

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026337.D
 Acq On : 16 Jun 2022 16:33
 Operator : SY/MD
 Sample : N3275-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BE1

Quant Time: Jun 17 05:22:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

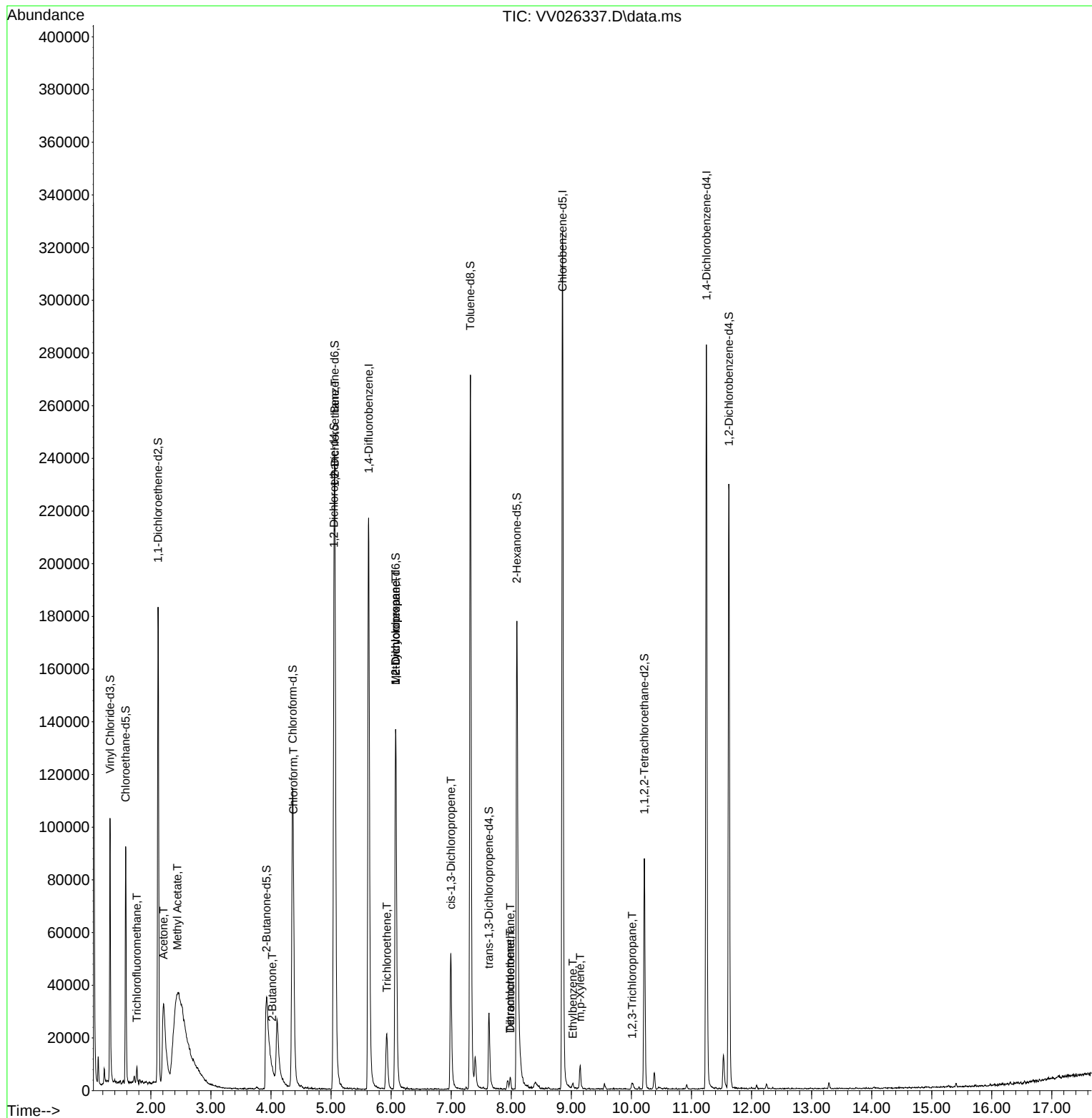
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	194970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	188763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	68190	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.580	69	57905	4.349	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.121	63	94445	3.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.928	46	89534	54.184	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.360%
24) Chloroform-d	4.362	84	124068	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.047	65	49906	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.059	84	232608	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.075	67	71108	4.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.320	98	184587	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.628	79	18006	3.770	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.091	63	61818	42.848	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42257	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	59203	5.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.767	101	3350	0.144	ug/L	97
13) Acetone	2.211	43	82664	64.552	ug/L	85
15) Methyl Acetate	2.439	43	9872	3.213	ug/L #	48
21) 2-Butanone	4.021	43	1856	1.120	ug/L	85
25) Chloroform	4.375	83	1830	0.074	ug/L #	66
27) 1,2-Dichloroethane	5.066	62	1304	0.116	ug/L #	71
34) Trichloroethene	5.931	95	7099	0.537	ug/L	98
35) Methylcyclohexane	6.075	83	16486	0.902	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7426	0.587	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1379	0.095	ug/L	85
47) Tetrachloroethene	7.982	164	1060	0.108	ug/L	92
49) Dibromochloromethane	7.985	129	853	0.093	ug/L #	9
52) Ethylbenzene	9.027	91	1792	0.035	ug/L	97
53) m,p-Xylene	9.146	106	3206	0.161	ug/L	80
61) 1,2,3-Trichloropropane	10.011	75	1775	0.367	ug/L #	39

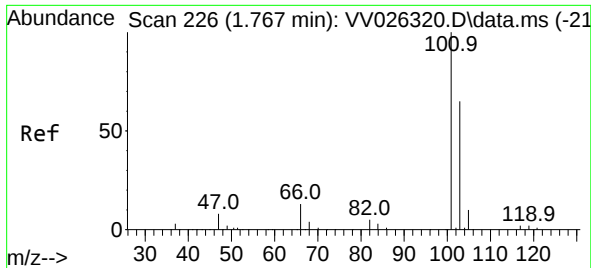
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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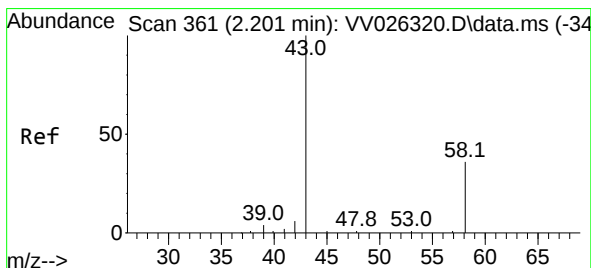
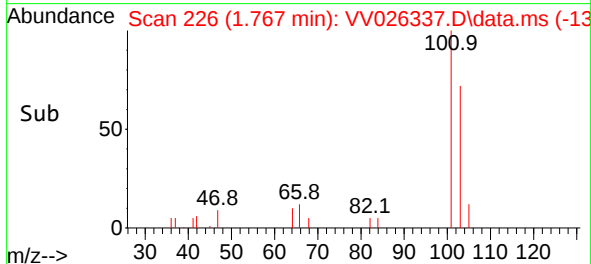
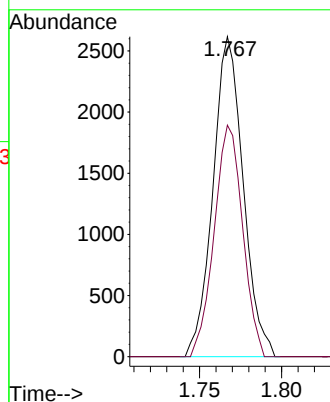
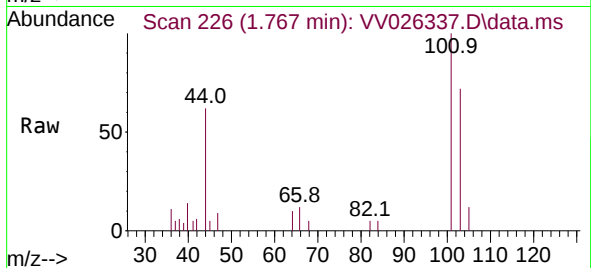




#9
Trichlorofluoromethane
Concen: 0.144 ug/L
RT: 1.767 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

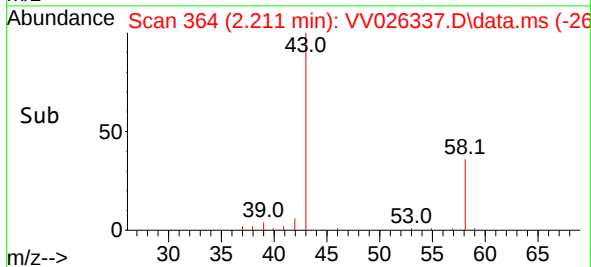
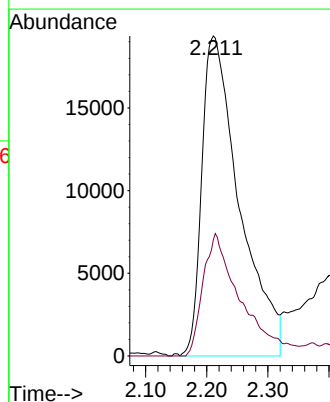
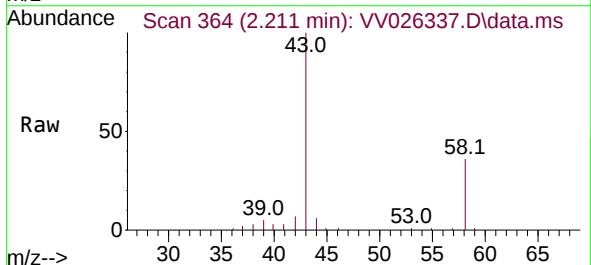
Instrument :
MSVOA_V
ClientSampleId :
COBE1

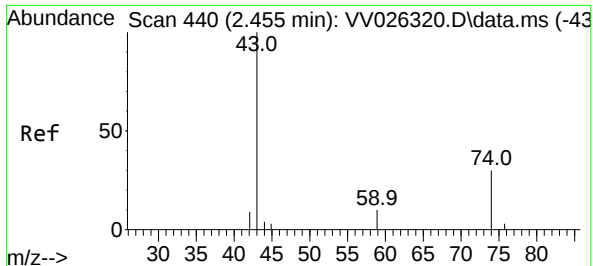
Tgt Ion:101 Resp: 3350
Ion Ratio Lower Upper
101 100
103 67.9 52.3 78.5



#13
Acetone
Concen: 64.552 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.010 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

Tgt Ion: 43 Resp: 82664
Ion Ratio Lower Upper
43 100
58 38.3 0.0 60.0

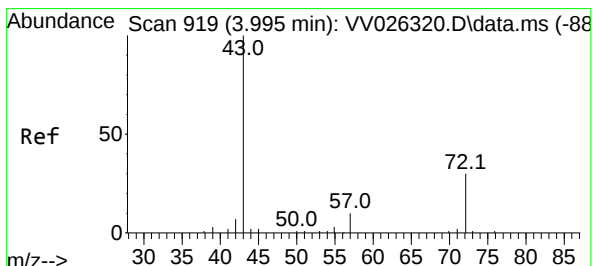
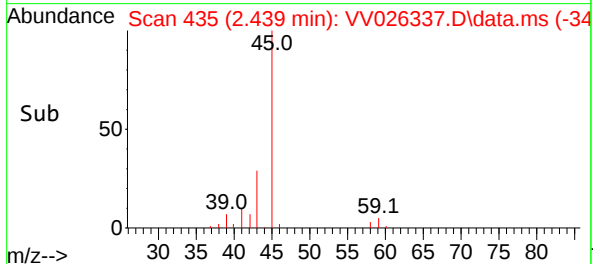
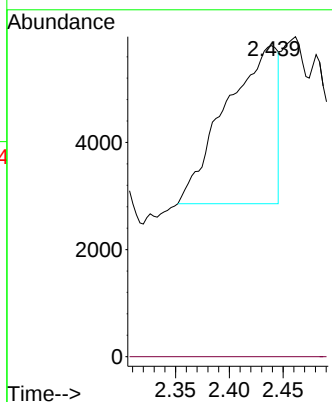
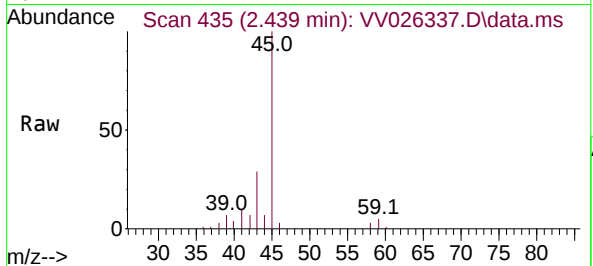




#15
Methyl Acetate
Concen: 3.213 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

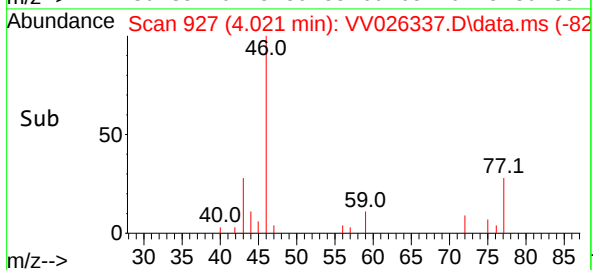
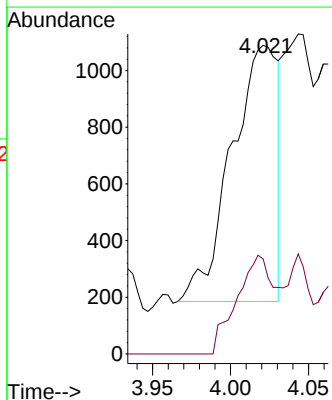
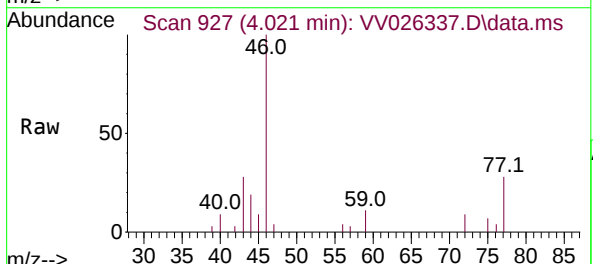
Instrument :
MSVOA_V
ClientSampleId :
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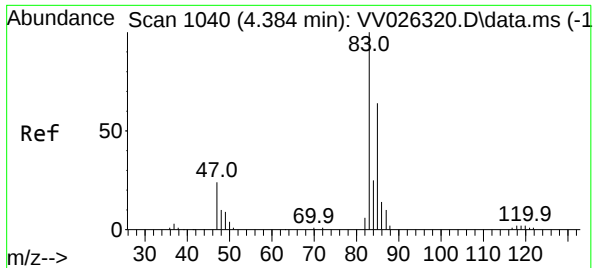
Tgt Ion: 43 Resp: 9872
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#21
2-Butanone
Concen: 1.120 ug/L
RT: 4.021 min Scan# 927
Delta R.T. 0.026 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
72 33.1 12.7 38.0

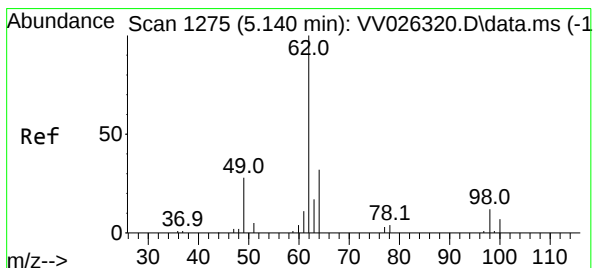
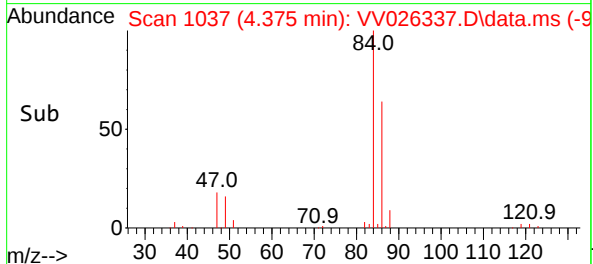
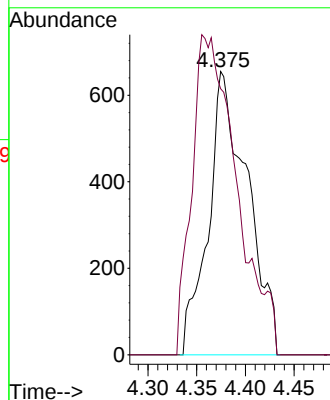
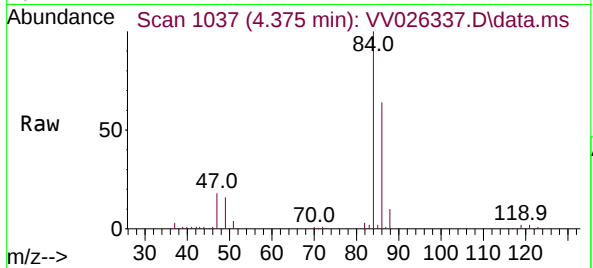




#25
Chloroform
Concen: 0.074 ug/L
RT: 4.375 min Scan# 1040
Delta R.T. -0.010 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

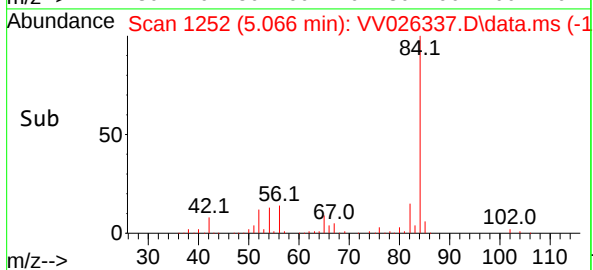
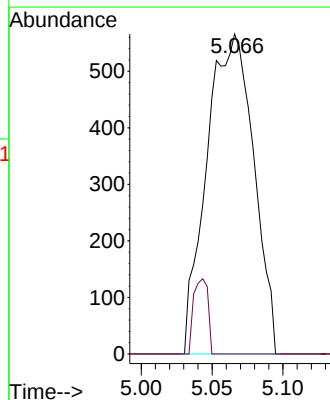
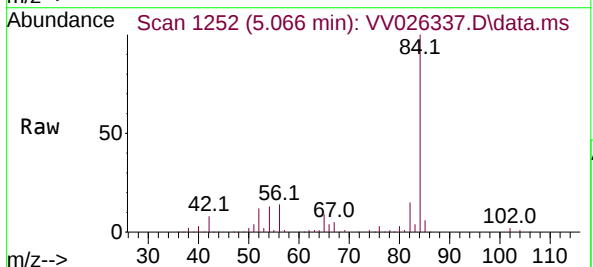
Instrument :
MSVOA_V
ClientSampleId :
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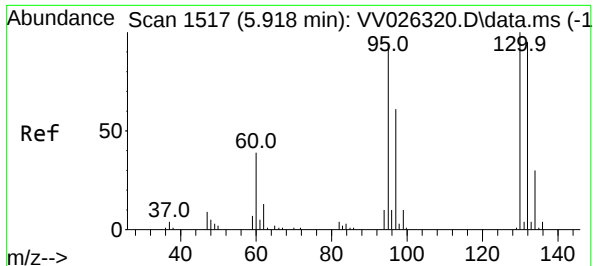
Tgt Ion: 83 Resp: 1830
Ion Ratio Lower Upper
83 100
85 93.9 46.5 86.3#



#27
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 5.066 min Scan# 1252
Delta R.T. -0.074 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

Tgt Ion: 62 Resp: 1304
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#

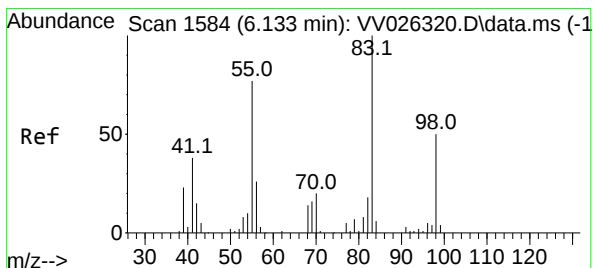
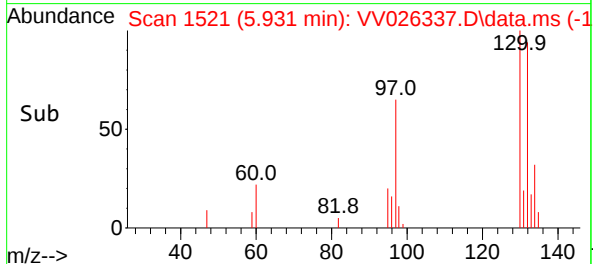
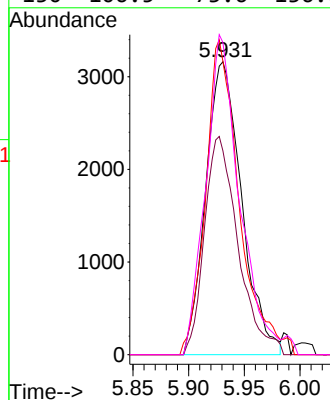
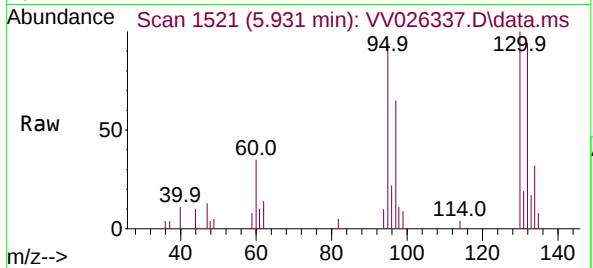




#34
Trichloroethene
Concen: 0.537 ug/L
RT: 5.931 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

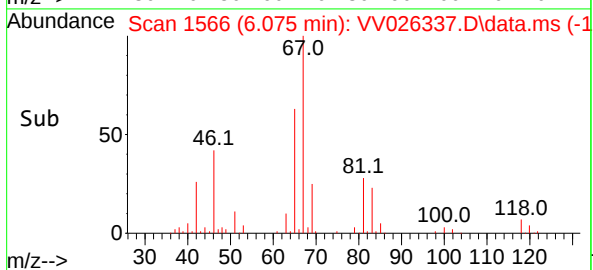
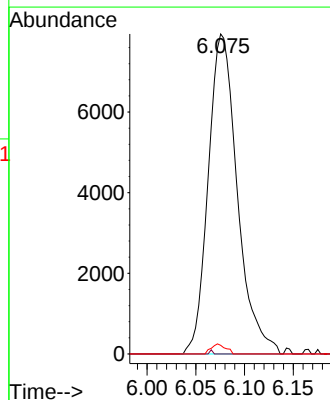
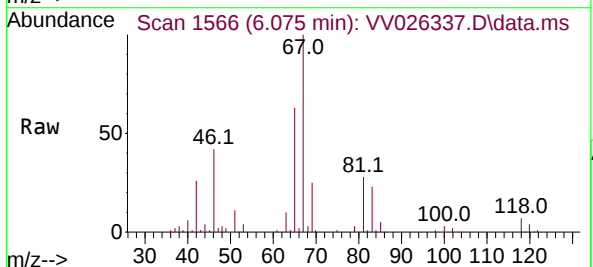
Instrument :
MSVOA_V
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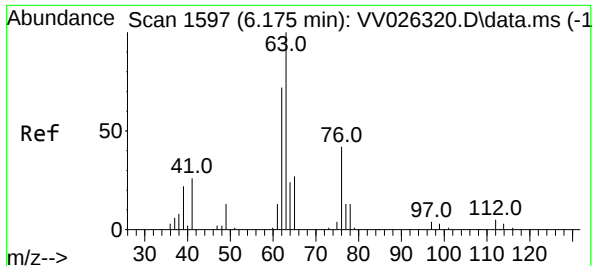
Tgt Ion:	95	Resp:	7099
Ion	Ratio	Lower	Upper
95	100		
97	69.6	46.5	86.3
132	100.1	68.8	127.8
130	106.5	73.6	136.6



#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026337.D
Acq: 16 Jun 2022 16:33

Tgt Ion:	83	Resp:	16486
Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.3	88.9#
98	1.5	39.9	59.9#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026337.D

Acq: 16 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

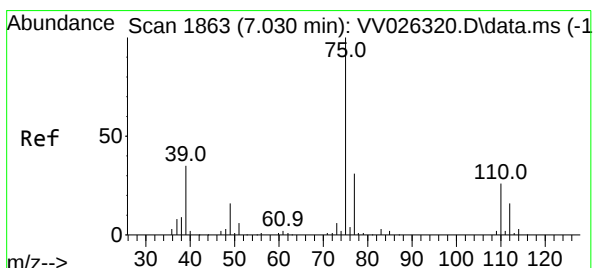
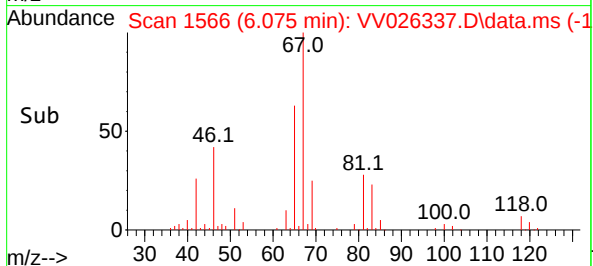
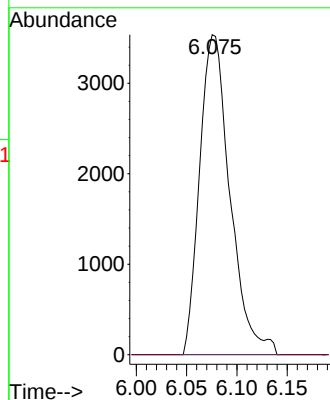
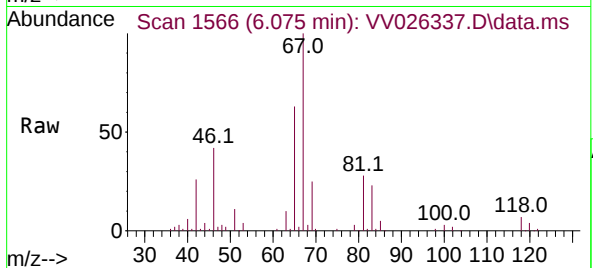
C0BE1

Tgt Ion: 63 Resp: 7426

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026337.D

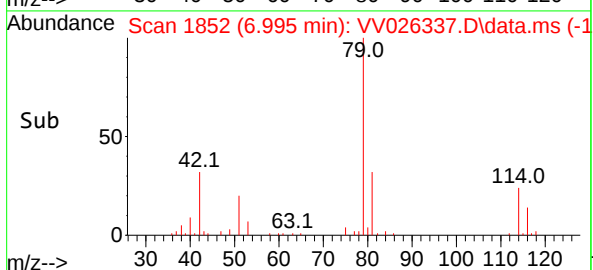
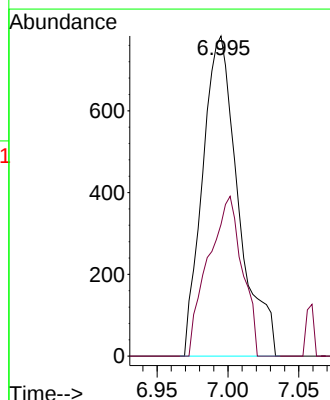
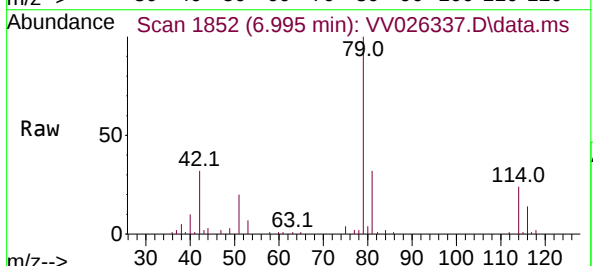
Acq: 16 Jun 2022 16:33

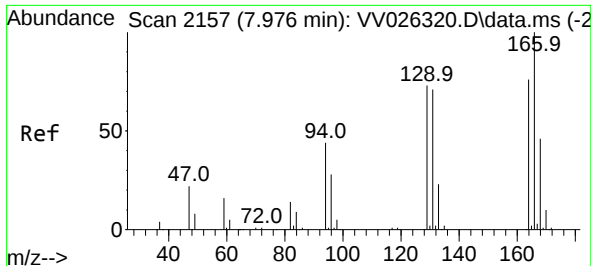
Tgt Ion: 75 Resp: 1379

Ion Ratio Lower Upper

75 100

77 41.1 23.0 42.6





#47

Tetrachloroethene

Concen: 0.108 ug/L

RT: 7.982 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV026337.D

Acq: 16 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

C0BE1

Tgt Ion:164 Resp: 1060

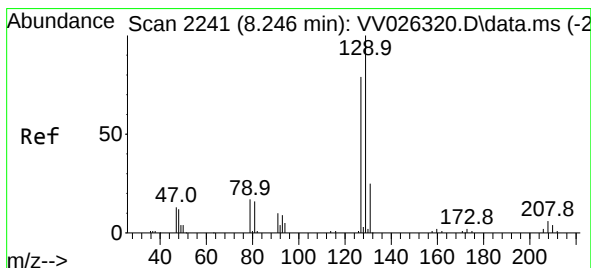
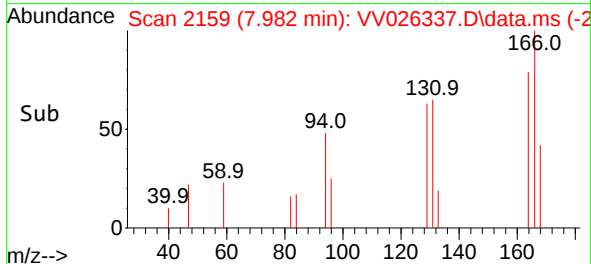
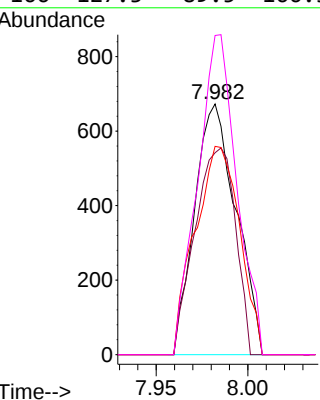
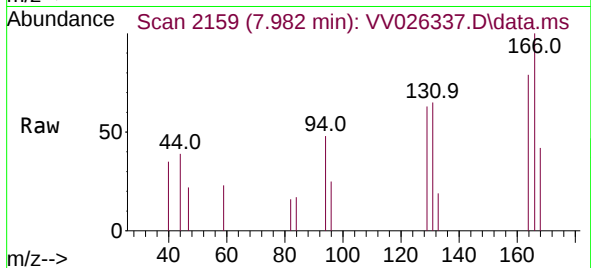
Ion Ratio Lower Upper

164 100

129 80.5 67.5 125.3

131 83.1 63.8 118.4

166 127.3 89.5 166.3



#49

Dibromochloromethane

Concen: 0.093 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV026337.D

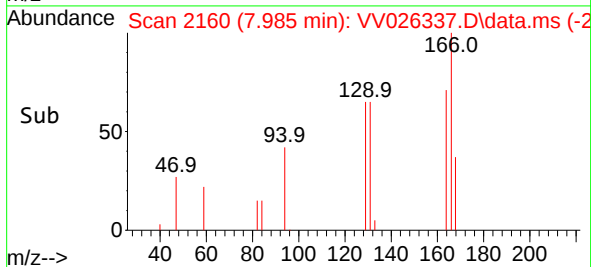
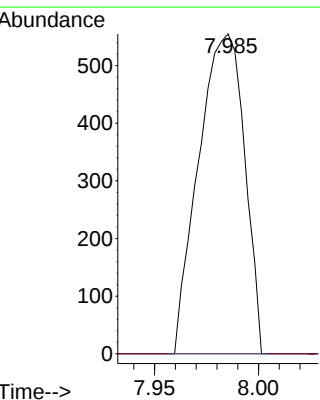
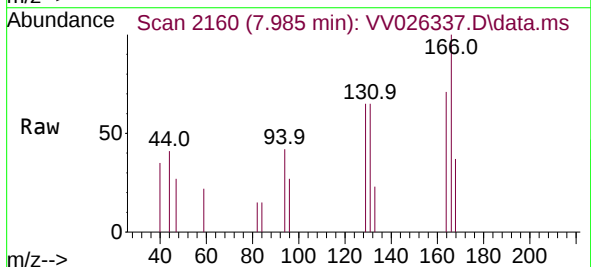
Acq: 16 Jun 2022 16:33

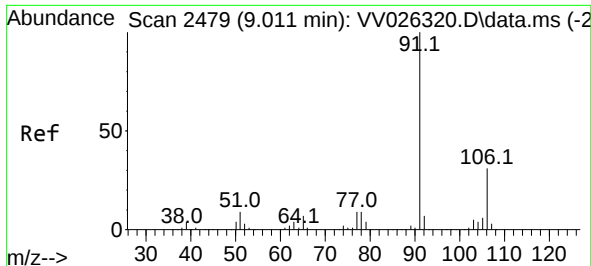
Tgt Ion:129 Resp: 853

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#





#52

Ethylbenzene

Concen: 0.035 ug/L

RT: 9.027 min Scan# 2479

Delta R.T. 0.016 min

Lab File: VV026337.D

Acq: 16 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

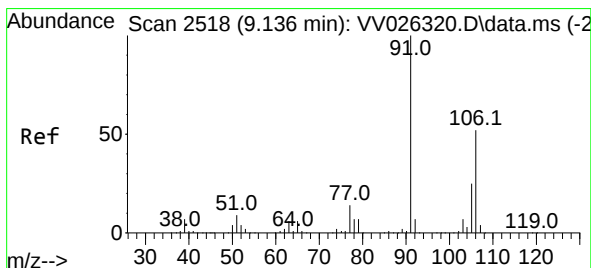
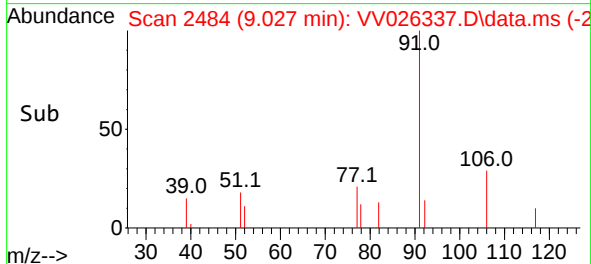
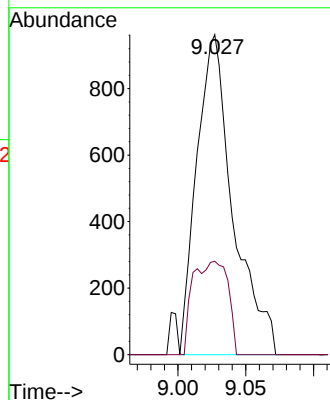
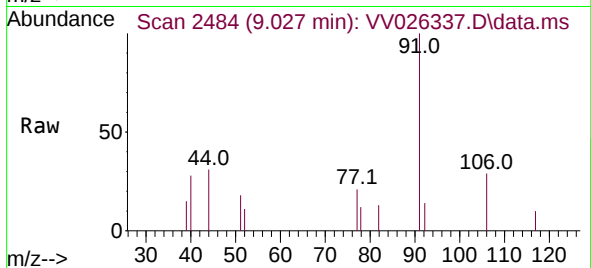
C0BE1

Tgt Ion: 91 Resp: 1792

Ion Ratio Lower Upper

91 100

106 29.2 21.6 40.0



#53

m,p-Xylene

Concen: 0.161 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026337.D

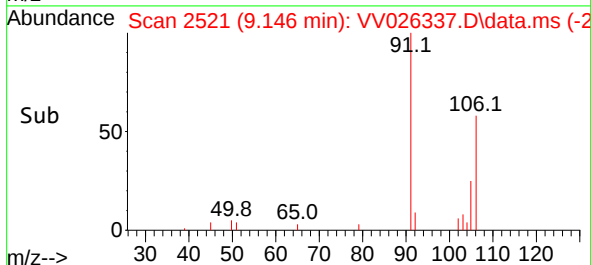
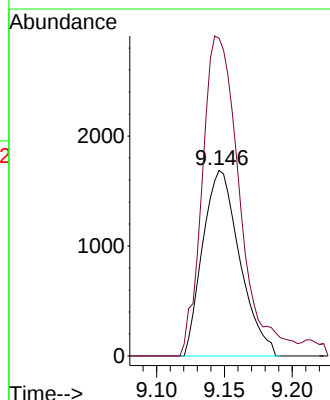
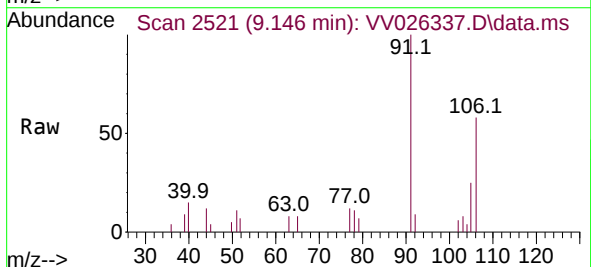
Acq: 16 Jun 2022 16:33

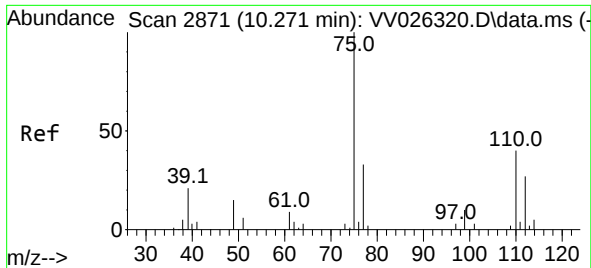
Tgt Ion: 106 Resp: 3206

Ion Ratio Lower Upper

106 100

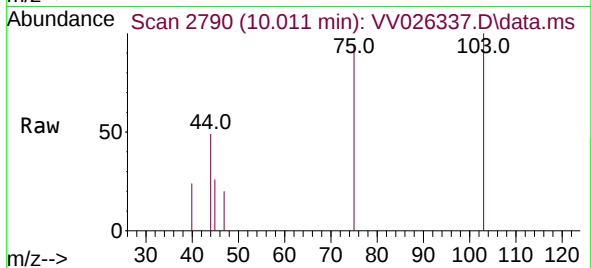
91 171.1 141.3 262.3





#61
 1,2,3-Trichloropropane
 Concen: 0.367 ug/L
 RT: 10.011 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VV026337.D
 Acq: 16 Jun 2022 16:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BE1



Tgt Ion: 75	Resp:	1775	
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.9	40.3#
110	0.0	30.7	46.1#

