

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071922\
 Data File : VV026833.D
 Acq On : 19 Jul 2022 18:18
 Operator : SY/MD
 Sample : N3754-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 20 05:52:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

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

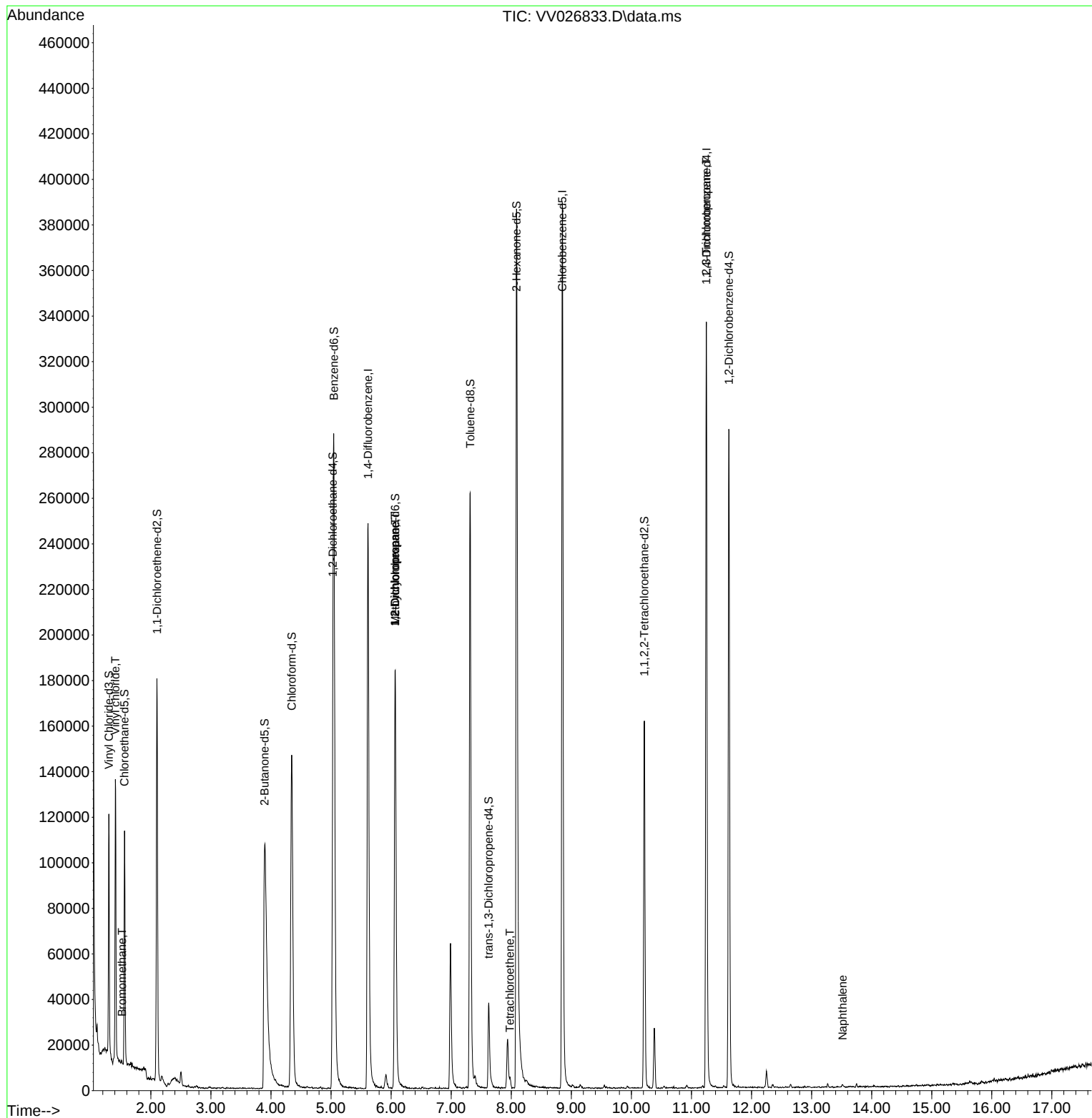
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	224578	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	228612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65626	3.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.561	69	67744	3.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.102	63	90527	2.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.000%#
20) 2-Butanone-d5	3.892	46	192560	60.220	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.440%
24) Chloroform-d	4.346	84	162308	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.031	65	75965	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.047	84	264959	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.069	67	94829	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.317	98	185350	3.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.200%#
43) trans-1,3-Dichloroprop...	7.625	79	24123	3.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.088	63	139532	47.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79190	4.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77799	4.891	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.410	62	1827	0.065	ug/L	92
6) Bromomethane	1.520	94	672	0.040	ug/L	96
35) Methylcyclohexane	6.069	83	24371	0.850	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	9155	0.501	ug/L #	84
47) Tetrachloroethene	7.979	164	1058	0.072	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	10925	1.298	ug/L #	64
71) Naphthalene	13.516	128	1469	0.059	ug/L #	81

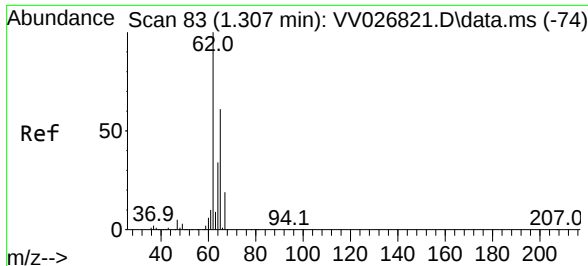
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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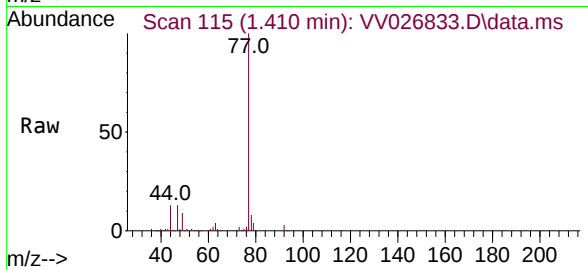
Quant Time: Jul 20 05:52:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
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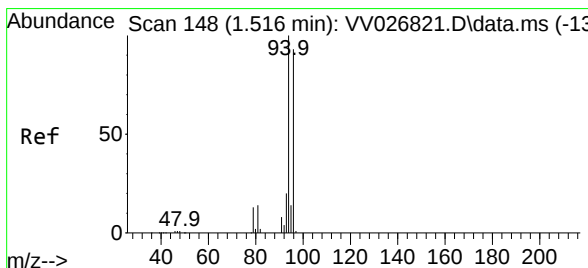
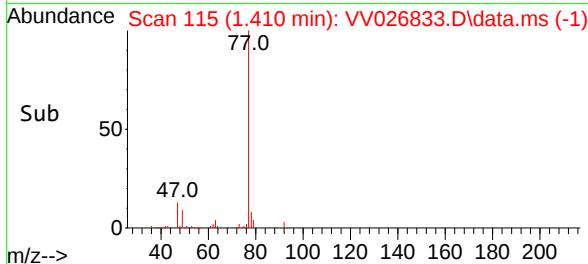
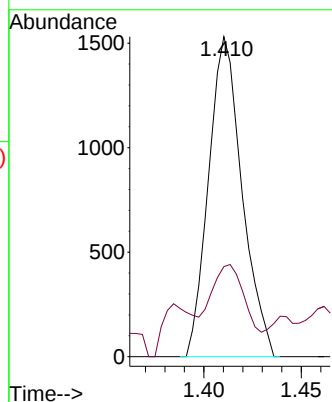


#5
 Vinyl chloride
 Concen: 0.065 ug/L
 RT: 1.410 min Scan# 115
 Delta R.T. 0.103 min
 Lab File: VV026833.D
 Acq: 19 Jul 2022 18:18

Instrument :
 MSVOA_V
 ClientSampleId :

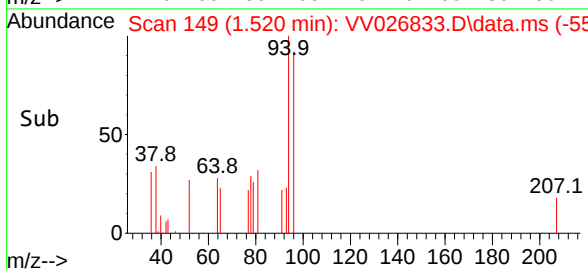
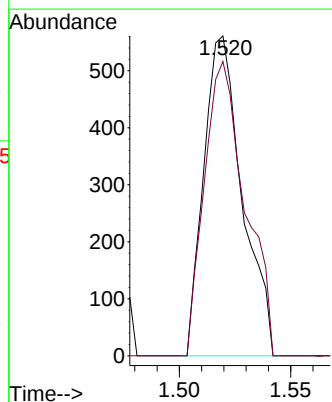
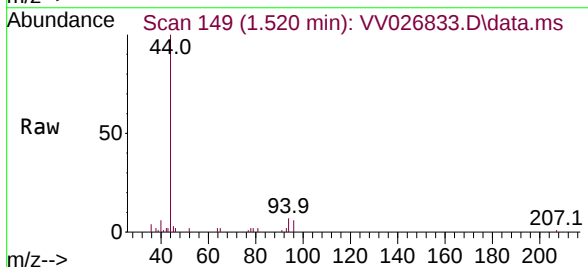


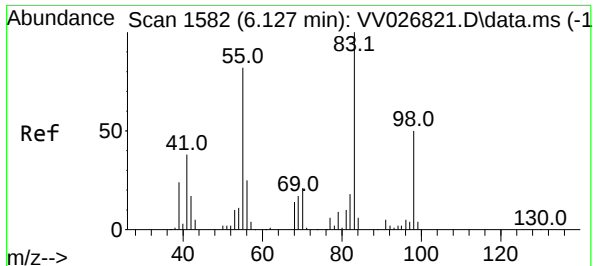
Tgt Ion: 62 Resp: 1827
 Ion Ratio Lower Upper
 62 100
 64 28.2 22.9 42.5



#6
 Bromomethane
 Concen: 0.040 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV026833.D
 Acq: 19 Jul 2022 18:18

Tgt Ion: 94 Resp: 672
 Ion Ratio Lower Upper
 94 100
 96 92.0 67.1 124.7

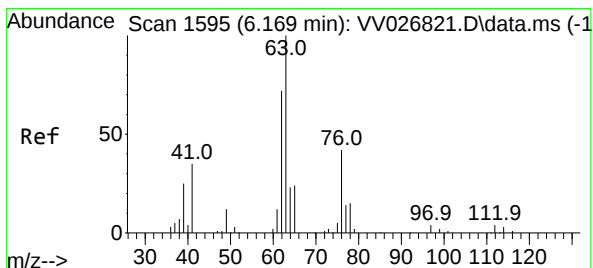
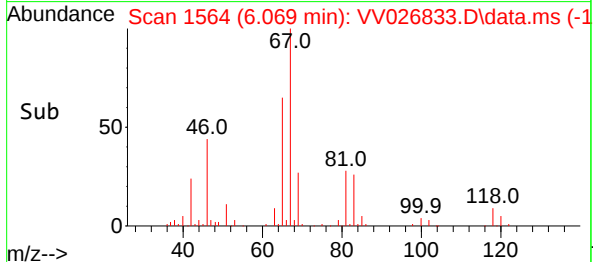
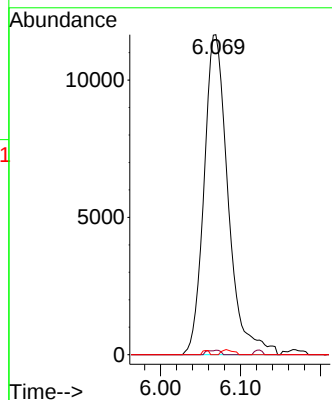
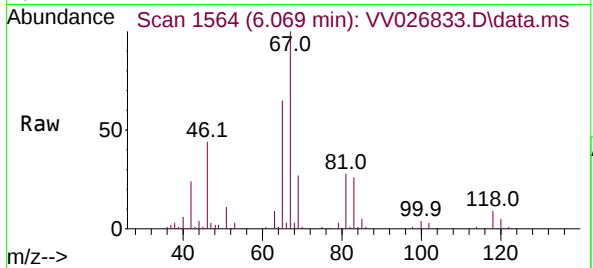




#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV026833.D
Acq: 19 Jul 2022 18:18

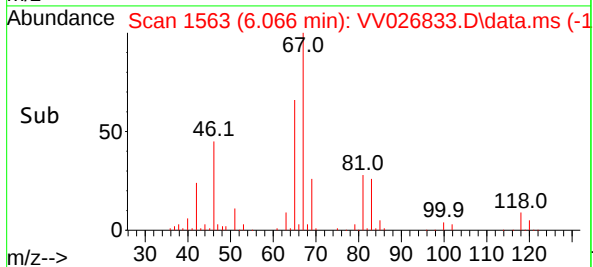
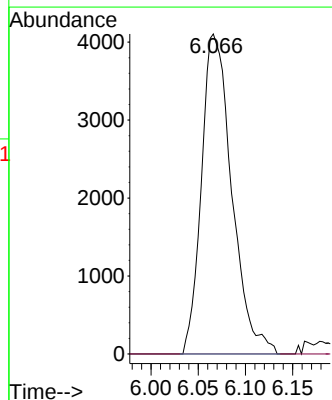
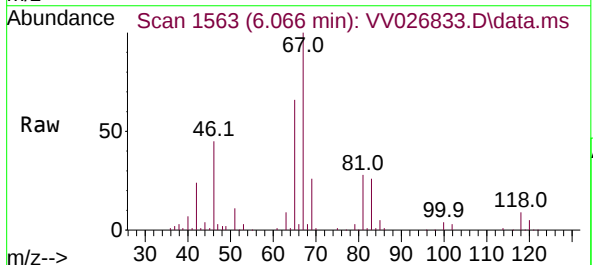
Instrument :
MSVOA_V
ClientSampleId :

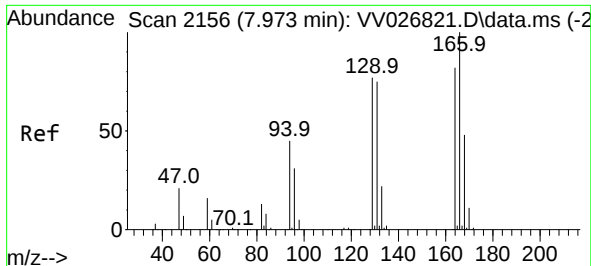
Tgt Ion: 83 Resp: 24371
Ion Ratio Lower Upper
83 100
55 0.8 59.5 89.3#
98 0.7 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV026833.D
Acq: 19 Jul 2022 18:18

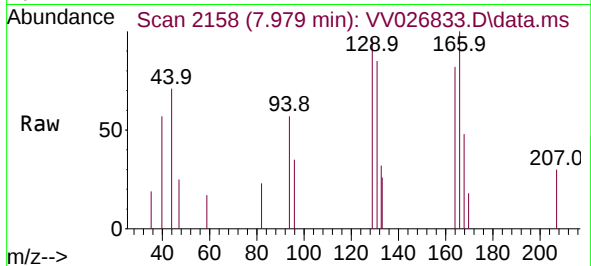
Tgt Ion: 63 Resp: 9155
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



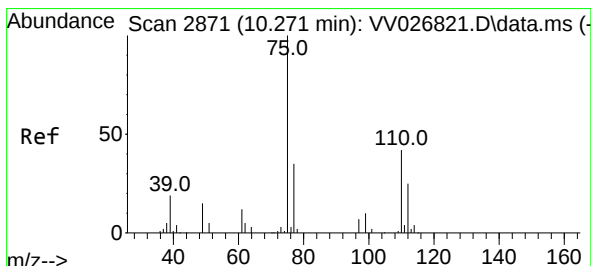
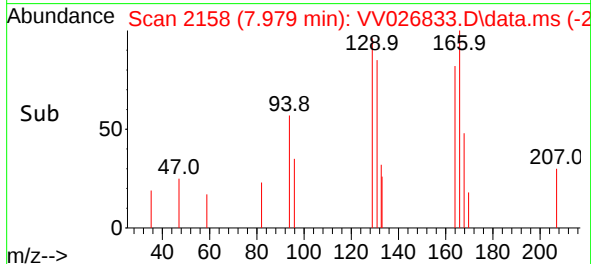
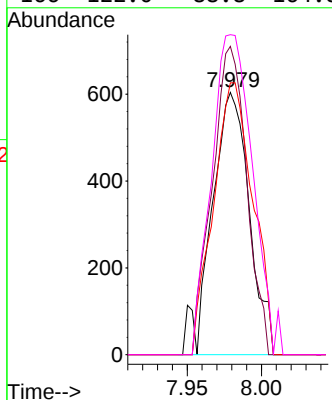


#47
Tetrachloroethene
Concen: 0.072 ug/L
RT: 7.979 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VV026833.D
Acq: 19 Jul 2022 18:18

Instrument :
MSVOA_V
ClientSampleId :

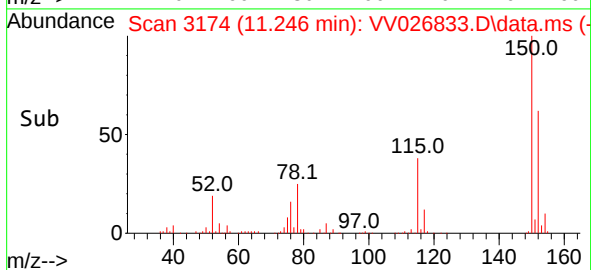
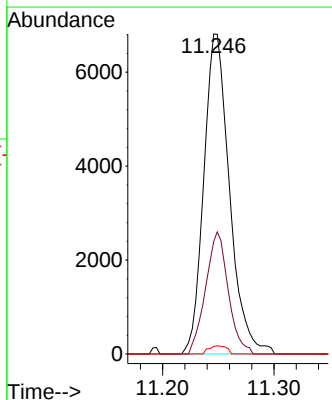
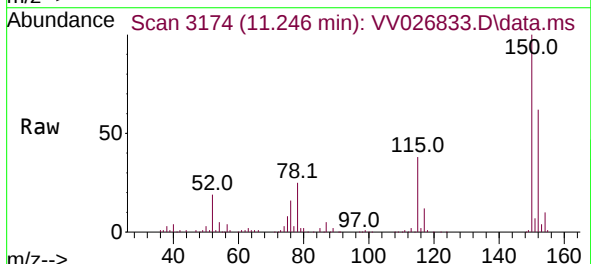


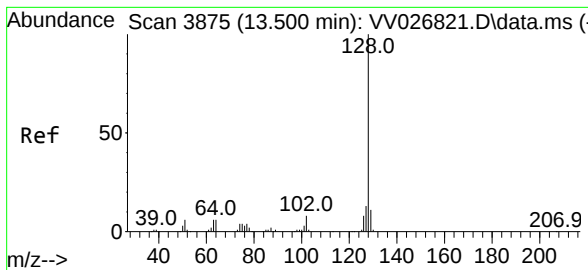
Tgt	Ion:164	Resp:	1058
Ion	Ratio	Lower	Upper
164	100		
129	117.5	67.8	125.8
131	103.6	65.9	122.5
166	122.0	88.8	164.8



#61
1,2,3-Trichloropropane
Concen: 1.298 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026833.D
Acq: 19 Jul 2022 18:18

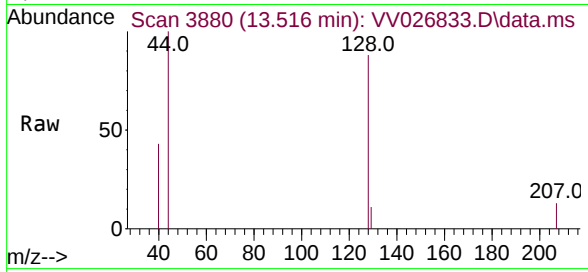
Tgt Ion: 75	Resp:	10925	
Ion Ratio	Lower	Upper	
75 100			
77 33.5	25.4	38.0	
110 1.8	31.8	47.6	#





#71
Naphthalene
Concen: 0.059 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV026833.D
Acq: 19 Jul 2022 18:18

Instrument : MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1469
Ion	Ratio	Lower	Upper
128	100		
129	2.8	8.4	12.6#
127	6.6	10.7	16.1#

