 117 Resp: 71855
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0



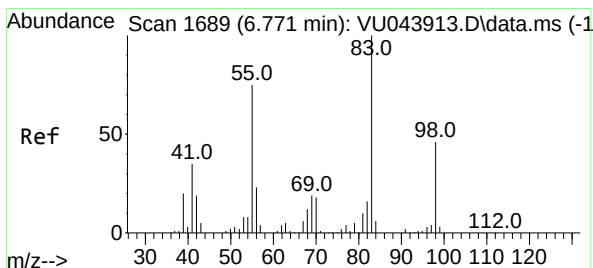
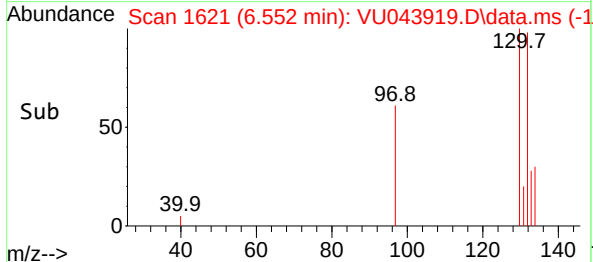
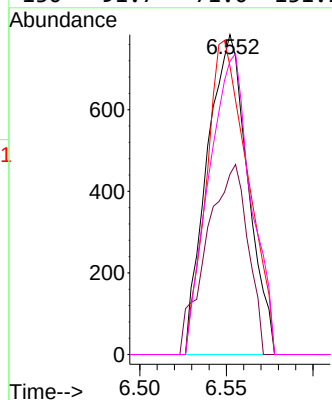
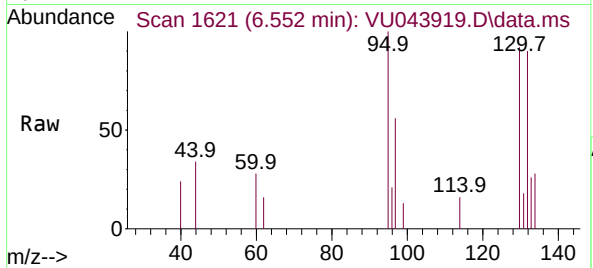


#34
Trichloroethene
Concen: 0.10 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB416

Tgt Ion: 95 Resp: 1281

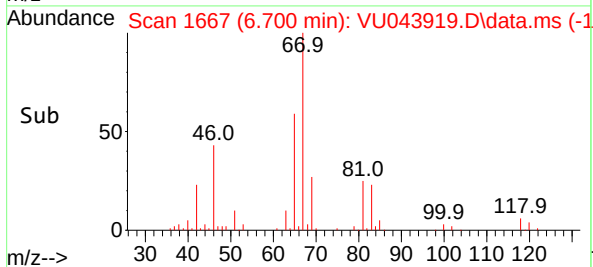
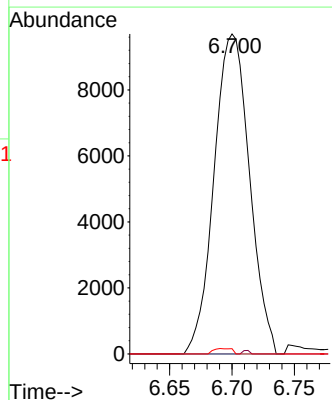
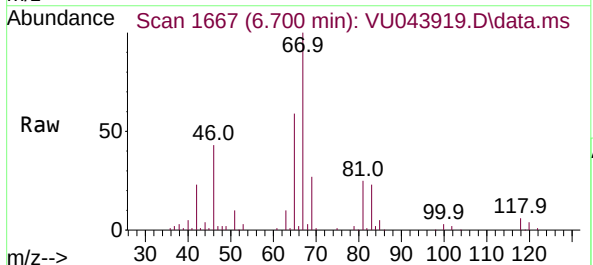
Ion	Ratio	Lower	Upper
95	100		
97	56.4	45.5	84.5
132	90.2	70.9	131.7
130	91.7	71.0	131.9

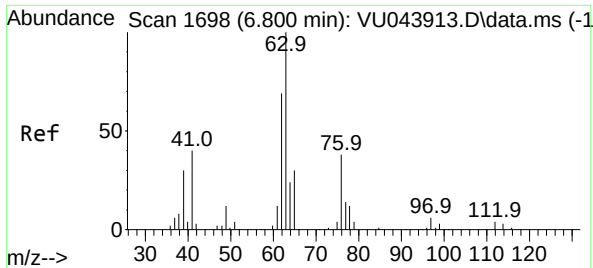


#35
Methylcyclohexane
Concen: 1.07 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

Tgt Ion: 83 Resp: 19204

Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.2	91.8#
98	0.9	37.0	55.4#



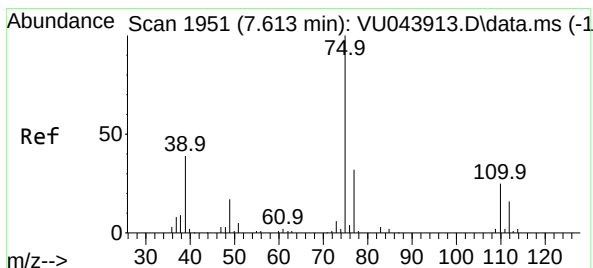
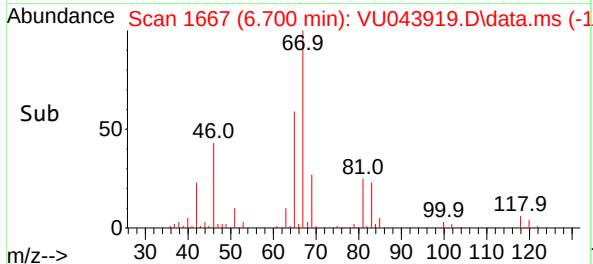
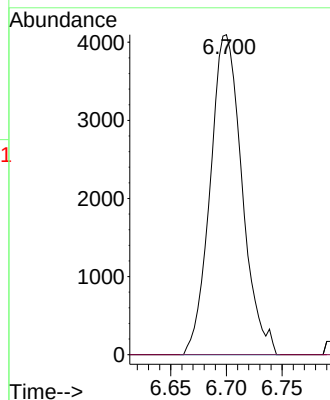
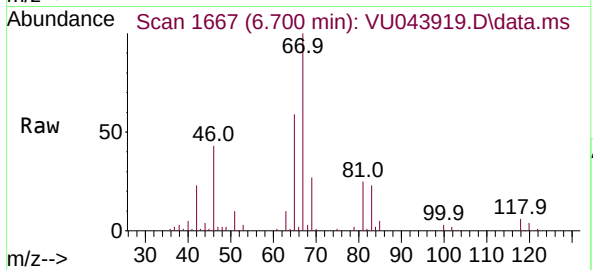


#37

1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB416

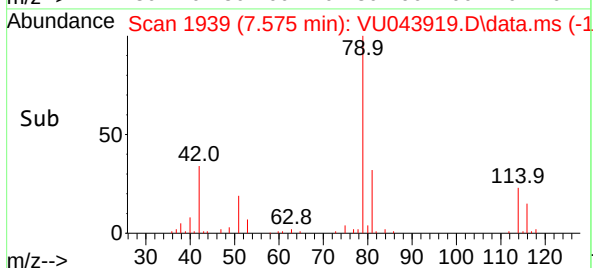
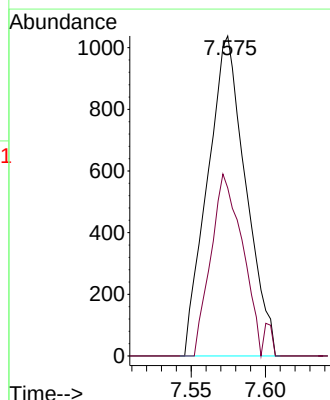
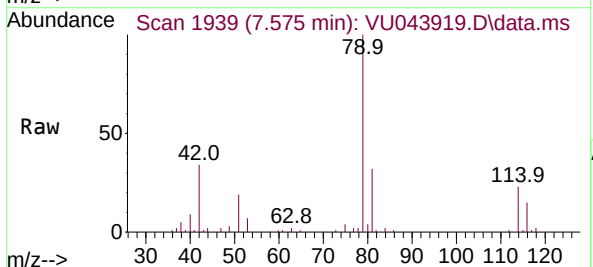
Tgt Ion: 63 Resp: 8149
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

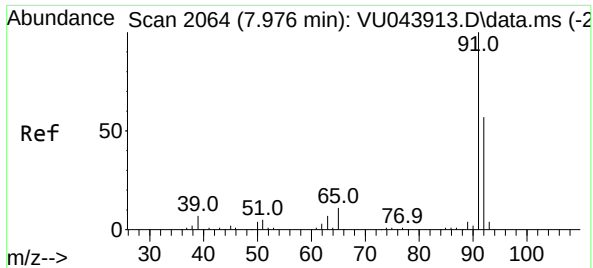


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

Tgt Ion: 75 Resp: 1851
Ion Ratio Lower Upper
75 100
77 52.5 22.3 41.3#

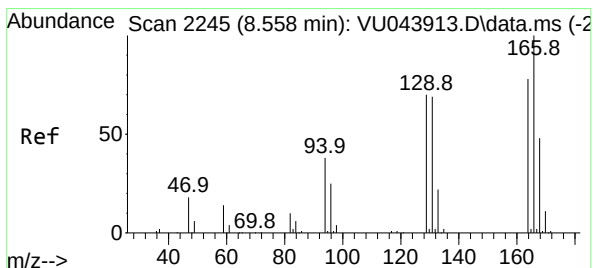
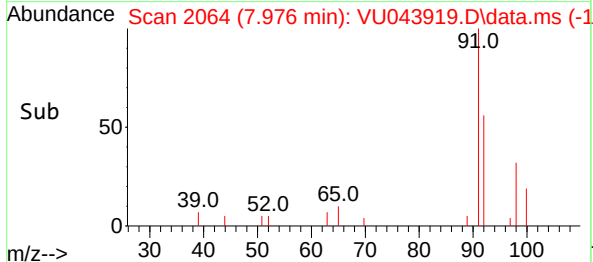
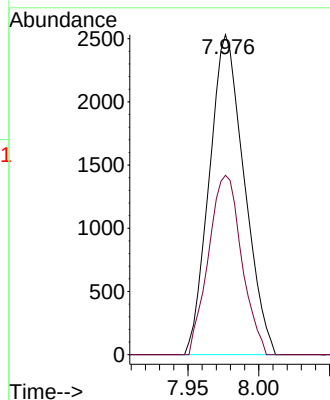
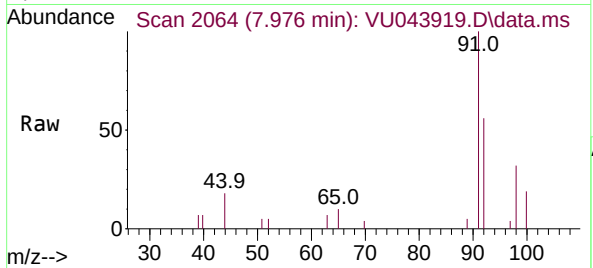




#42
Toluene
Concen: 0.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

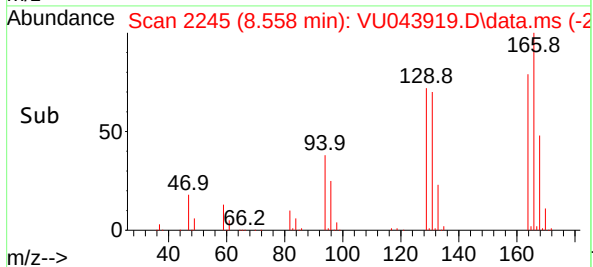
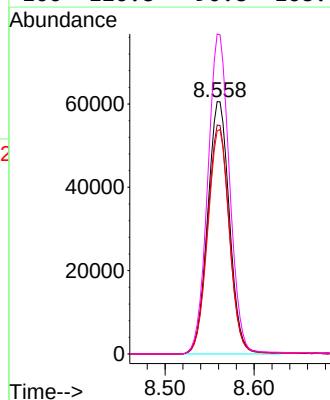
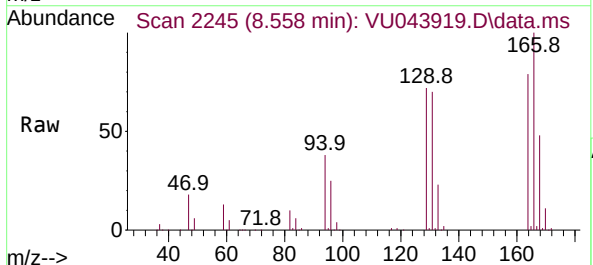
Instrument :
MSVOA_U
ClientSampleId :
GB416

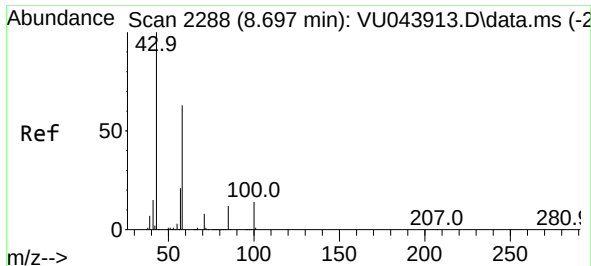
Tgt Ion: 91 Resp: 4328
Ion Ratio Lower Upper
91 100
92 56.0 40.5 75.1



#47
Tetrachloroethene
Concen: 9.72 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

Tgt Ion: 164 Resp: 102914
Ion Ratio Lower Upper
164 100
129 90.7 64.1 119.1
131 88.4 64.5 119.9
166 126.8 90.8 168.6

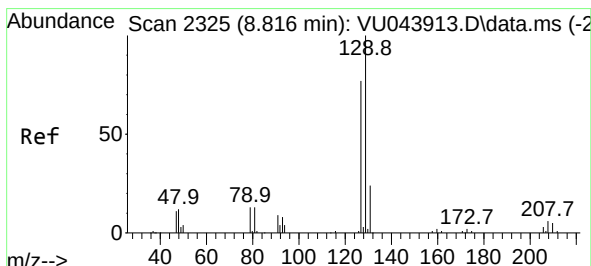
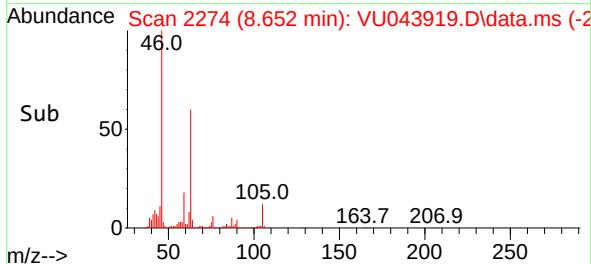
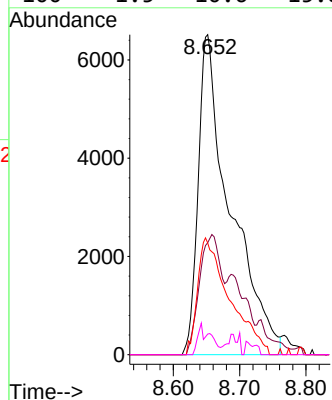
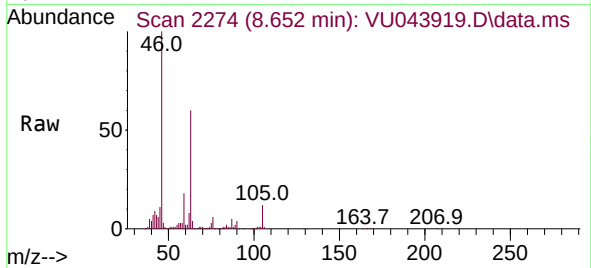




#48
2-Hexanone
Concen: 4.15 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.045 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

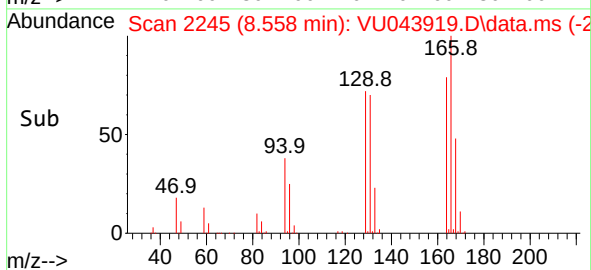
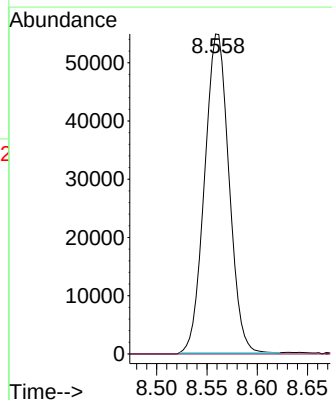
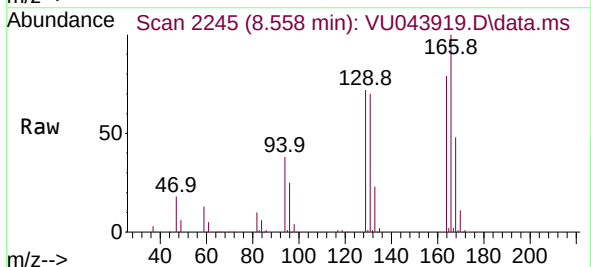
Instrument :
MSVOA_U
ClientSampleId :
GB416

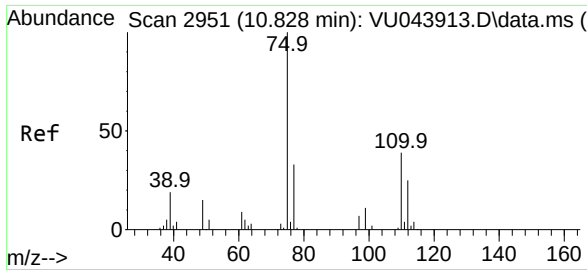
Tgt Ion: 43 Resp: 21827
Ion Ratio Lower Upper
43 100
58 25.4 49.4 74.0#
57 36.3 16.8 25.2#
100 1.5 10.6 15.8#



#49
Dibromochloromethane
Concen: 8.32 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043919.D
Acq: 24 May 2021 19:37

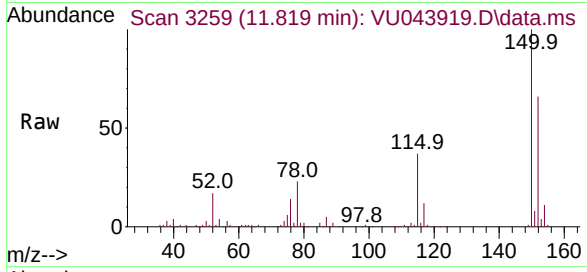
Tgt Ion: 129 Resp: 92207
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043919.D
 Acq: 24 May 2021 19:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GB416



Tgt Ion: 75 Resp: 7614
 Ion Ratio Lower Upper
 75 100
 110 0.3 29.3 43.9#
 77 31.1 26.3 39.5

