

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021399.D
 Acq On : 15 Dec 2021 19:06
 Operator : SY/VA
 Sample : M5101-19
 Misc : 6.71g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 01:01:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

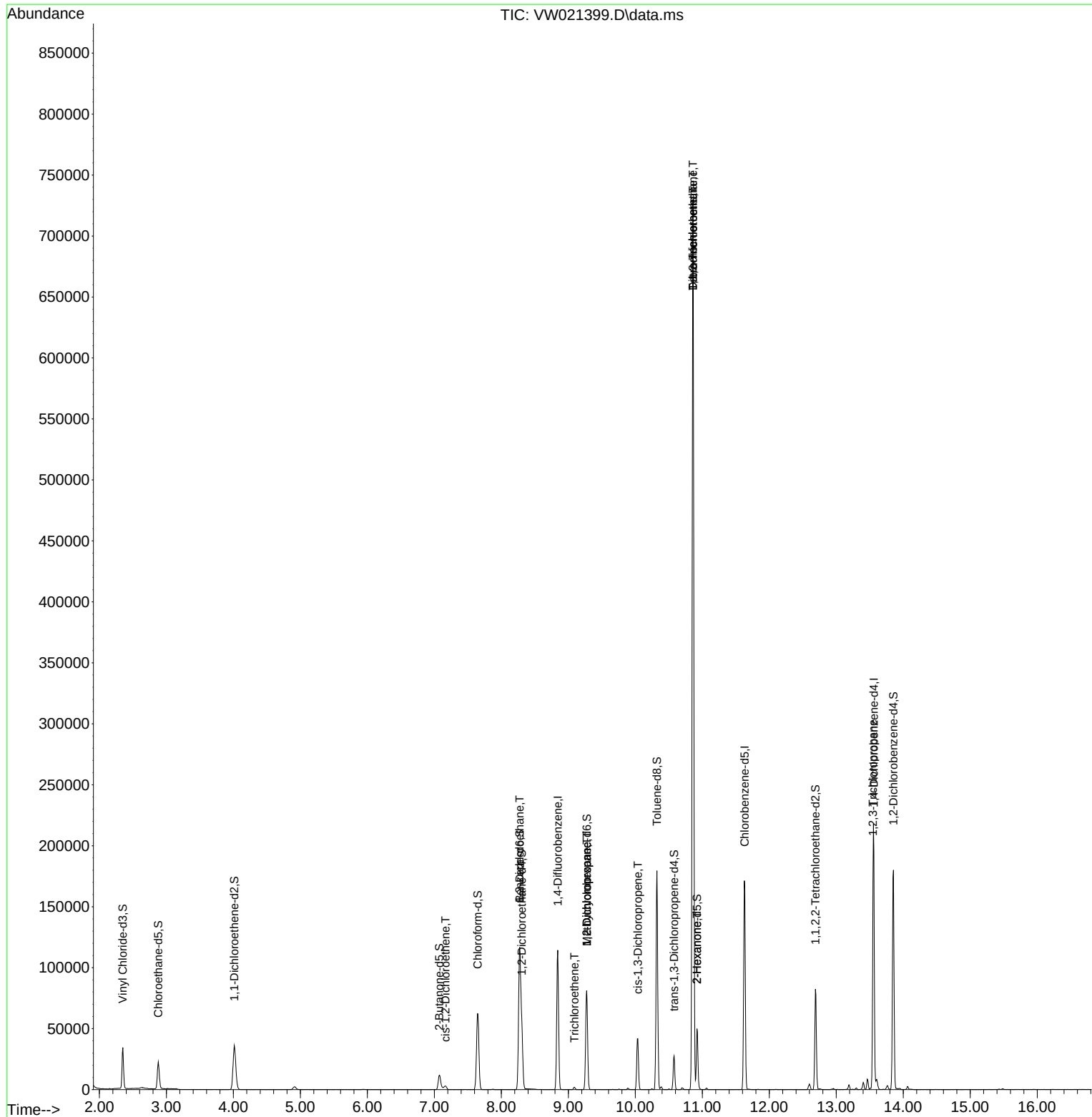
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	96029	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	59322	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31496	18.009	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.040%		
7) Chloroethane-d5	2.879	69	25292	21.875	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.520%		
11) 1,1-Dichloroethene-d2	4.013	63	32842	14.085	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.360%		
21) 2-Butanone-d5	7.074	46	19871	80.602	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	161.200%#		
24) Chloroform-d	7.647	84	63937	23.892	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.560%		
26) 1,2-Dichloroethane-d4	8.305	65	38448	27.009	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.040%		
32) Benzene-d6	8.275	84	119067	22.006	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.040%		
36) 1,2-Dichloropropane-d6	9.274	67	35020	24.134	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.520%		
41) Toluene-d8	10.323	98	114648	20.739	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.960%		
43) trans-1,3-Dichloroprop...	10.579	79	14590	21.837	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.360%		
47) 2-Hexanone-d5	10.921	63	16889	78.711	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	157.420%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36972	29.640	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	118.560%		
66) 1,2-Dichlorobenzene-d4	13.853	152	46669	20.299	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.200%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.165	96	1616	1.189	ug/L #	63
27) 1,2-Dichloroethane	8.275	62	816	0.549	ug/L #	77
34) Trichloroethene	9.092	95	712	0.472	ug/L	88
35) Methylcyclohexane	9.274	83	9254	3.717	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4445	3.706	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1254	0.663	ug/L	86
45) 1,1,2-Trichloroethane	10.860	97	1355	1.380	ug/L #	8
46) Tetrachloroethene	10.860	164	159488	111.226	ug/L	96
48) 2-Hexanone	10.921	43	2143	4.522	ug/L #	68
49) Dibromochloromethane	10.860	129	134206	110.894	ug/L #	10
61) 1,2,3-Trichloropropane	13.548	75	6248	7.237	ug/L #	68

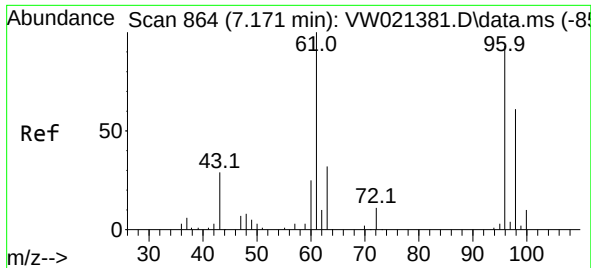
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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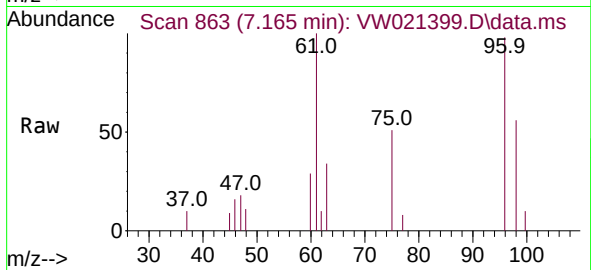
Quant Time: Dec 16 01:01:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration



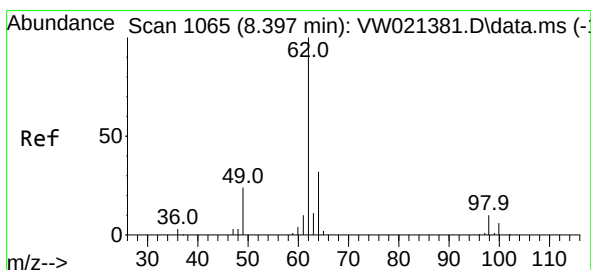
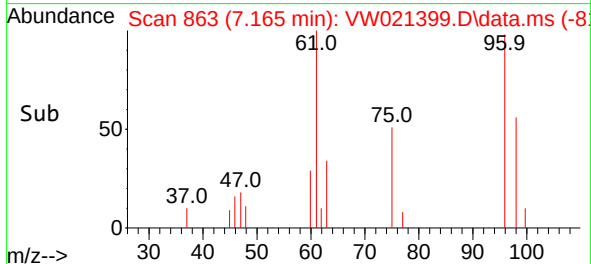
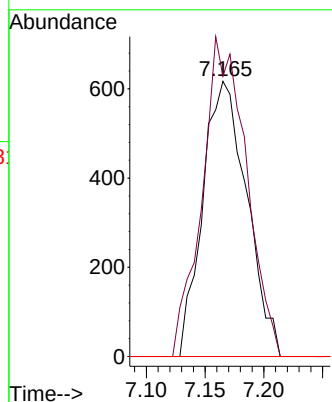


#20
 cis-1,2-Dichloroethene
 Concen: 1.189 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW021399.D
 Acq: 15 Dec 2021 19:06

Instrument :
 MSVOA_W
 ClientSampleId :

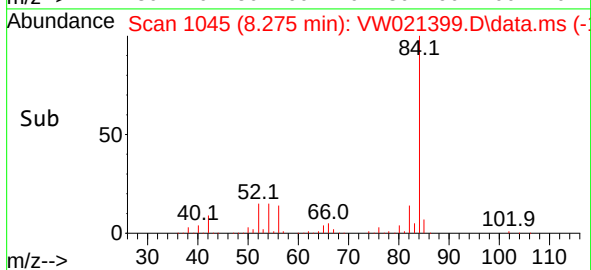
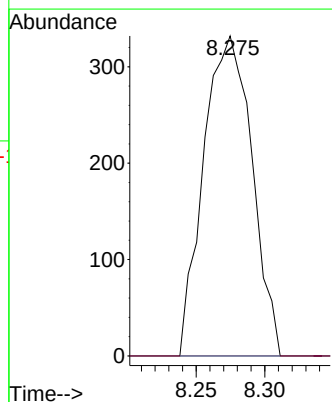
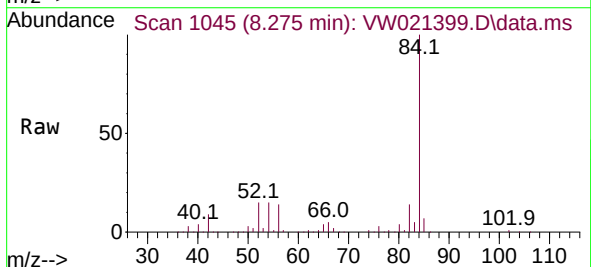


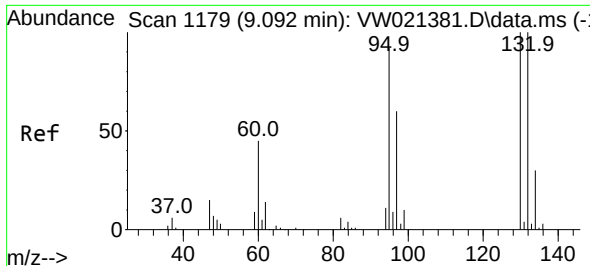
Tgt Ion: 96 Resp: 1616
 Ion Ratio Lower Upper
 96 100
 61 101.8 103.7 192.7#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.549 ug/L
 RT: 8.275 min Scan# 1045
 Delta R.T. -0.122 min
 Lab File: VW021399.D
 Acq: 15 Dec 2021 19:06

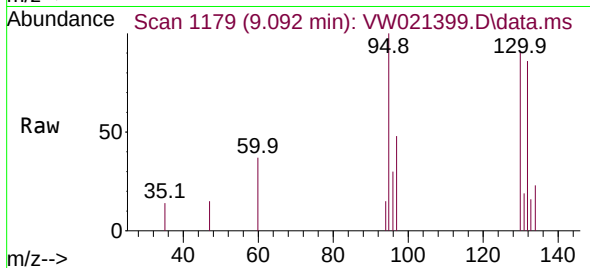
Tgt Ion: 62 Resp: 816
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#





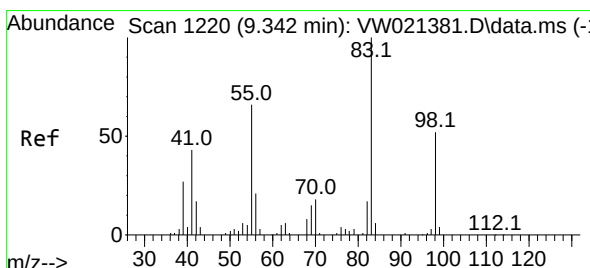
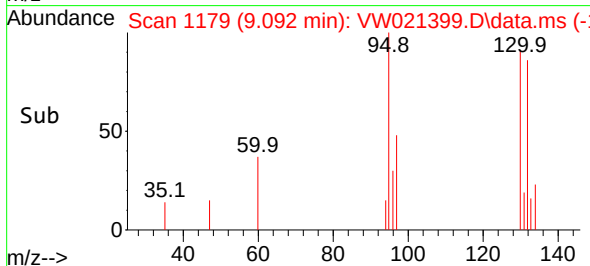
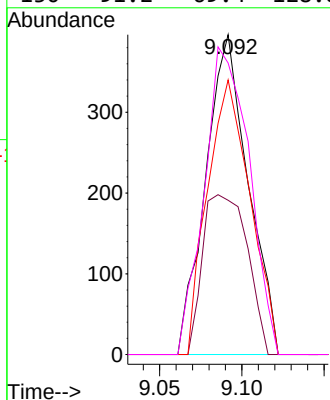
#34
Trichloroethene
Concen: 0.472 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021399.D
Acq: 15 Dec 2021 19:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 712

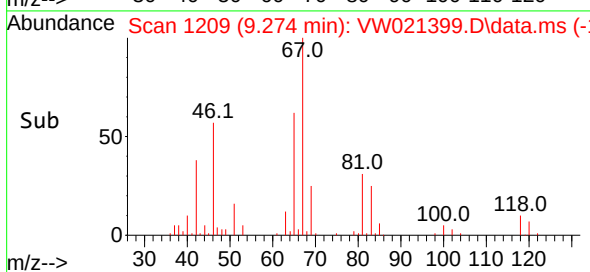
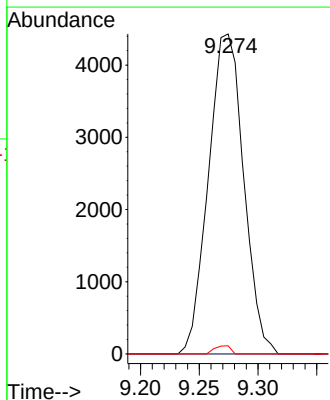
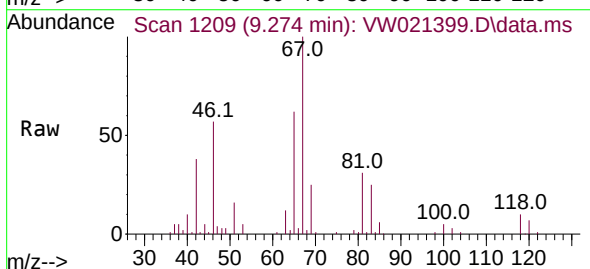
Ion	Ratio	Lower	Upper
95	100		
97	48.2	47.0	87.2
132	101.5	65.5	121.6
130	91.2	69.4	128.8

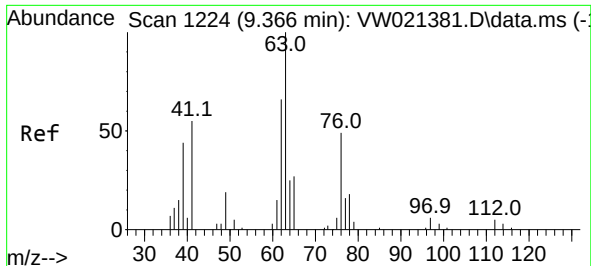


#35
Methylcyclohexane
Concen: 3.717 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW021399.D
Acq: 15 Dec 2021 19:06

Tgt Ion: 83 Resp: 9254

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.2	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.706 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021399.D

Acq: 15 Dec 2021 19:06

Instrument :

MSVOA_W

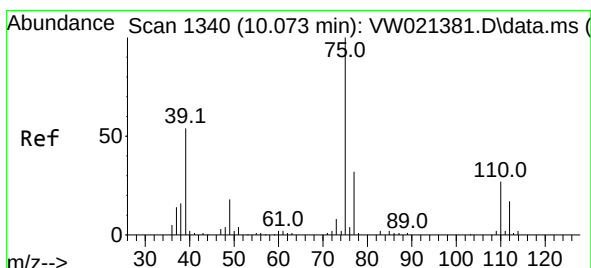
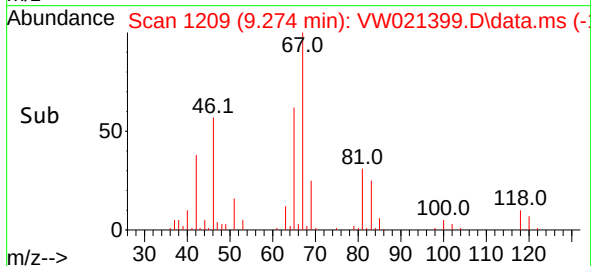
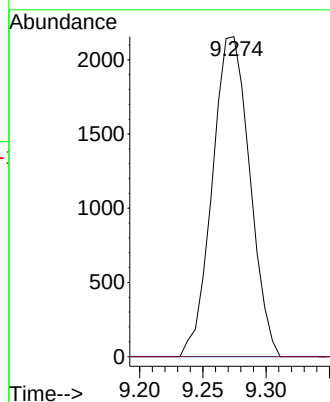
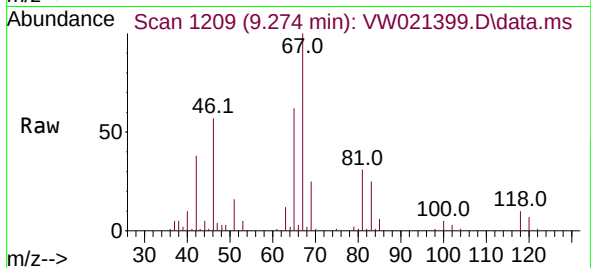
ClientSampleId :

Tgt Ion: 63 Resp: 4445

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021399.D

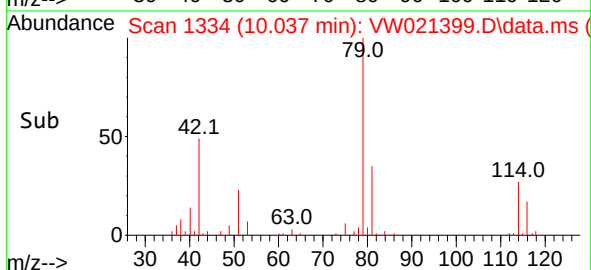
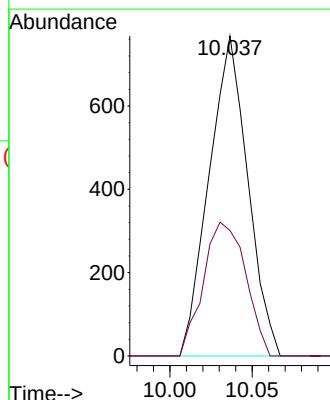
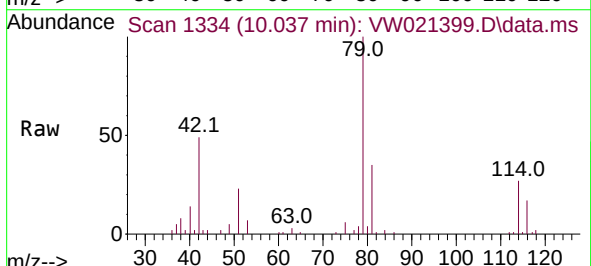
Acq: 15 Dec 2021 19:06

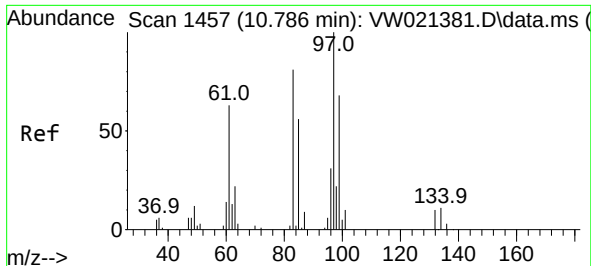
Tgt Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

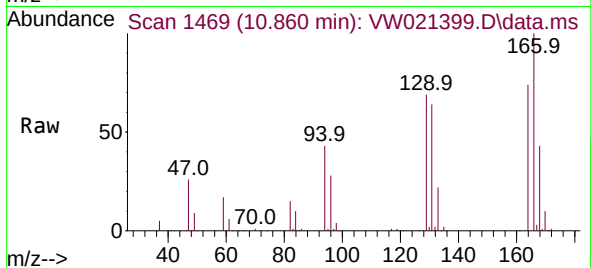
77 39.2 21.8 40.6



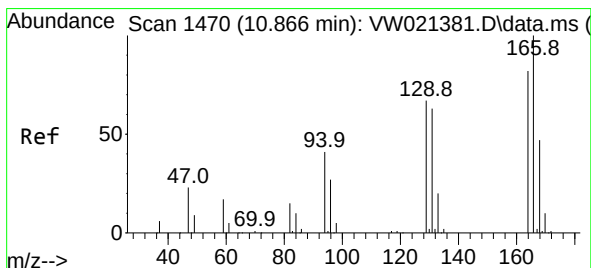
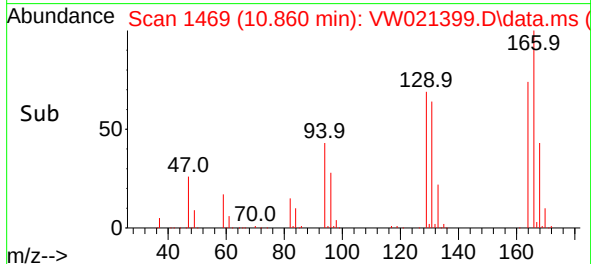
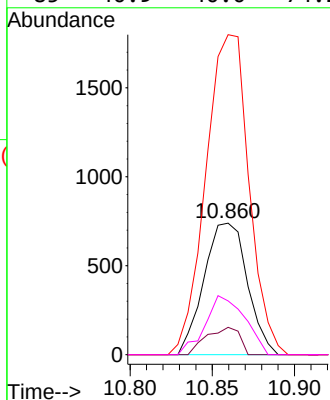


#45
1,1,2-Trichloroethane
Concen: 1.380 ug/L
RT: 10.860 min Scan# 1457
Delta R.T. 0.073 min
Lab File: VW021399.D
Acq: 15 Dec 2021 19:06

Instrument :
MSVOA_W
ClientSampleId :

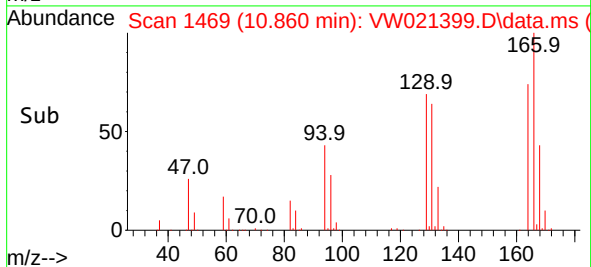
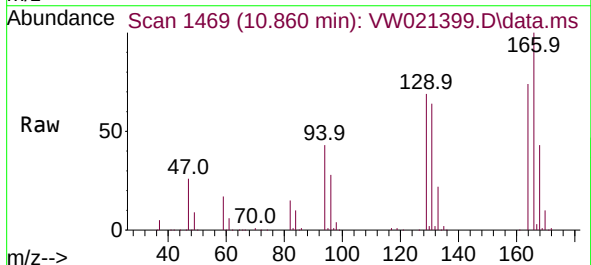
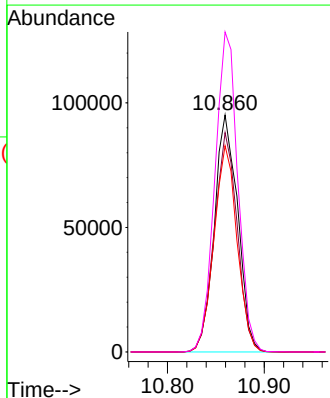


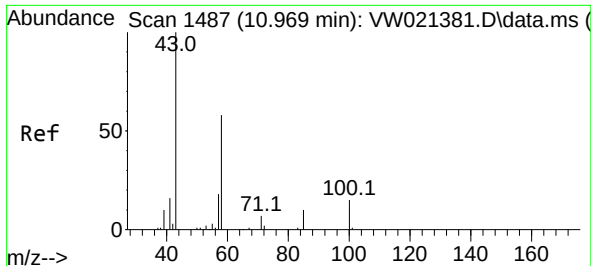
Tgt Ion: 97 Resp: 1355
Ion Ratio Lower Upper
97 100
99 20.8 43.0 79.8#
83 243.4 62.6 116.3#
85 40.9 40.0 74.2



#46
Tetrachloroethene
Concen: 111.226 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021399.D
Acq: 15 Dec 2021 19:06

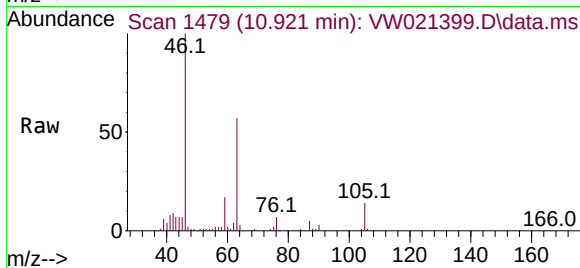
Tgt Ion:164 Resp: 159488
Ion Ratio Lower Upper
164 100
129 92.6 65.5 121.7
131 87.0 59.7 110.9
166 135.0 88.7 164.7



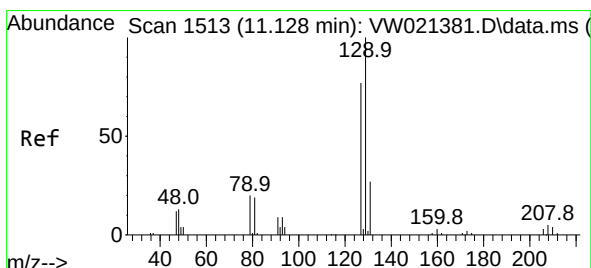
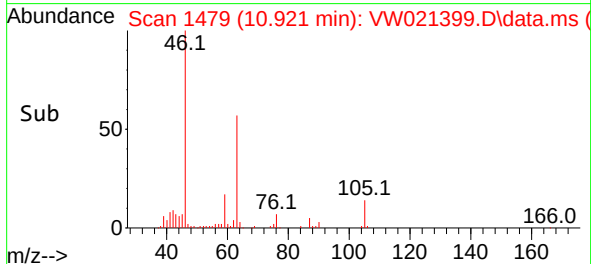
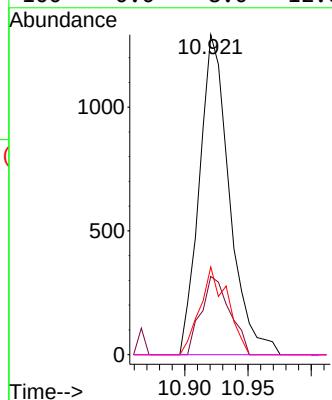


#48
2-Hexanone
Concen: 4.522 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021399.D
Acq: 15 Dec 2021 19:06

Instrument :
MSVOA_W
ClientSampleId :

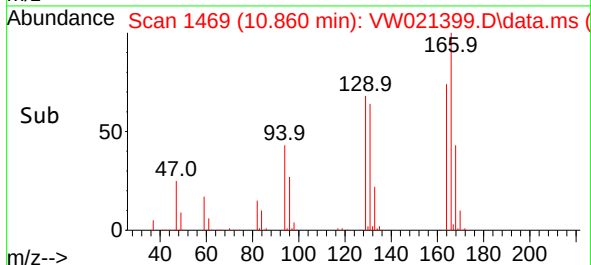
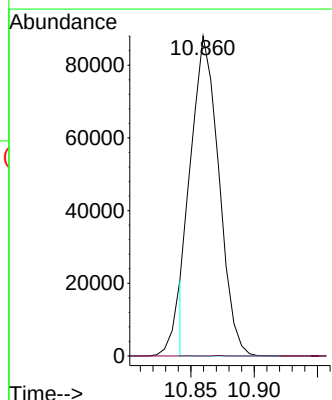
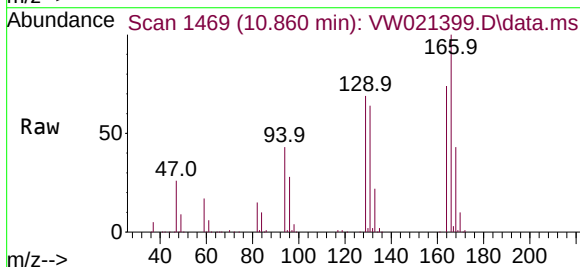


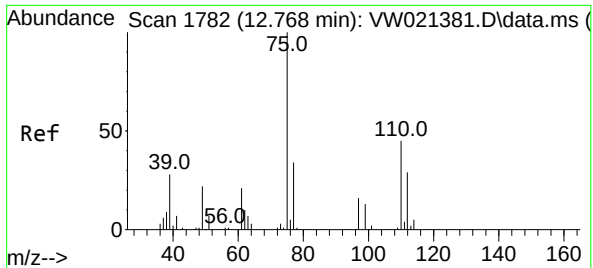
Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
58 23.3 40.2 60.2#
57 25.2 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 110.894 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021399.D
Acq: 15 Dec 2021 19:06

Tgt Ion: 129 Resp: 134206
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.237 ug/L
 RT: 13.548 min Scan# 1910
 Delta R.T. 0.780 min
 Lab File: VW021399.D
 Acq: 15 Dec 2021 19:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75	Resp:	6248
Ion Ratio	Lower	Upper
75	100	
77	35.9	25.8 38.8
110	3.8	29.0 43.4#

