

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023019.D
 Acq On : 23 Oct 2021 18:59
 Operator : SY/MD
 Sample : M4277-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD8

Quant Time: Oct 25 01:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

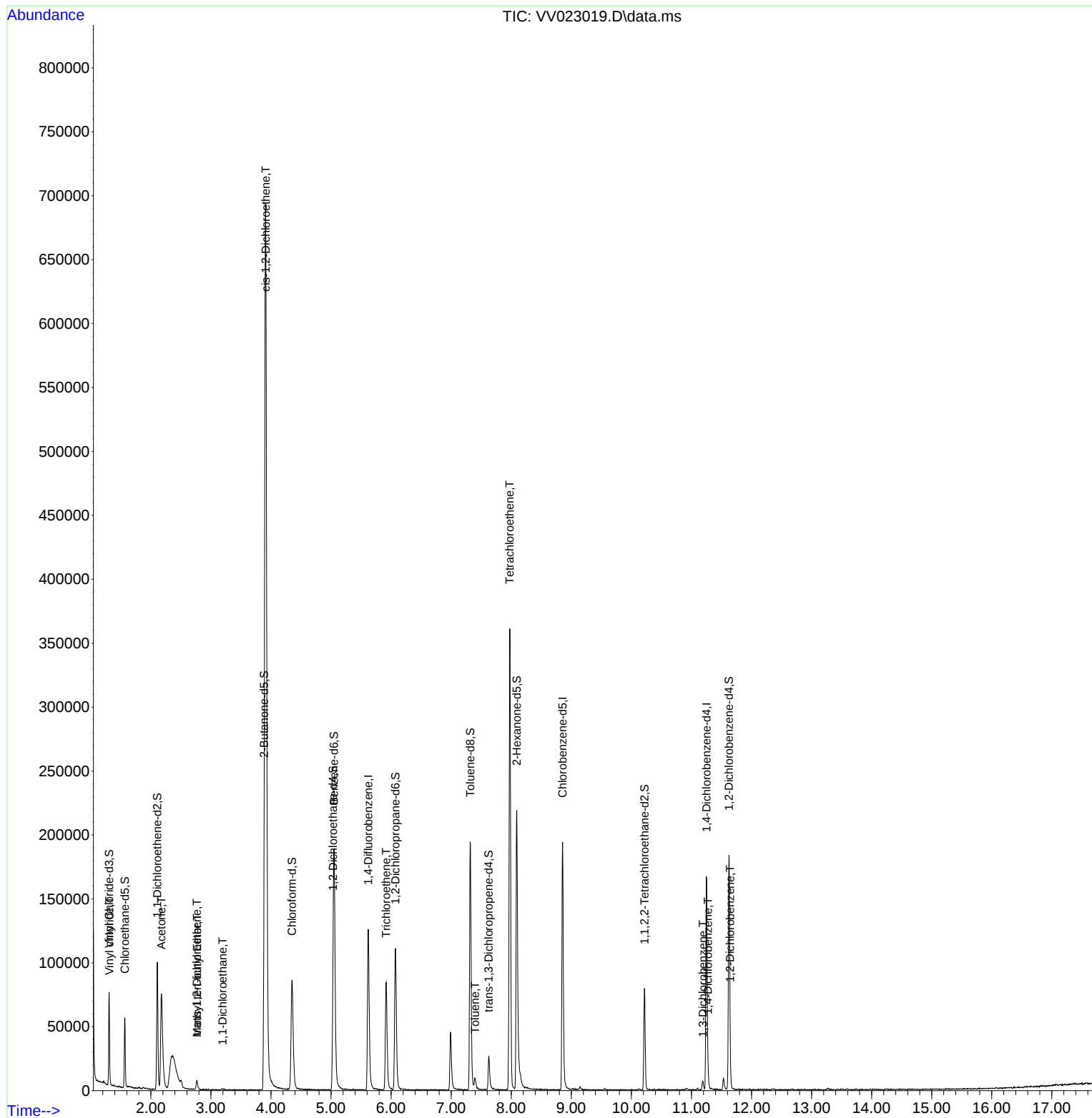
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110910	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44308	4.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.568	69	32151	5.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.108	63	51639	3.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.886	46	105235	67.690	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.380%#
24) Chloroform-d	4.349	84	88538	5.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.034	65	42487	5.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	5.050	84	172584	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.072	67	55280	5.477	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.317	98	128918	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.625	79	15707	4.442	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.091	63	70604	53.926	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.860%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	39174	5.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	48236	6.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.400%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	958	0.122	ug/L #	9
13) Acetone	2.175	43	112681	147.730	ug/L	90
17) Methyl tert-butyl Ether	2.770	73	2006	0.148	ug/L #	89
18) trans-1,2-Dichloroethene	2.767	96	2026	0.334	ug/L	89
19) 1,1-Dichloroethane	3.195	63	883	0.079	ug/L #	87
22) cis-1,2-Dichloroethene	3.912	96	383812	55.841	ug/L #	91
34) Trichloroethene	5.918	95	29928	3.942	ug/L	97
42) Toluene	7.397	91	6652	0.217	ug/L	99
47) Tetrachloroethene	7.976	164	81727	12.742	ug/L	99
64) 1,3-Dichlorobenzene	11.191	146	3198	0.272	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	3624	0.303	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	3420	0.312	ug/L	95

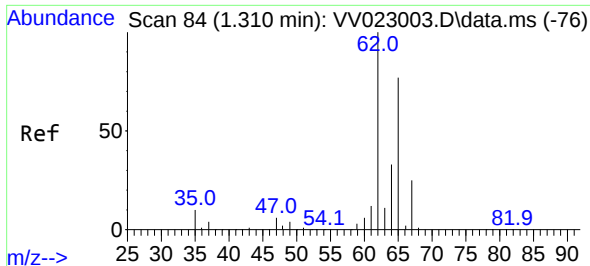
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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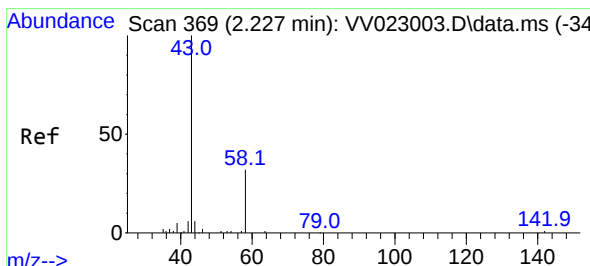
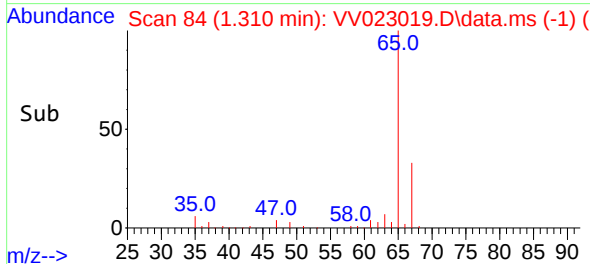
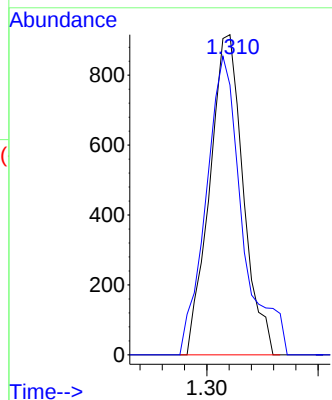
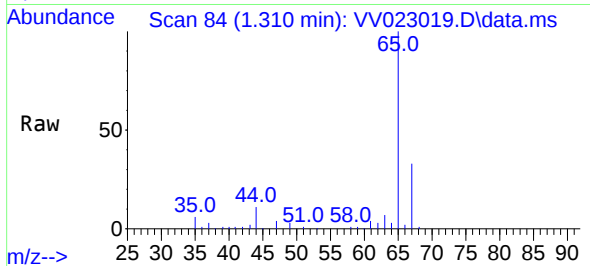




#5
 Vinyl chloride
 Concen: 0.122 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023019.D
 Acq: 23 Oct 2021 18:59

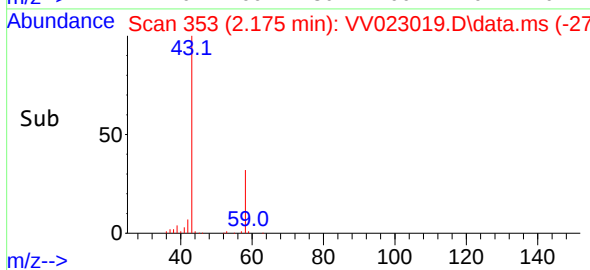
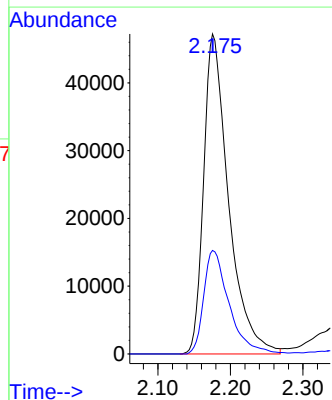
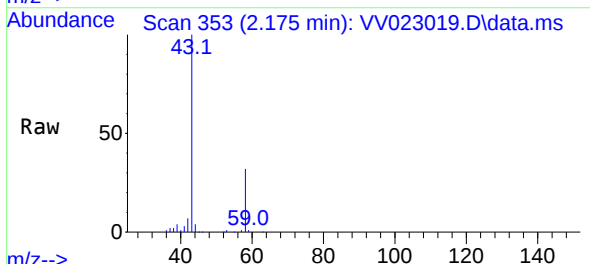
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD8

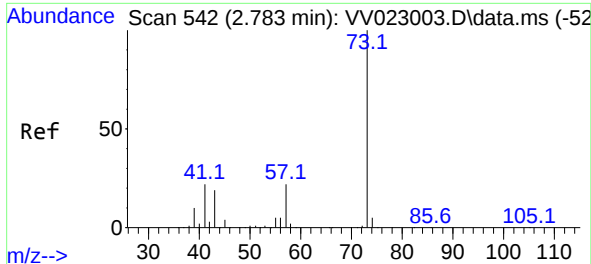
Tgt Ion: 62 Resp: 958
 Ion Ratio Lower Upper
 62 100
 64 84.3 23.1 42.9#



#13
 Acetone
 Concen: 147.730 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. -0.051 min
 Lab File: VV023019.D
 Acq: 23 Oct 2021 18:59

Tgt Ion: 43 Resp: 112681
 Ion Ratio Lower Upper
 43 100
 58 33.0 0.0 55.4





#17

Methyl tert-butyl Ether

Concen: 0.148 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.013 min

Lab File: VV023019.D

Acq: 23 Oct 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

BFGD8

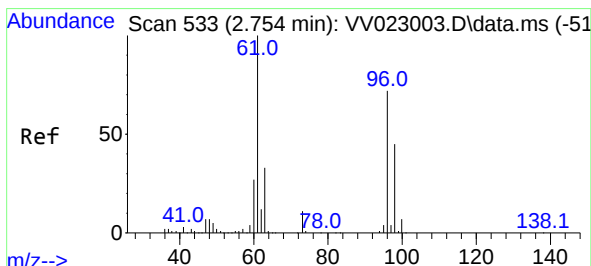
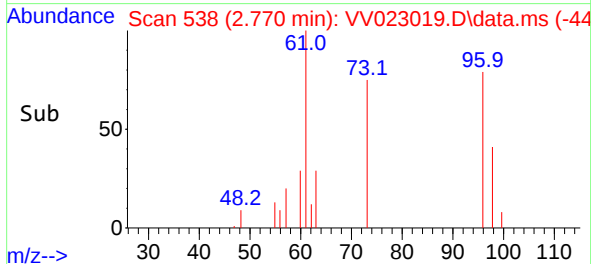
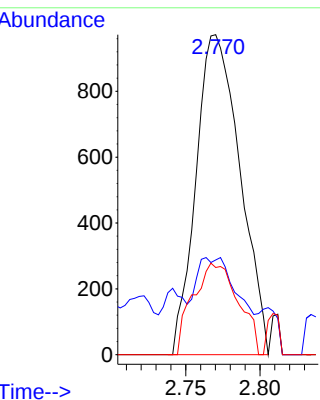
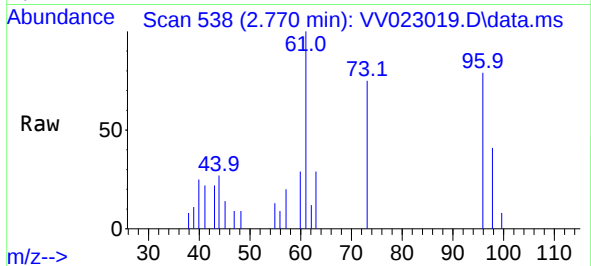
Tgt Ion: 73 Resp: 2006

Ion Ratio Lower Upper

73 100

43 23.0 17.4 26.0

57 29.5 16.5 24.7#



#18

trans-1,2-Dichloroethene

Concen: 0.334 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.013 min

Lab File: VV023019.D

Acq: 23 Oct 2021 18:59

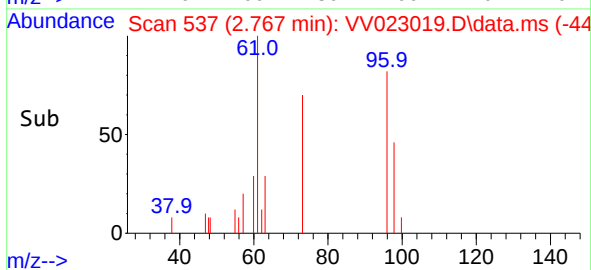
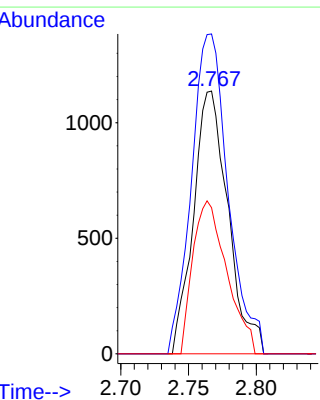
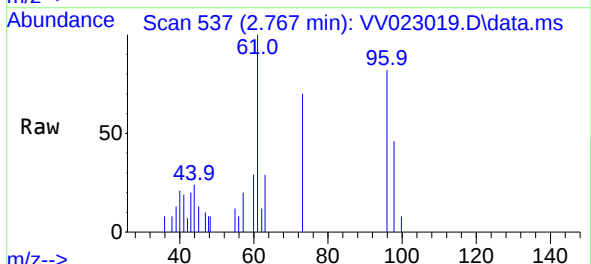
Tgt Ion: 96 Resp: 2026

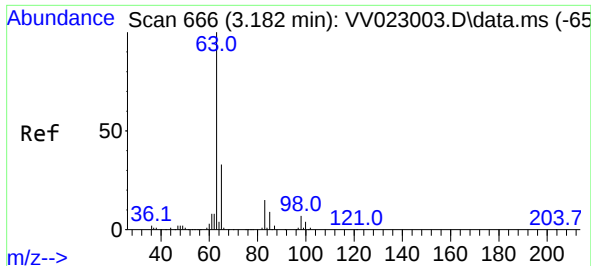
Ion Ratio Lower Upper

96 100

61 121.7 93.2 173.2

98 55.6 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.079 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.013 min

Lab File: VV023019.D

Acq: 23 Oct 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

BFGD8

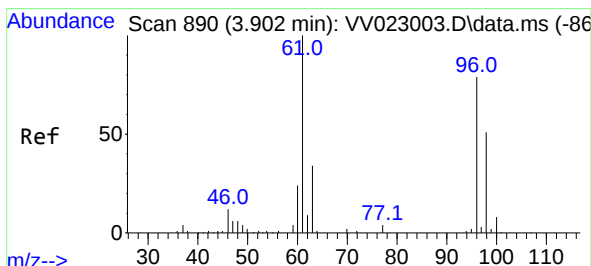
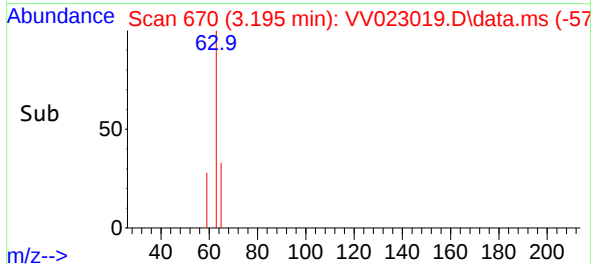
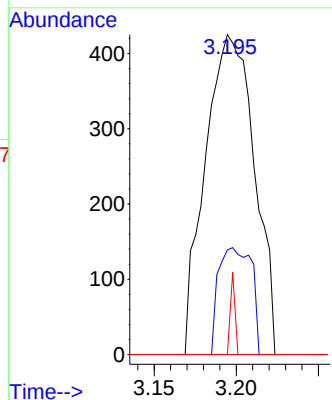
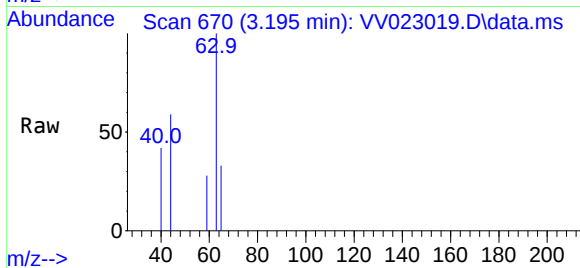
Tgt Ion: 63 Resp: 883

Ion Ratio Lower Upper

63 100

65 32.7 22.6 42.0

83 0.0 11.1 20.7#



#22

cis-1,2-Dichloroethene

Concen: 55.841 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.010 min

Lab File: VV023019.D

Acq: 23 Oct 2021 18:59

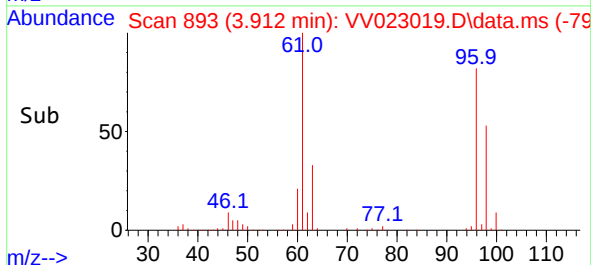
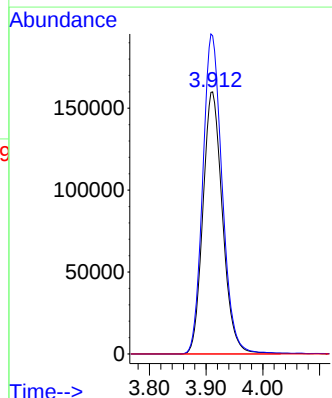
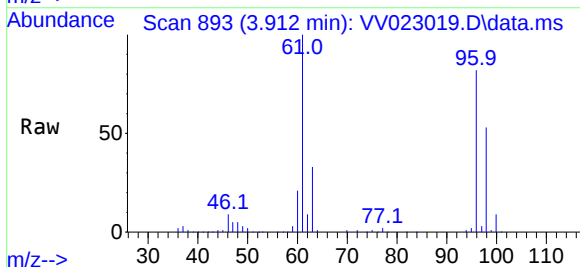
Tgt Ion: 96 Resp: 383812

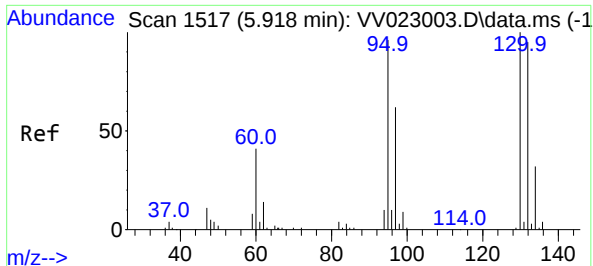
Ion Ratio Lower Upper

96 100

61 121.4 92.3 171.3

68 0.0 0.4 0.8#



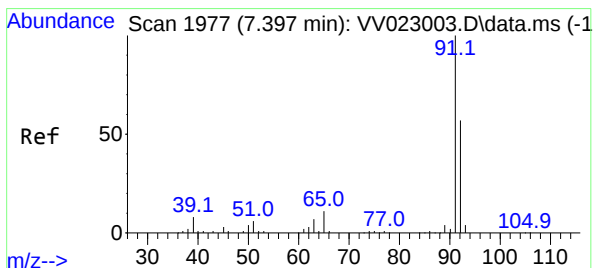
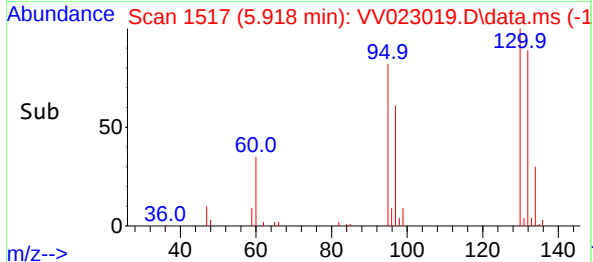
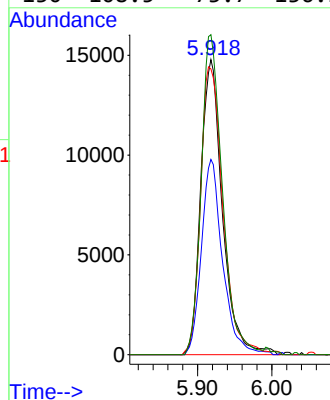
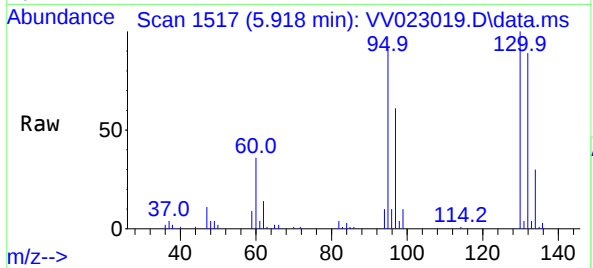


#34
Trichloroethene
Concen: 3.942 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV023019.D
Acq: 23 Oct 2021 18:59

Instrument :
MSVOA_V
ClientSampleId :
BFGD8

Tgt Ion: 95 Resp: 29928

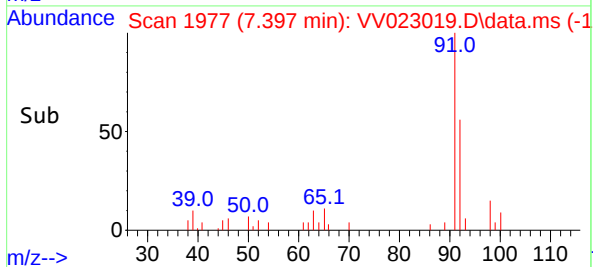
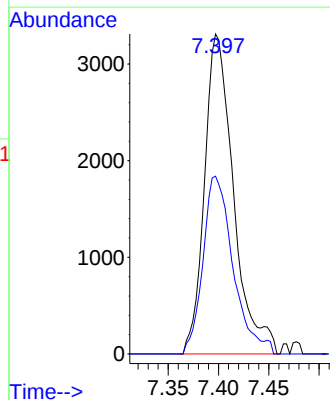
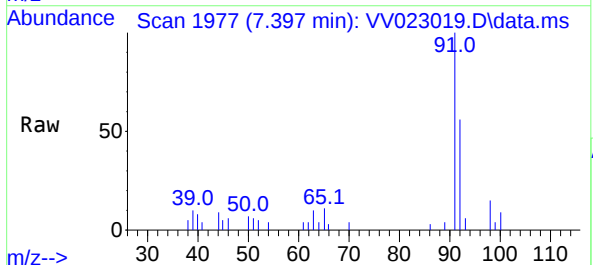
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.0	83.6
132	96.9	69.7	129.4
130	108.5	73.7	136.9

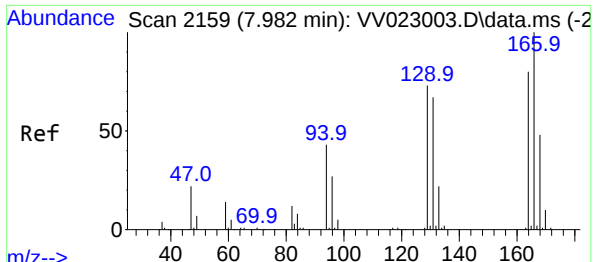


#42
Toluene
Concen: 0.217 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VV023019.D
Acq: 23 Oct 2021 18:59

Tgt Ion: 91 Resp: 6652

Ion	Ratio	Lower	Upper
91	100		
92	55.5	39.3	72.9



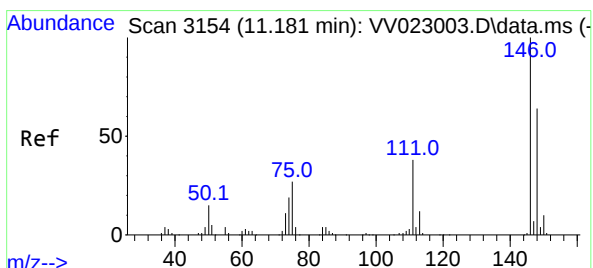
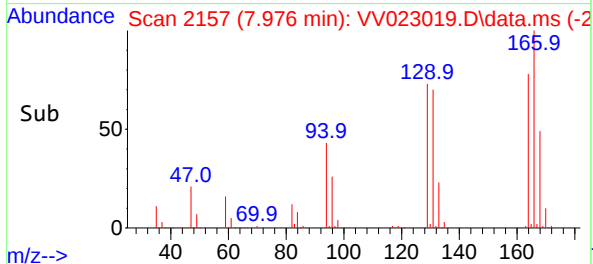
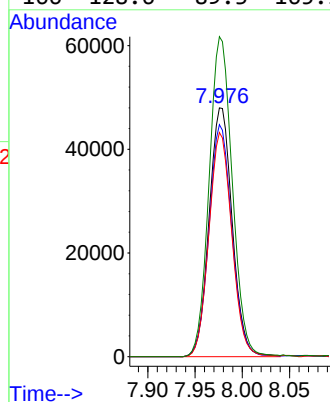
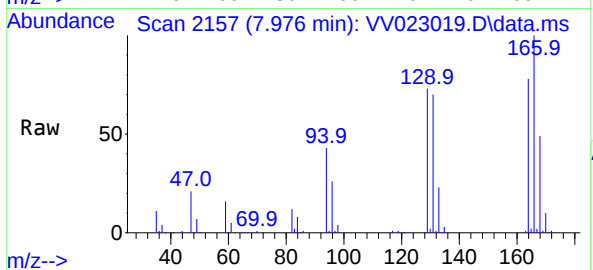


#47
Tetrachloroethene
Concen: 12.742 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.006 min
Lab File: VV023019.D
Acq: 23 Oct 2021 18:59

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 81727

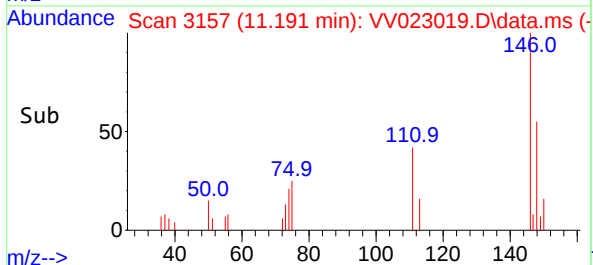
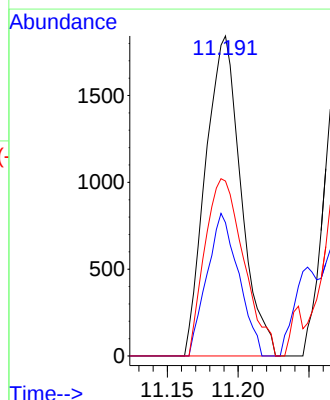
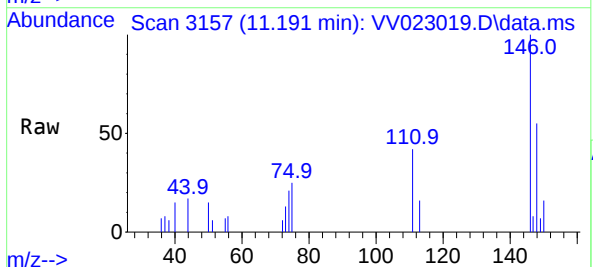
Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.0	119.0
131	90.1	63.4	117.8
166	128.6	89.3	165.9

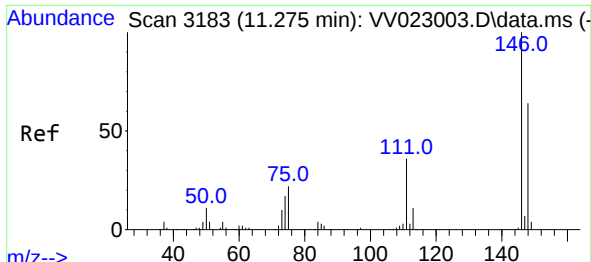


#64
1,3-Dichlorobenzene
Concen: 0.272 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.010 min
Lab File: VV023019.D
Acq: 23 Oct 2021 18:59

Tgt Ion:146 Resp: 3198

Ion	Ratio	Lower	Upper
146	100		
111	41.7	26.7	49.7
148	54.6	42.9	79.7

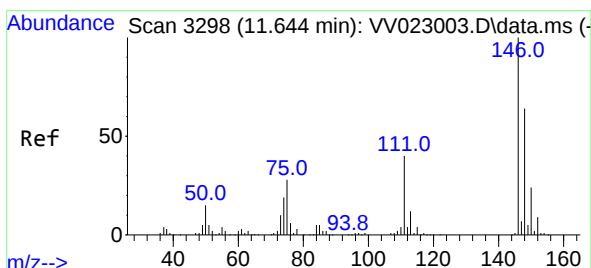
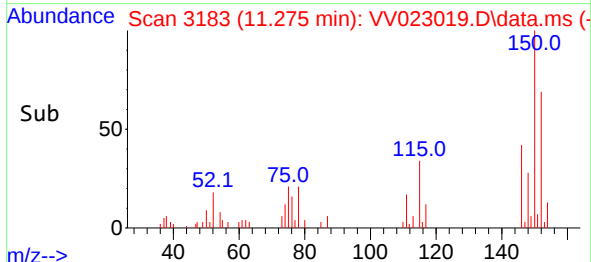
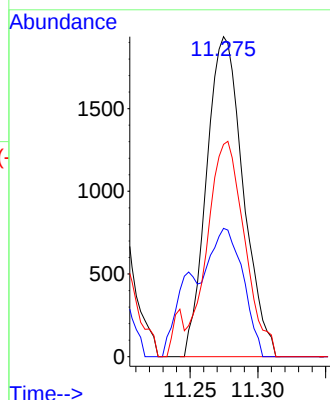
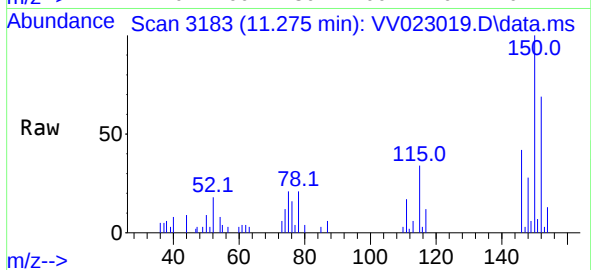




#65
1,4-Dichlorobenzene
Concen: 0.303 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV023019.D
Acq: 23 Oct 2021 18:59

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Tgt Ion:	146	Resp:	3624
Ion	Ratio	Lower	Upper
146	100		
111	40.1	26.2	48.8
148	66.4	44.4	82.5



#67
1,2-Dichlorobenzene
Concen: 0.312 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV023019.D
Acq: 23 Oct 2021 18:59

Tgt Ion:	146	Resp:	3420
Ion	Ratio	Lower	Upper
146	100		
111	45.6	31.6	47.4
148	62.5	51.0	76.6

