

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025431.D
 Acq On : 08 Apr 2022 23:49
 Operator : SY/MD
 Sample : N2319-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J1

Quant Time: Apr 09 06:28:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

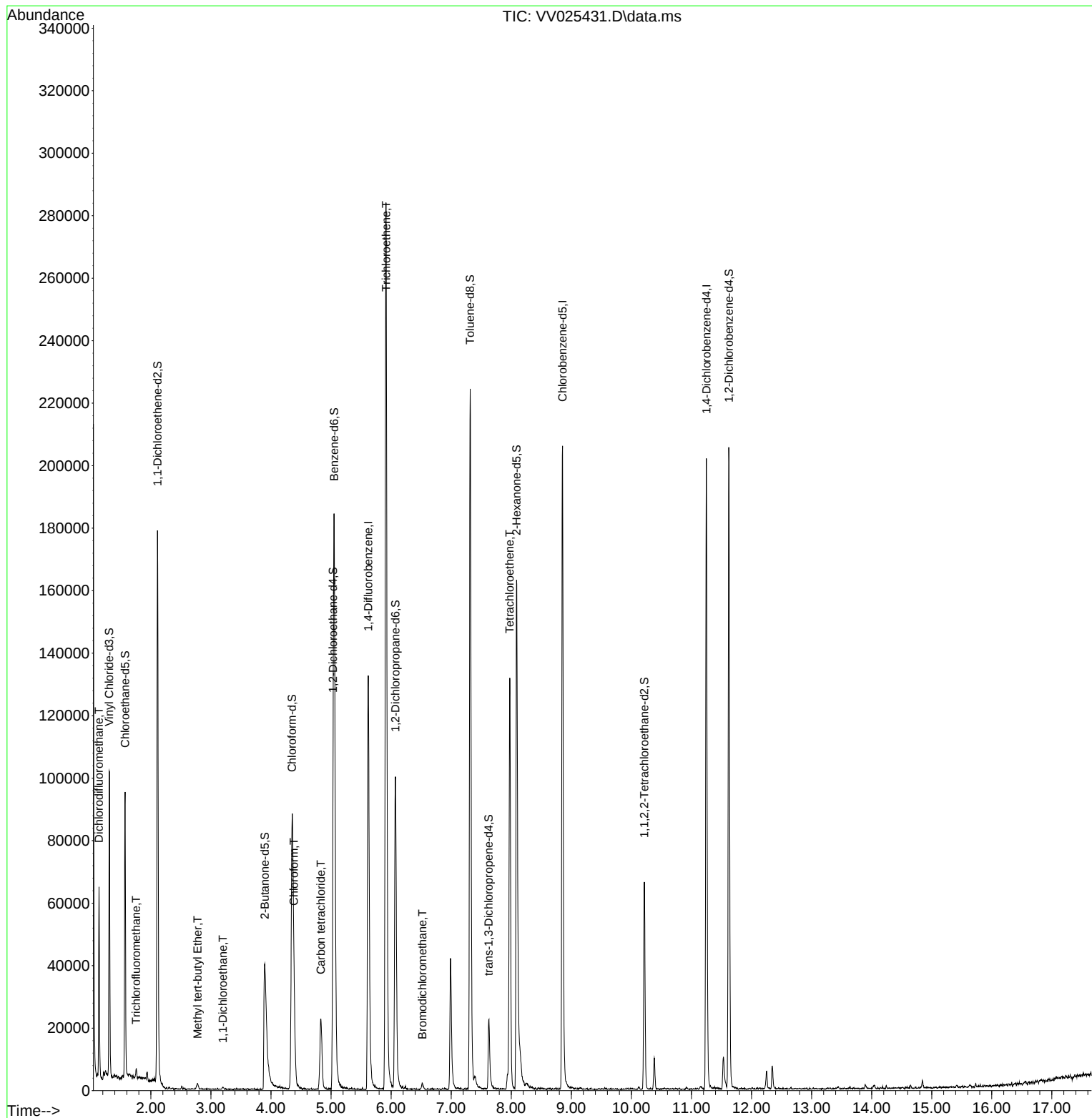
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119604	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53258	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63757	5.734	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.600%	
7) Chloroethane-d5	1.571	69	56979	4.817	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.111	63	94069	4.223	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	3.895	46	74285	54.920	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.840%	
24) Chloroform-d	4.352	84	84986	5.058	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.034	65	41261	5.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.053	84	174585	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.072	67	48365	5.189	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.800%	
41) Toluene-d8	7.316	98	151708	4.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14484	4.623	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.088	63	58362	53.081	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.160%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31453	5.342	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51750	5.796	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.137	85	1660	0.154	ug/L	97
9) Trichlorofluoromethane	1.754	101	1641	0.088	ug/L	91
17) Methyl tert-butyl Ether	2.777	73	1540	0.096	ug/L	94
19) 1,1-Dichloroethane	3.198	63	720	0.049	ug/L #	86
25) Chloroform	4.381	83	27292	1.756	ug/L	96
31) Carbon tetrachloride	4.831	117	17358	1.507	ug/L	96
34) Trichloroethene	5.915	95	98224	10.842	ug/L	98
38) Bromodichloromethane	6.522	83	1821	0.186	ug/L #	97
47) Tetrachloroethene	7.976	164	28366	3.999	ug/L	98

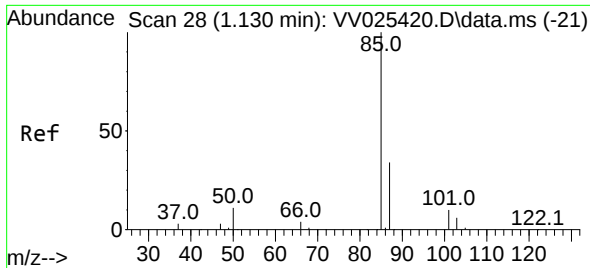
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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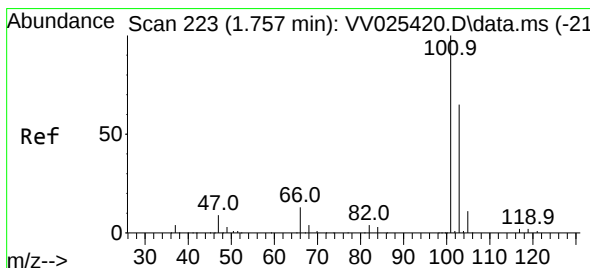
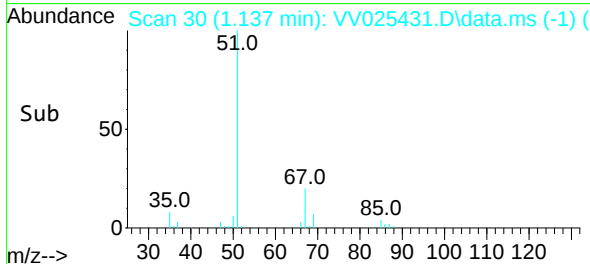
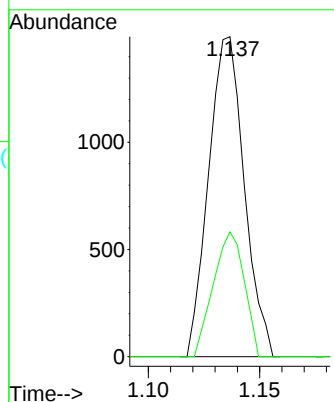
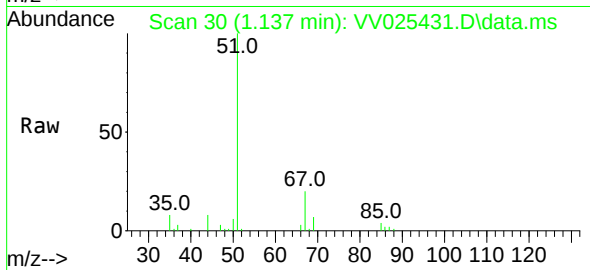




#2
 Dichlorodifluoromethane
 Concen: 0.154 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VV025431.D
 Acq: 08 Apr 2022 23:49

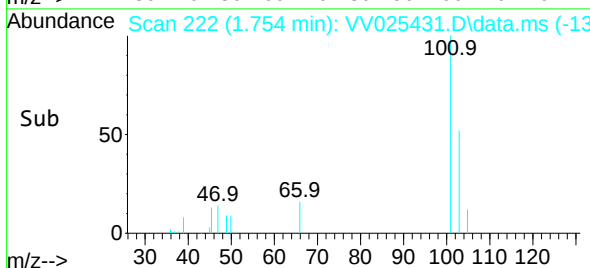
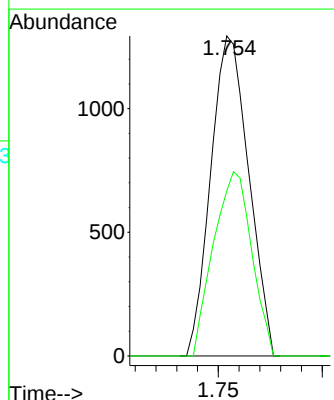
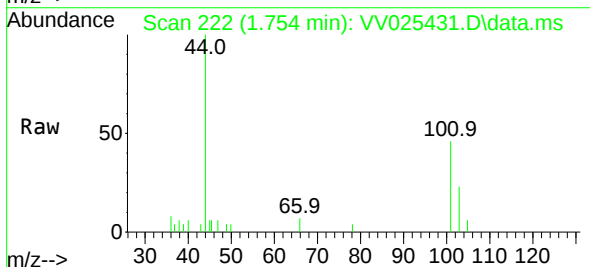
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J1

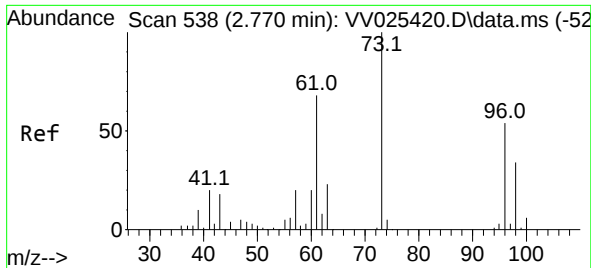
Tgt Ion: 85 Resp: 1660
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.6 38.4



#9
 Trichlorofluoromethane
 Concen: 0.088 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. -0.003 min
 Lab File: VV025431.D
 Acq: 08 Apr 2022 23:49

Tgt Ion: 101 Resp: 1641
 Ion Ratio Lower Upper
 101 100
 103 57.8 51.9 77.9

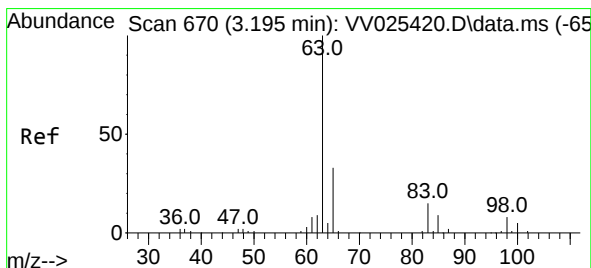
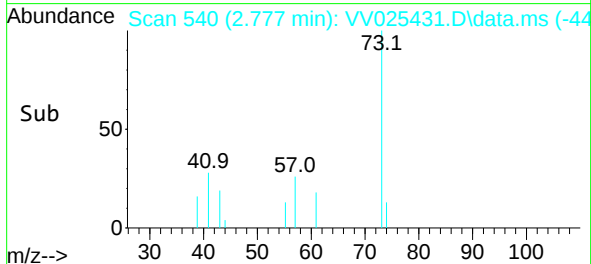
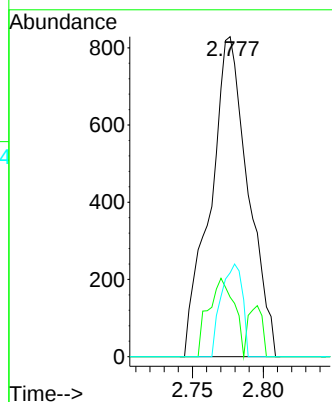
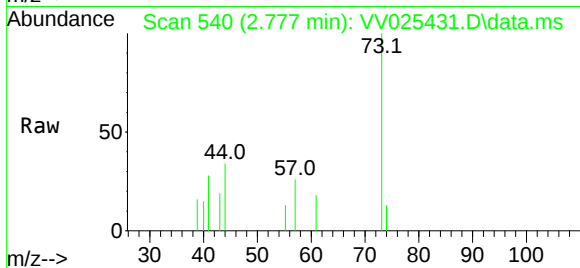




#17
Methyl tert-butyl Ether
Concen: 0.096 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV025431.D
Acq: 08 Apr 2022 23:49

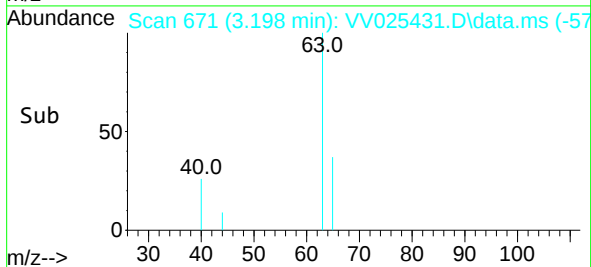
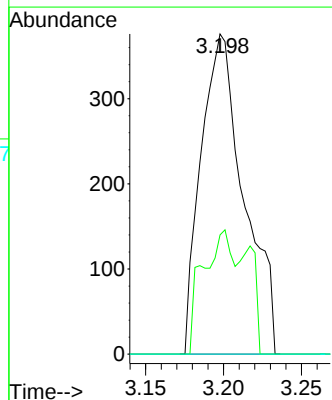
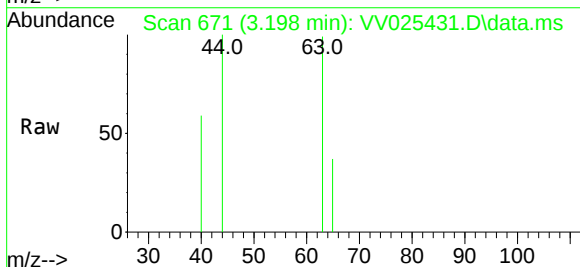
Instrument :
MSVOA_V
ClientSampleId :
YB2J1

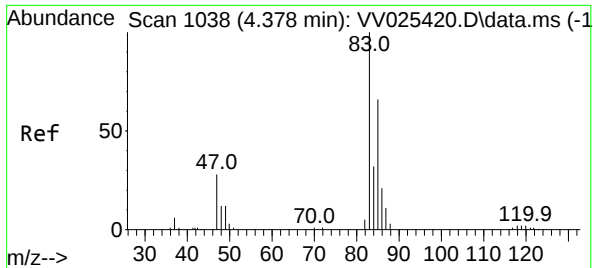
Tgt Ion: 73	Resp:	1540	
Ion	Ratio	Lower	Upper
73	100		
43	16.6	14.2	21.4
57	16.2	16.1	24.1



#19
1,1-Dichloroethane
Concen: 0.049 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.003 min
Lab File: VV025431.D
Acq: 08 Apr 2022 23:49

Tgt Ion: 63	Resp:	720	
Ion	Ratio	Lower	Upper
63	100		
65	37.2	23.2	43.0
83	0.0	9.0	16.8#

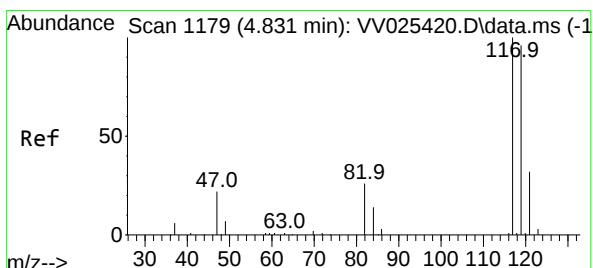
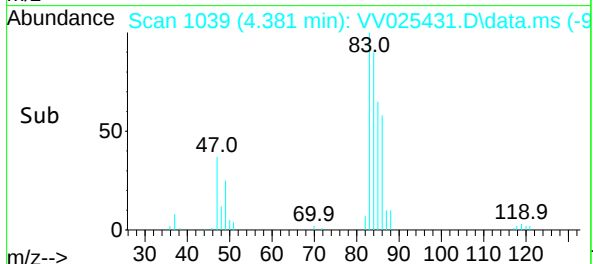
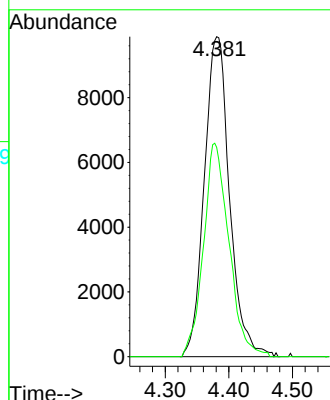
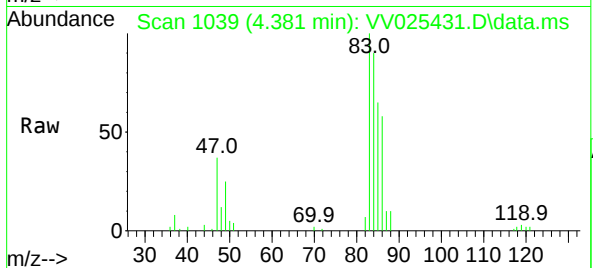




#25
Chloroform
Concen: 1.756 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV025431.D
Acq: 08 Apr 2022 23:49

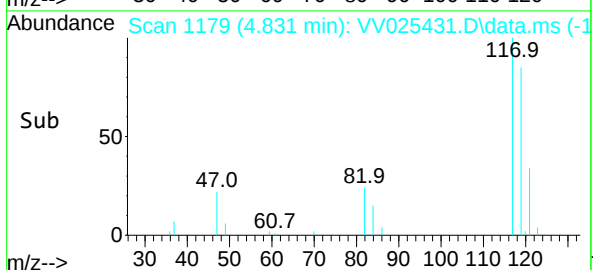
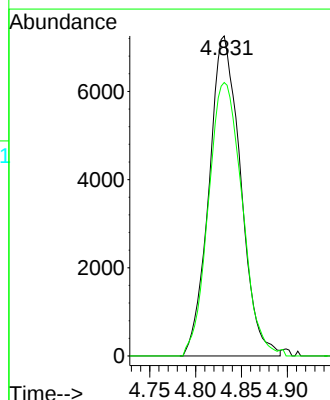
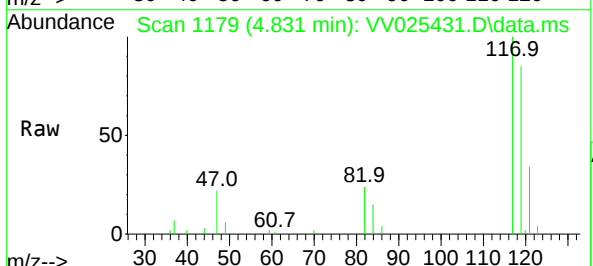
Instrument :
MSVOA_V
ClientSampleId :
YB2J1

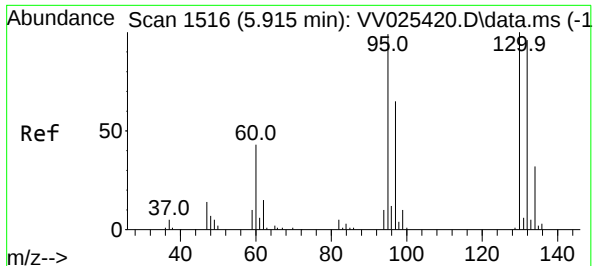
Tgt Ion: 83 Resp: 27292
Ion Ratio Lower Upper
83 100
85 65.4 43.5 80.7



#31
Carbon tetrachloride
Concen: 1.507 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025431.D
Acq: 08 Apr 2022 23:49

Tgt Ion: 117 Resp: 17358
Ion Ratio Lower Upper
117 100
119 91.4 76.6 114.8





#34

Trichloroethene

Concen: 10.842 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025431.D

Acq: 08 Apr 2022 23:49

Instrument :

MSVOA_V

ClientSampleId :

YB2J1

Tgt Ion: 95 Resp: 98224

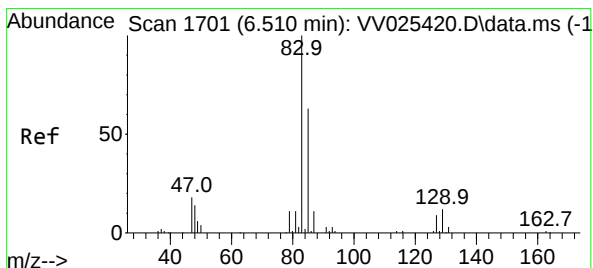
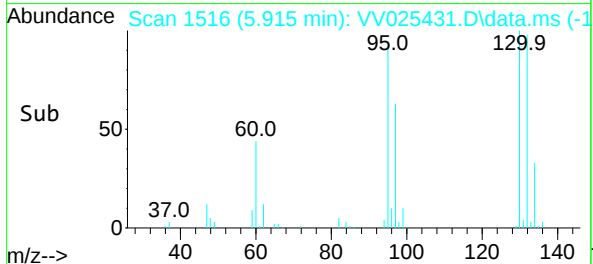
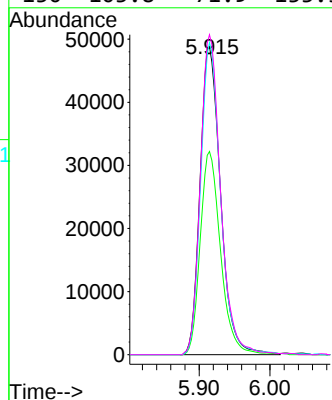
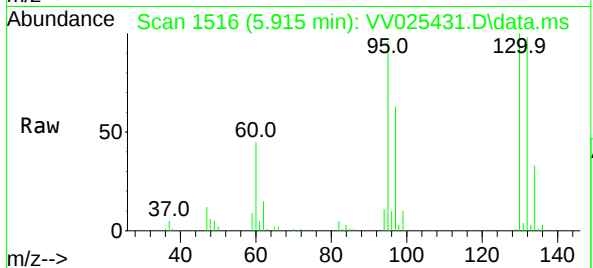
Ion Ratio Lower Upper

95 100

97 65.9 45.8 85.2

132 101.3 68.0 126.4

130 103.8 71.9 133.5



#38

Bromodichloromethane

Concen: 0.186 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VV025431.D

Acq: 08 Apr 2022 23:49

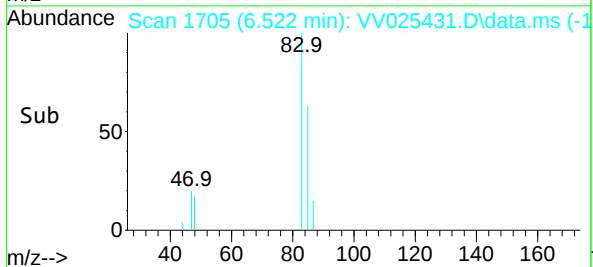
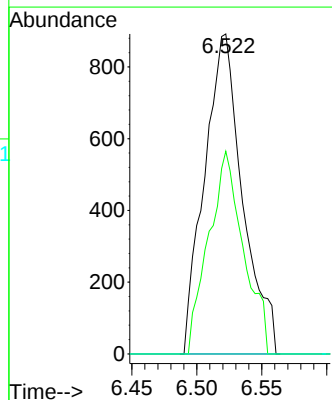
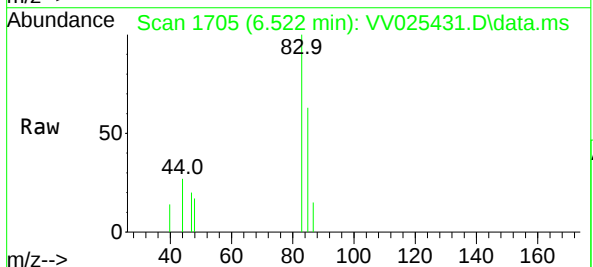
Tgt Ion: 83 Resp: 1821

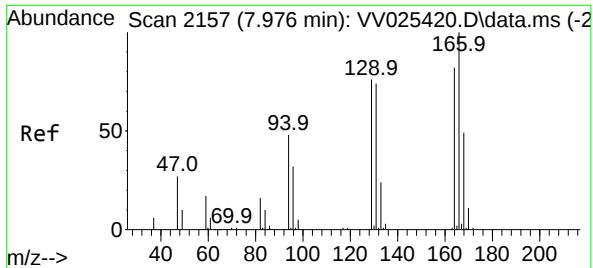
Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.4

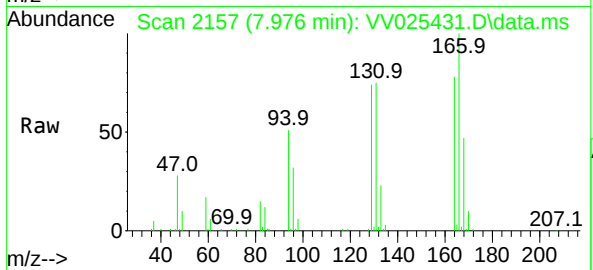
127 0.0 7.2 10.8#





#47
 Tetrachloroethene
 Concen: 3.999 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025431.D
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Tgt Ion:	164	Resp:	28366
Ion	Ratio	Lower	Upper
164	100		
129	96.0	66.8	124.2
131	97.1	66.4	123.4
166	129.0	91.7	170.3

