

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025496.D
 Acq On : 13 Apr 2022 16:46
 Operator : SY/MD
 Sample : N2356-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:11:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

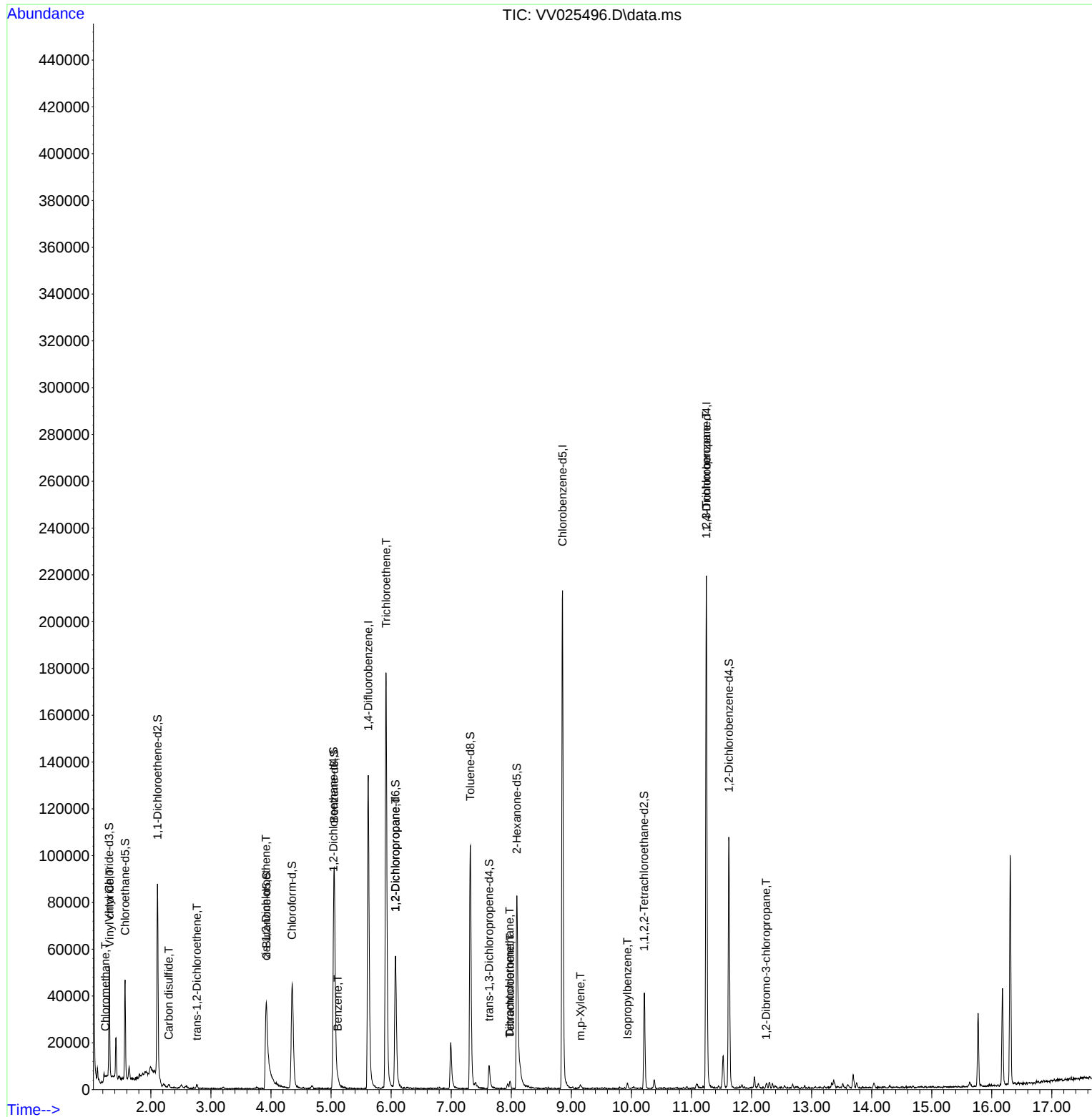
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118079	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25300	2.305	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.000%
7) Chloroethane-d5	1.571	69	26689	2.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	45.800%#
11) 1,1-Dichloroethene-d2	2.111	63	43474	1.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.600%#
20) 2-Butanone-d5	3.924	46	32930	24.660	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	49.320%
24) Chloroform-d	4.352	84	47948	2.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.800%#
26) 1,2-Dichloroethane-d4	5.040	65	22002	3.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.600%#
32) Benzene-d6	5.053	84	86303	2.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	50.200%#
36) 1,2-Dichloropropane-d6	6.072	67	27107	2.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	56.400%#
41) Toluene-d8	7.320	98	71990	2.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	45.000%#
43) trans-1,3-Dichloroprop...	7.632	79	6720	2.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	41.600%#
46) 2-Hexanone-d5	8.091	63	29801	26.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	19009	3.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	27000	2.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	58.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	574	0.050	ug/L #	73
5) Vinyl chloride	1.314	62	566	0.043	ug/L #	9
14) Carbon disulfide	2.297	76	1468	0.060	ug/L #	85
18) trans-1,2-Dichloroethene	2.767	96	412	0.048	ug/L #	69
22) cis-1,2-Dichloroethene	3.918	96	12784	1.415	ug/L	100
33) Benzene	5.111	78	2855	0.081	ug/L	100
34) Trichloroethene	5.915	95	62368	6.686	ug/L	97
37) 1,2-Dichloropropane	6.072	63	3320	0.409	ug/L #	85
47) Tetrachloroethene	7.982	164	672	0.092	ug/L	93
49) Dibromochloromethane	7.976	129	646	0.108	ug/L #	11
53) m,p-Xylene	9.149	106	861	0.056	ug/L	70
60) Isopropylbenzene	9.934	105	1821	0.054	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	6925	1.913	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	12.242	75	89	0.142	ug/L #	2

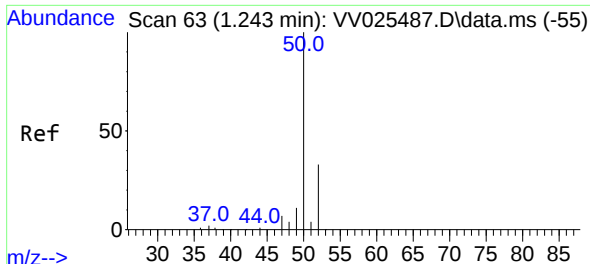
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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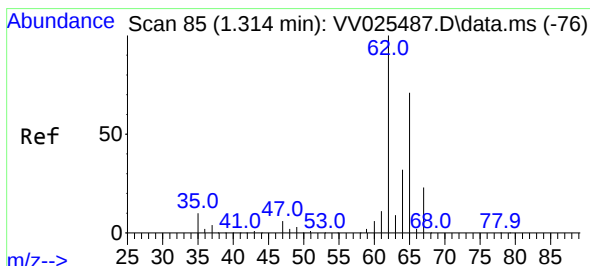
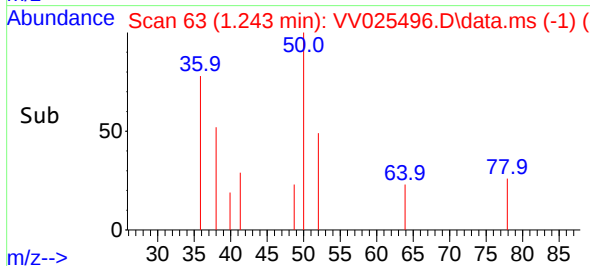
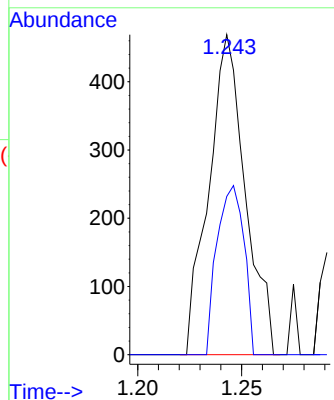
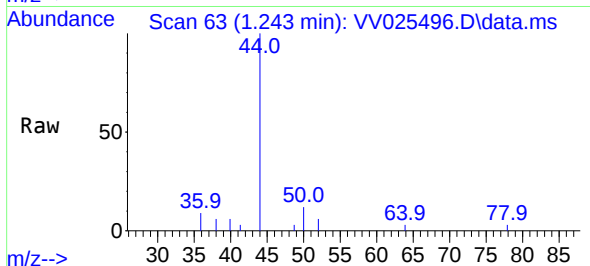




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

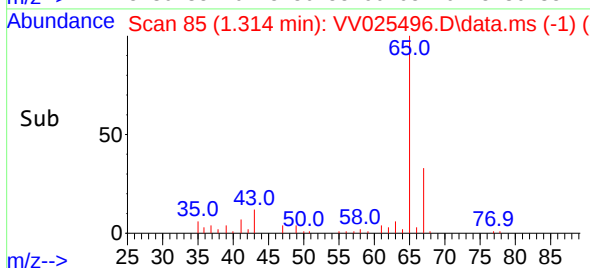
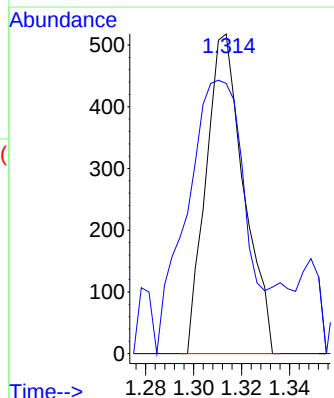
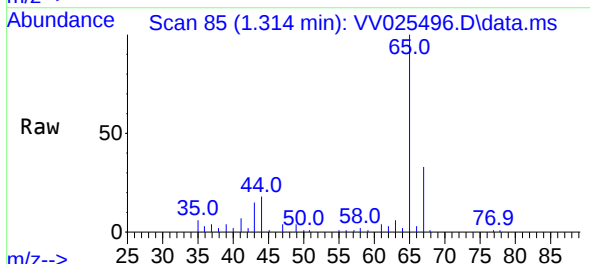
Instrument :
MSVOA_V
ClientSampleId :

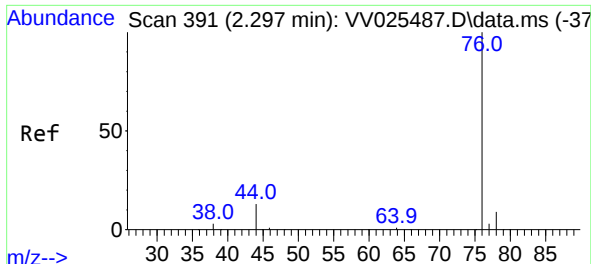
Tgt Ion: 50 Resp: 574
Ion Ratio Lower Upper
50 100
52 49.5 23.7 43.9#



#5
Vinyl chloride
Concen: 0.043 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.000 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

Tgt Ion: 62 Resp: 566
Ion Ratio Lower Upper
62 100
64 84.6 23.2 43.2#

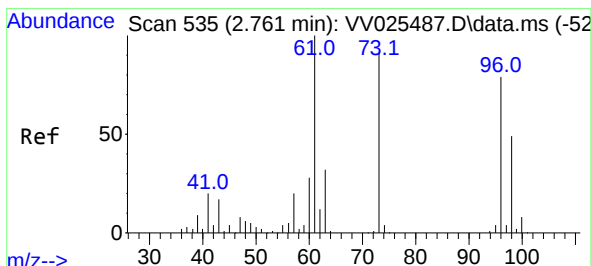
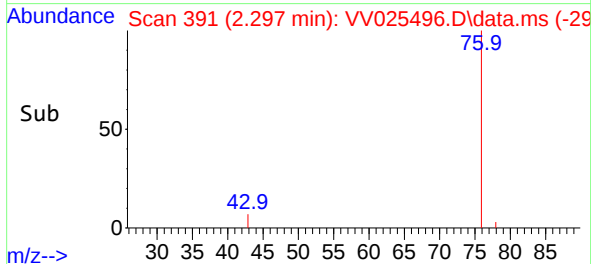
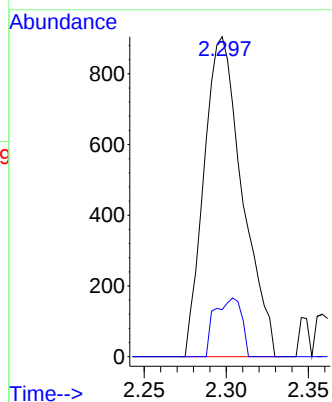
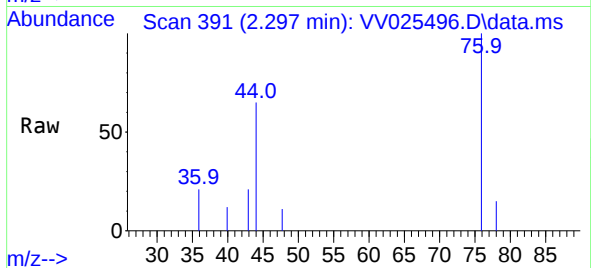




#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

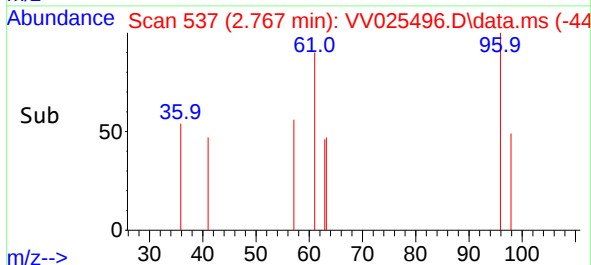
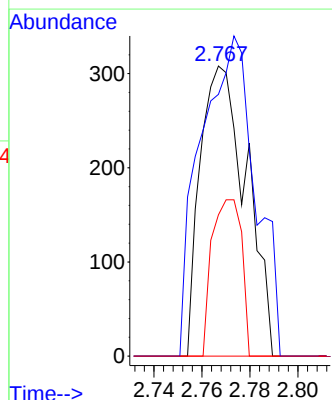
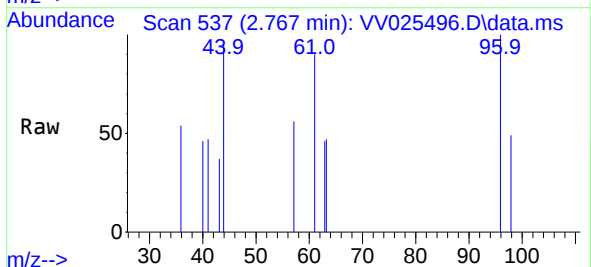
Instrument :
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ClientSampleId :

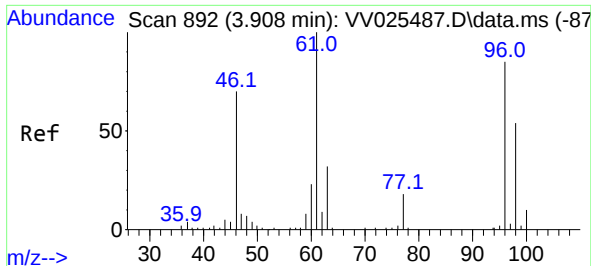
Tgt Ion: 76 Resp: 1468
Ion Ratio Lower Upper
76 100
78 14.7 7.3 10.9#



#18
trans-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

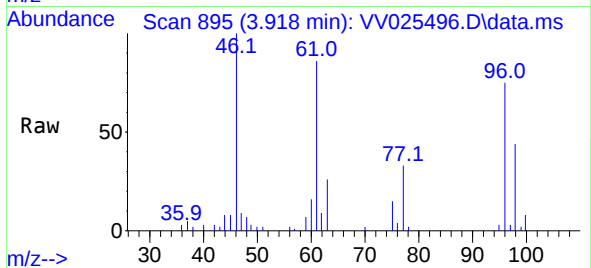
Tgt Ion: 96 Resp: 412
Ion Ratio Lower Upper
96 100
61 90.3 92.1 171.1#
98 48.7 47.5 88.1





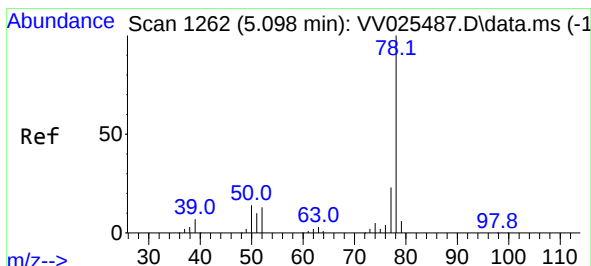
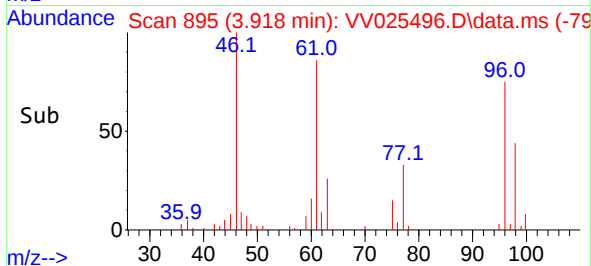
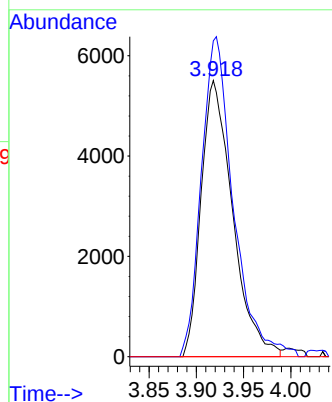
#22
 cis-1,2-Dichloroethene
 Concen: 1.415 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV025496.D
 Acq: 13 Apr 2022 16:46

Instrument :
 MSVOA_V
 ClientSampleId :



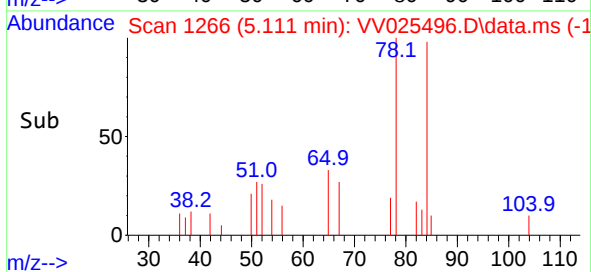
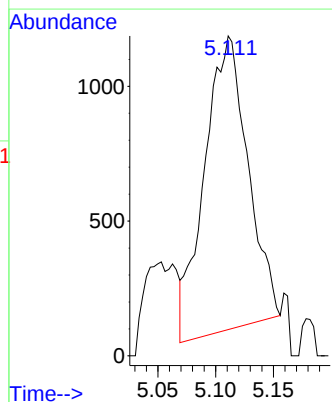
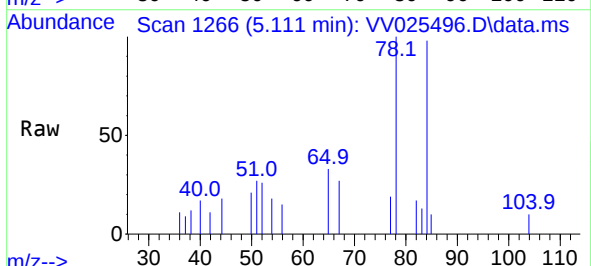
Tgt Ion: 96 Resp: 12784

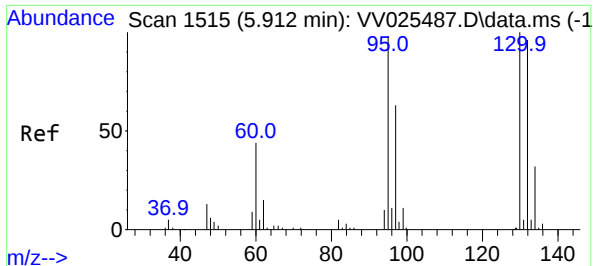
Ion	Ratio	Lower	Upper
96	100		
61	114.4	80.0	148.6
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.081 ug/L
 RT: 5.111 min Scan# 1266
 Delta R.T. 0.013 min
 Lab File: VV025496.D
 Acq: 13 Apr 2022 16:46

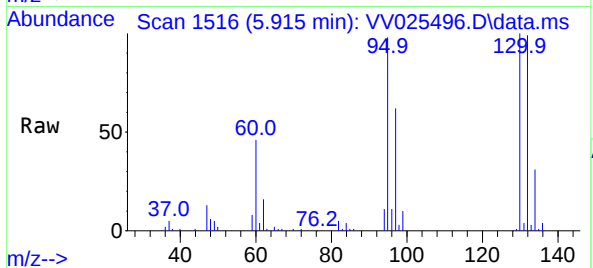
Tgt Ion: 78 Resp: 2855



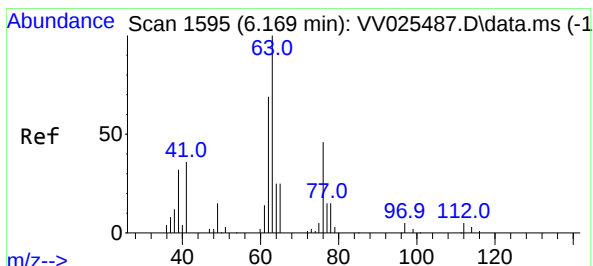
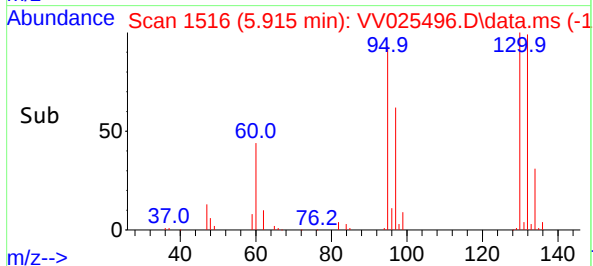
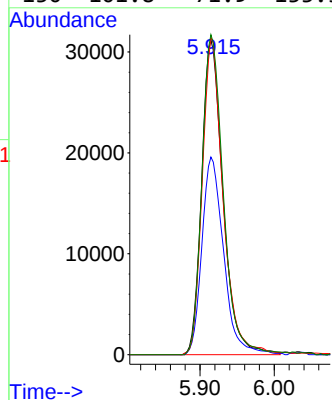


#34
Trichloroethene
Concen: 6.686 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

Instrument :
MSVOA_V
ClientSampleId :

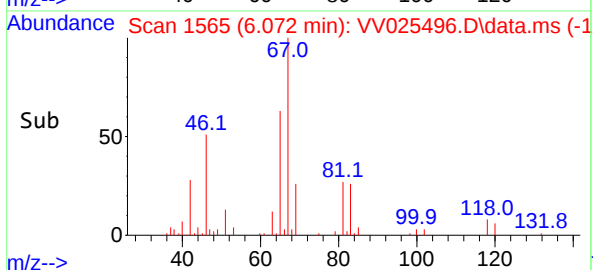
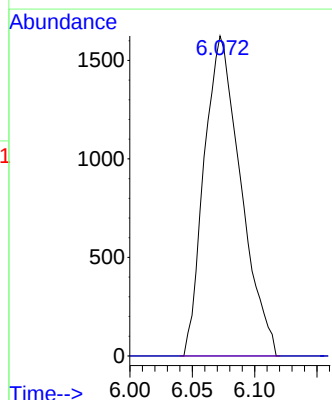
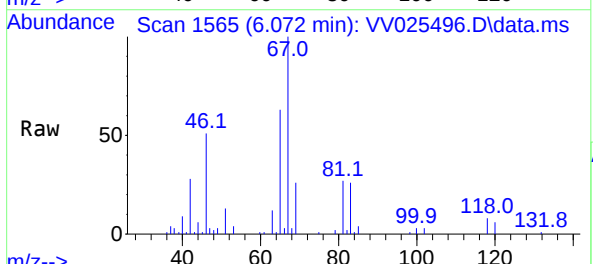


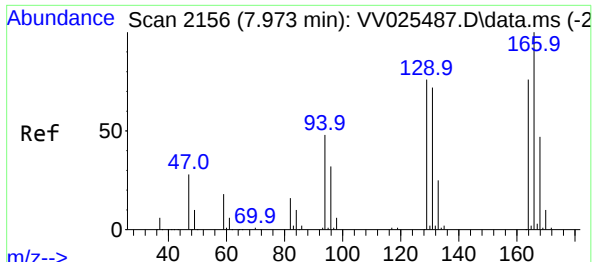
Tgt Ion: 95 Resp: 62368
Ion Ratio Lower Upper
95 100
97 62.9 45.8 85.2
132 100.9 68.0 126.4
130 101.8 71.9 133.5



#37
1,2-Dichloropropane
Concen: 0.409 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

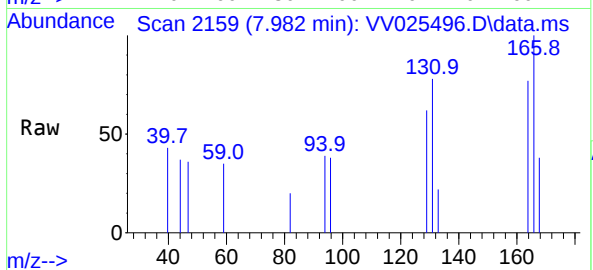
Tgt Ion: 63 Resp: 3320
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



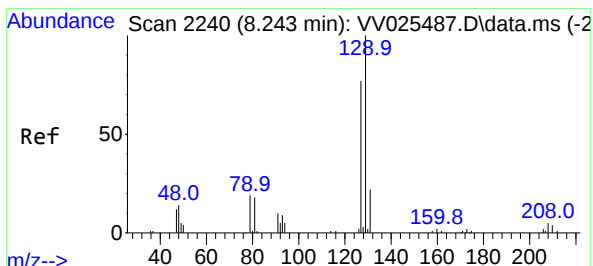
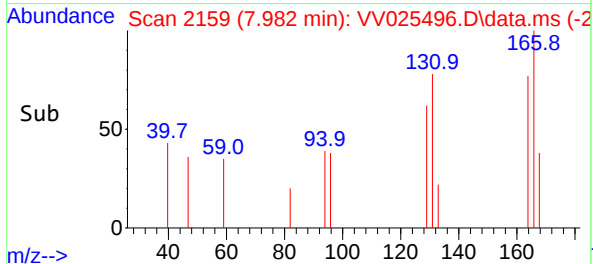
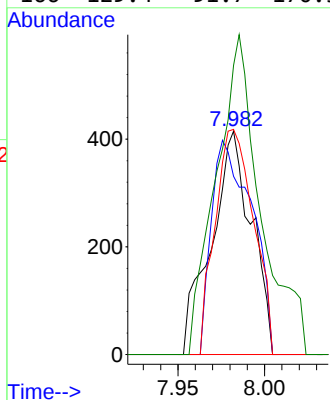


#47
Tetrachloroethene
Concen: 0.092 ug/L
RT: 7.982 min Scan# 2156
Delta R.T. 0.010 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

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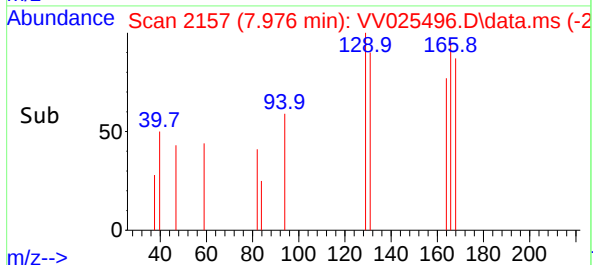
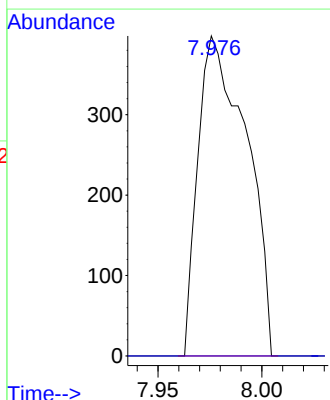
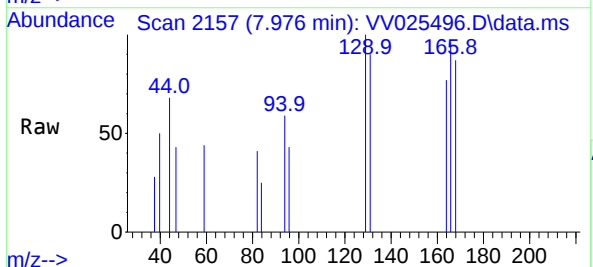


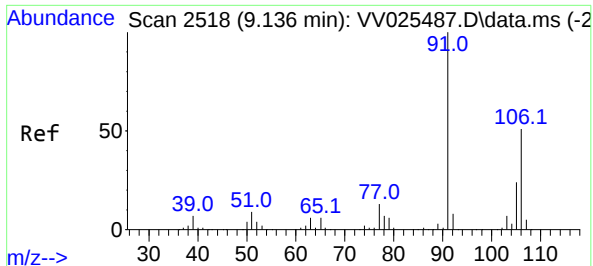
Tgt Ion:164 Resp: 672
Ion Ratio Lower Upper
164 100
129 79.8 66.8 124.2
131 100.7 66.4 123.4
166 129.4 91.7 170.3



#49
Dibromochloromethane
Concen: 0.108 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

Tgt Ion:129 Resp: 646
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#

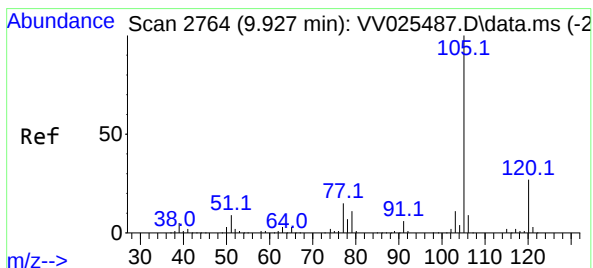
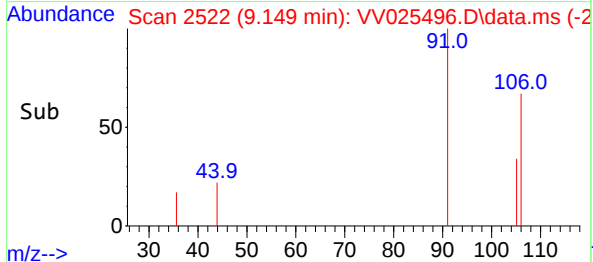
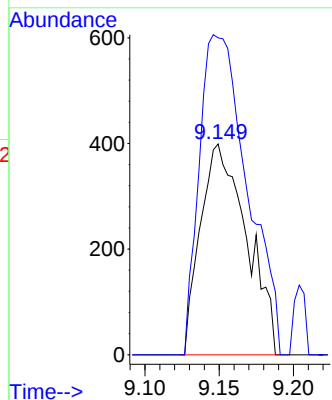
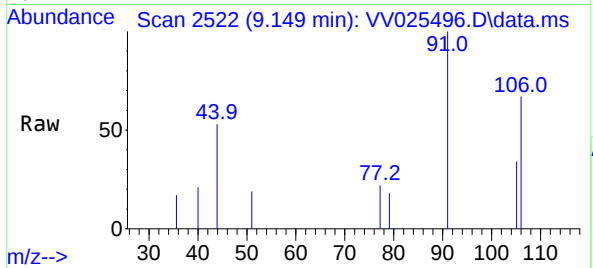




#53
m,p-Xylene
Concen: 0.056 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

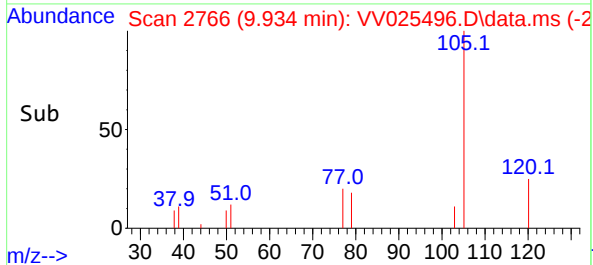
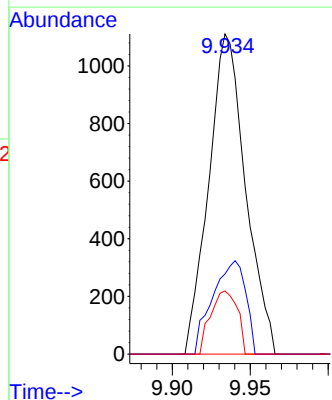
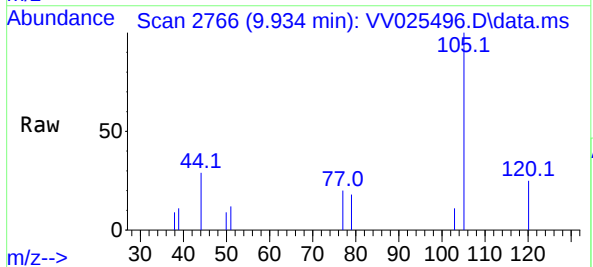
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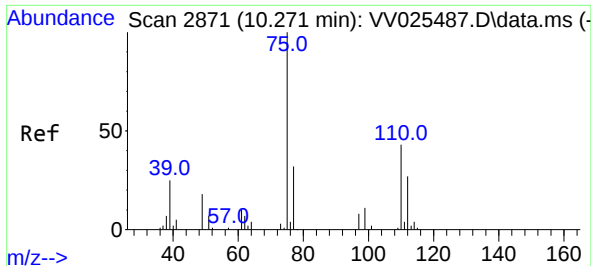
Tgt Ion:106 Resp: 861
Ion Ratio Lower Upper
106 100
91 150.4 136.4 253.4



#60
Isopropylbenzene
Concen: 0.054 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

Tgt Ion:105 Resp: 1821
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 14.3 12.2 18.2

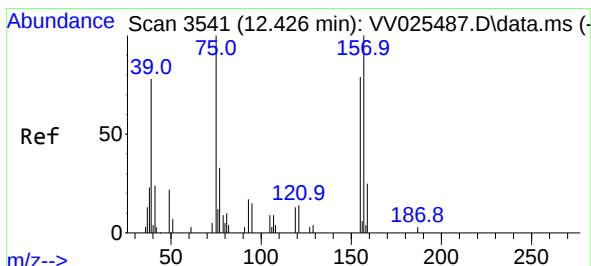
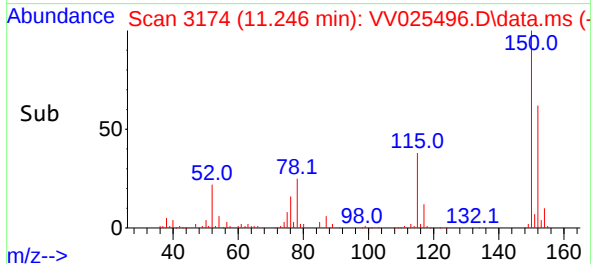
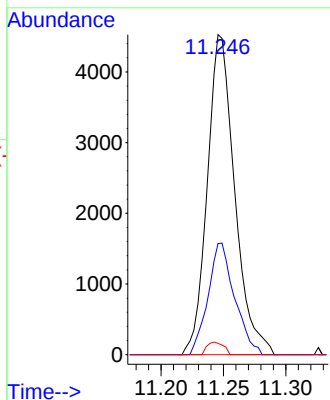
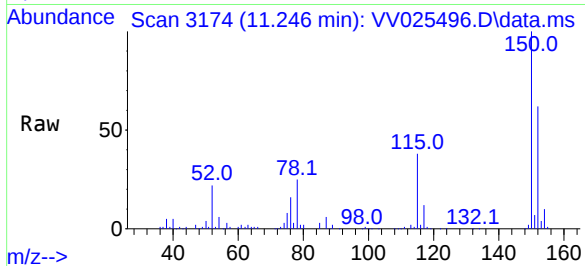




#61
1,2,3-Trichloropropane
Concen: 1.913 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6925
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
110 2.4 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.142 ug/L
RT: 12.242 min Scan# 3484
Delta R.T. -0.183 min
Lab File: VV025496.D
Acq: 13 Apr 2022 16:46

Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

