

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025209.D
 Acq On : 26 Mar 2022 19:33
 Operator : SY/MD
 Sample : N2097-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2

Quant Time: Mar 28 02:03:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

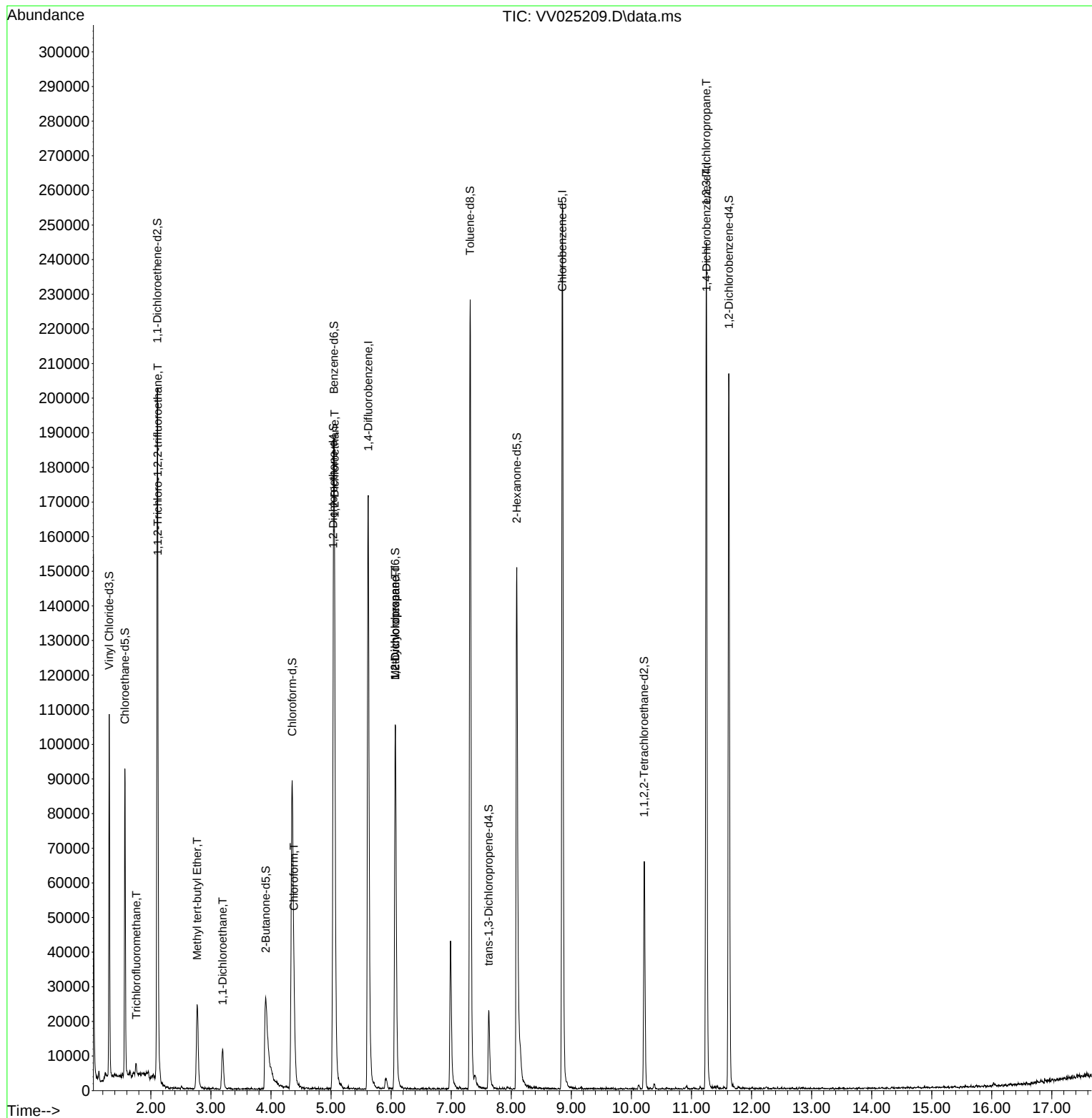
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151024	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63407	4.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.568	69	55050	4.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.108	63	101637	3.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.912	46	64033	45.568	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.140%
24) Chloroform-d	4.352	84	87286	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.037	65	39205	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.050	84	180305	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.069	67	50541	4.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	155490	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.625	79	14540	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.091	63	56474	46.553	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32030	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	51823	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	1790	0.067	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	5240	0.328	ug/L	87
17) Methyl tert-butyl Ether	2.770	73	26023	1.353	ug/L	95
19) 1,1-Dichloroethane	3.195	63	12379	0.679	ug/L	96
25) Chloroform	4.381	83	21636	1.070	ug/L	100
27) 1,2-Dichloroethane	5.059	62	1160	0.111	ug/L #	73
35) Methylcyclohexane	6.069	83	13429	0.733	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5611	0.568	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	8174	1.730	ug/L #	65

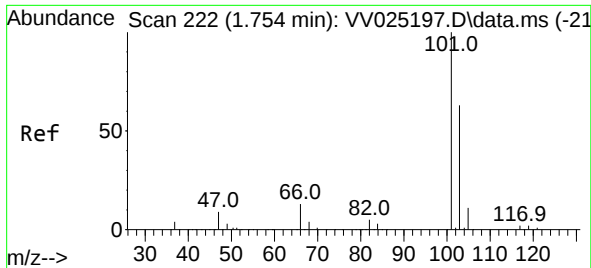
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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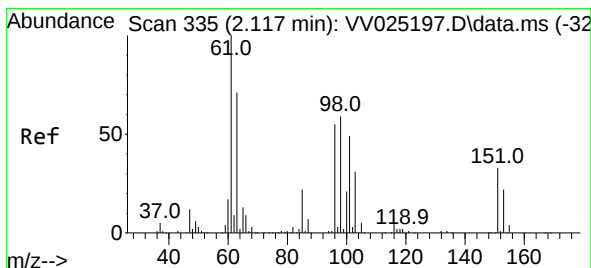
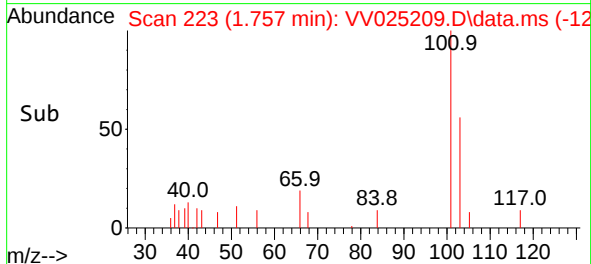
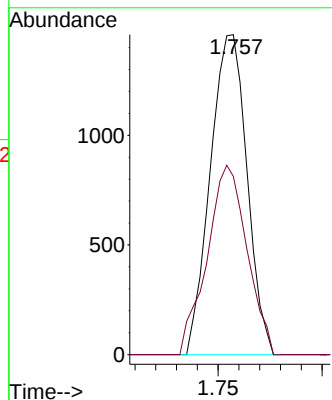
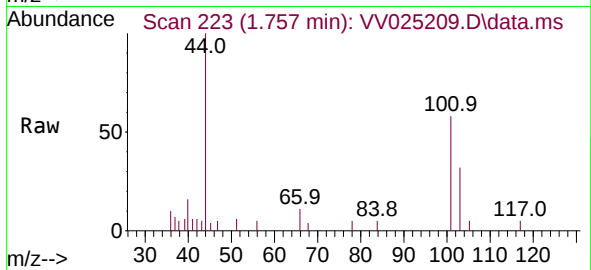




#9
Trichlorofluoromethane
Concen: 0.067 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

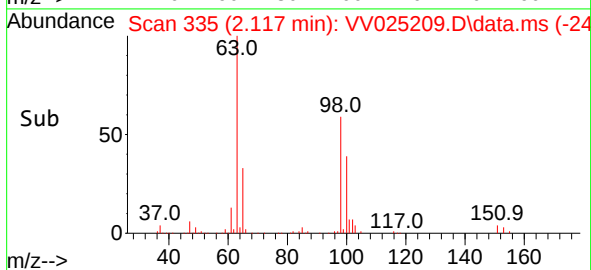
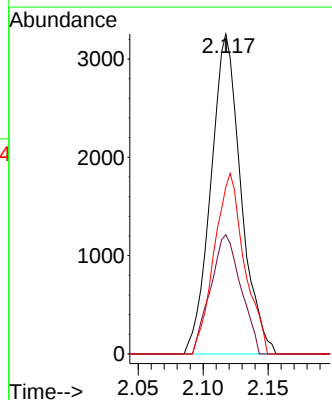
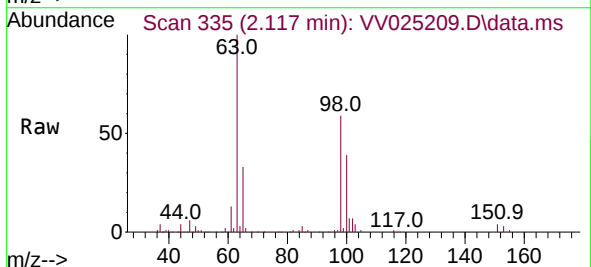
Instrument :
MSVOA_V
ClientSampleId :
C0AD2

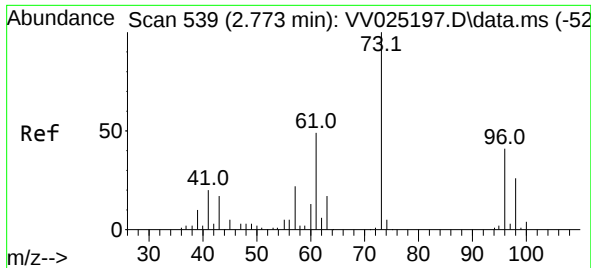
Tgt Ion:101 Resp: 1790
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.328 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

Tgt Ion:101 Resp: 5240
Ion Ratio Lower Upper
101 100
85 37.4 36.0 54.0
151 56.5 54.6 81.8

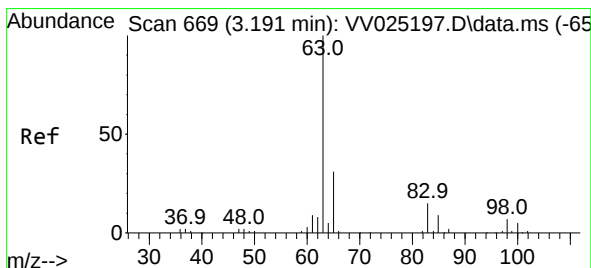
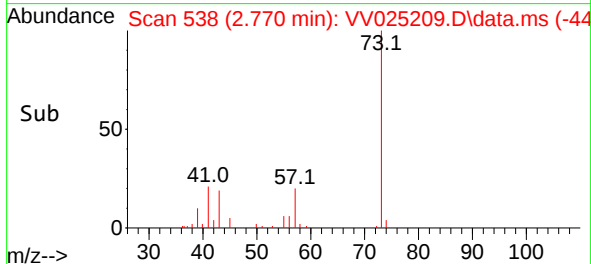
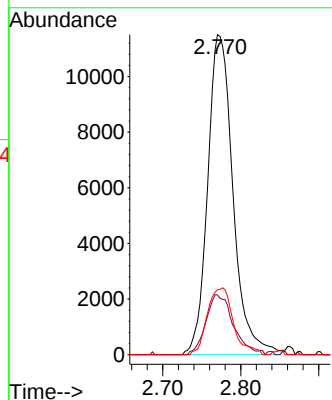
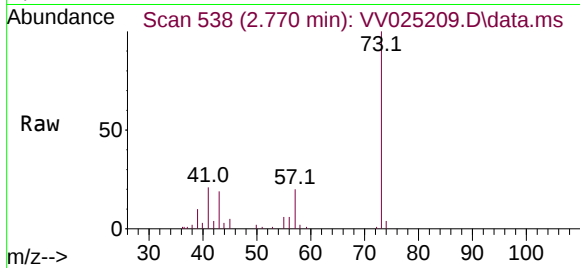




#17
Methyl tert-butyl Ether
Concen: 1.353 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

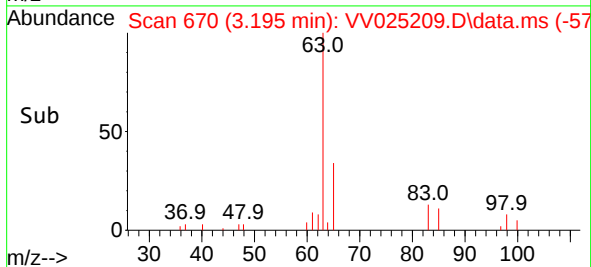
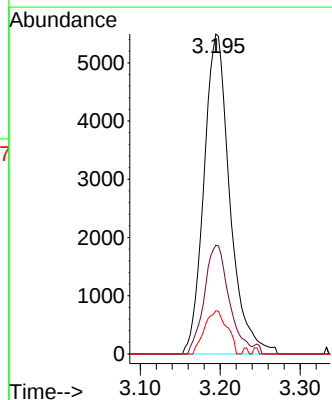
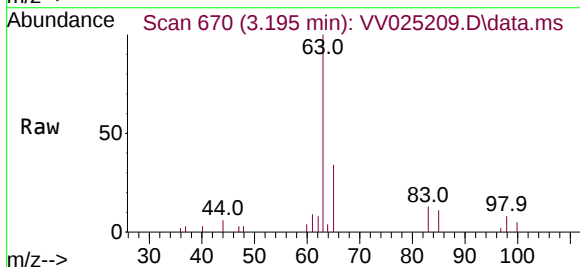
Instrument :
MSVOA_V
ClientSampleId :
C0AD2

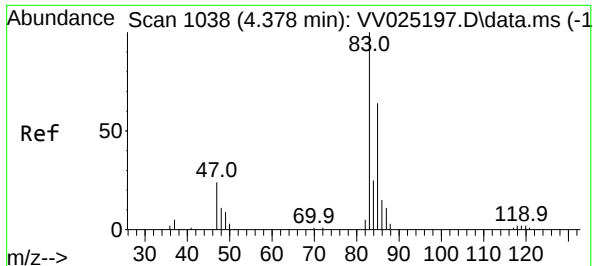
Tgt Ion:	73	Resp:	26023
Ion	Ratio	Lower	Upper
73	100		
43	20.3	13.5	20.3
57	21.5	16.4	24.6



#19
1,1-Dichloroethane
Concen: 0.679 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

Tgt Ion:	63	Resp:	12379
Ion	Ratio	Lower	Upper
63	100		
65	34.0	22.0	40.8
83	13.5	10.2	19.0

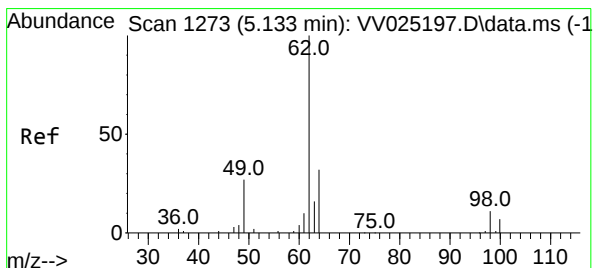
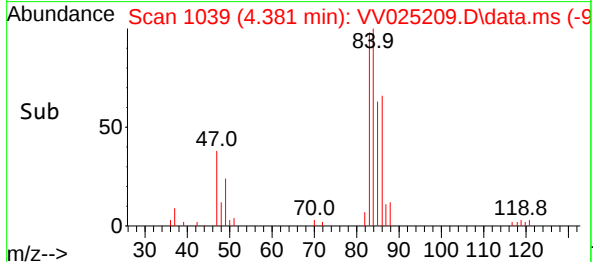
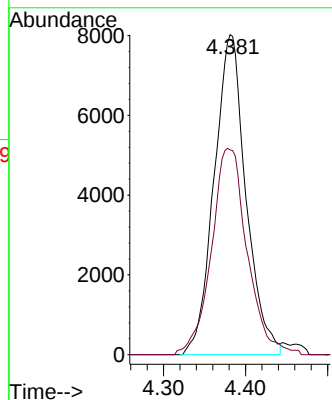
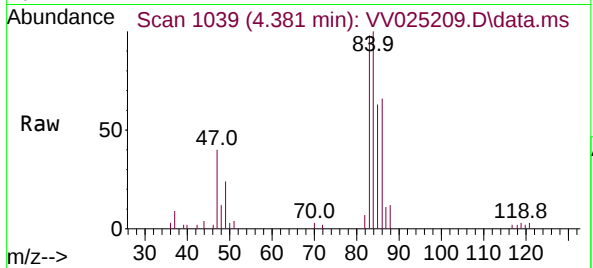




#25
Chloroform
Concen: 1.070 ug/L
RT: 4.381 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

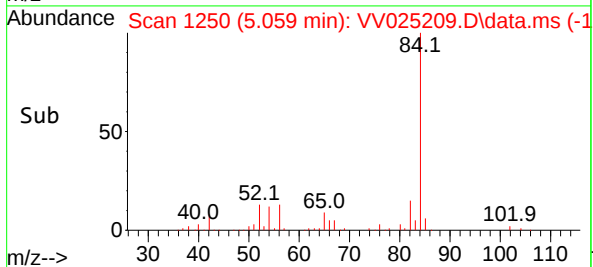
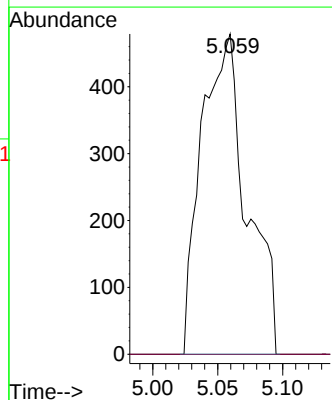
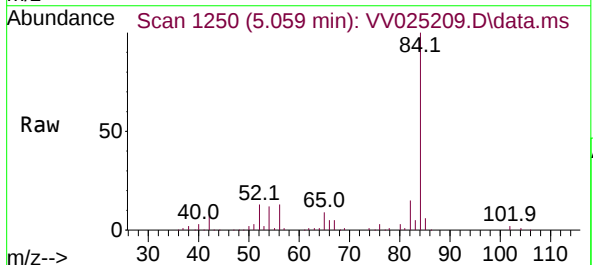
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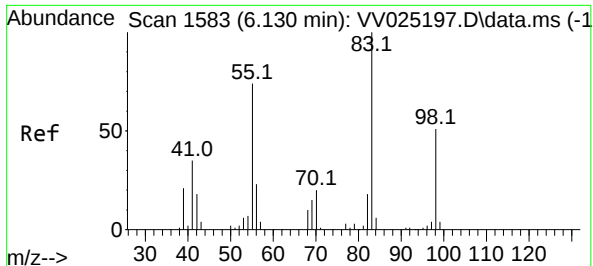
Tgt Ion: 83 Resp: 21636
Ion Ratio Lower Upper
83 100
85 64.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.074 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

Tgt Ion: 62 Resp: 1160
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#

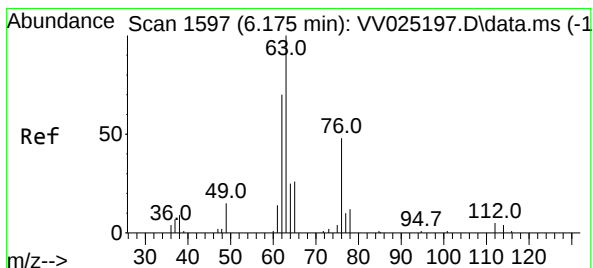
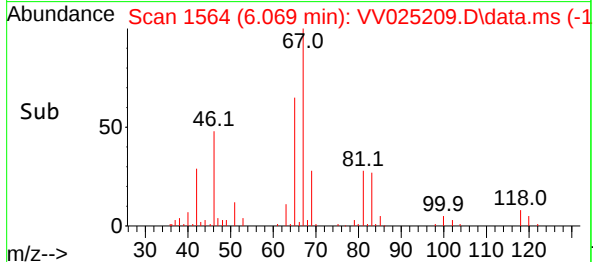
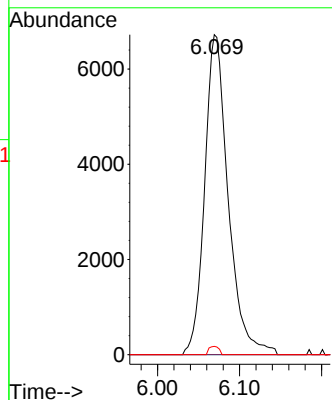
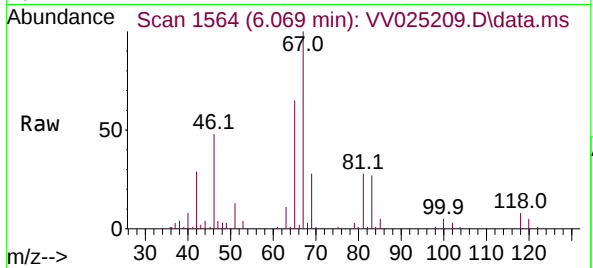




#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

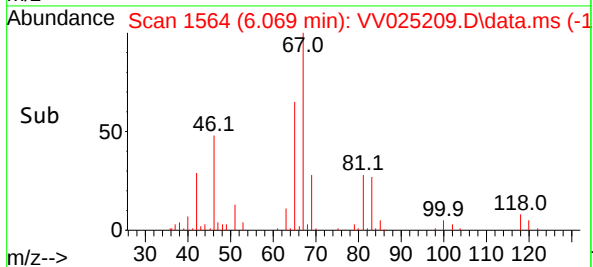
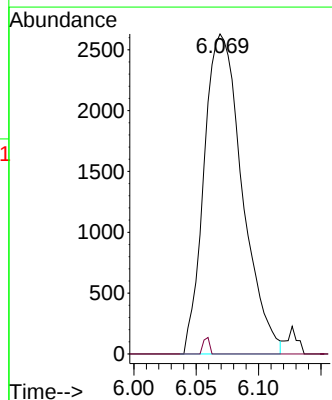
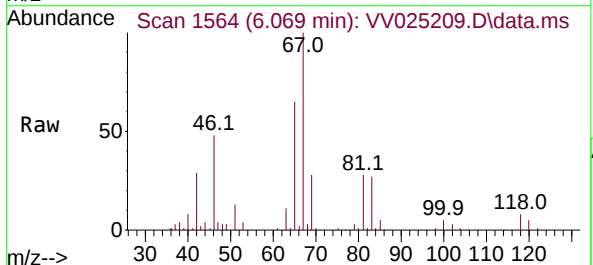
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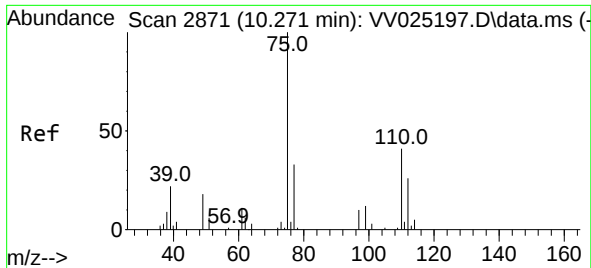
Tgt Ion: 83 Resp: 13429
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 1.1 39.8 59.6#



#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV025209.D
Acq: 26 Mar 2022 19:33

Tgt Ion: 63 Resp: 5611
Ion Ratio Lower Upper
63 100
112 0.9 4.2 6.2#





#61

1,2,3-Trichloropropane

Concen: 1.730 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025209.D

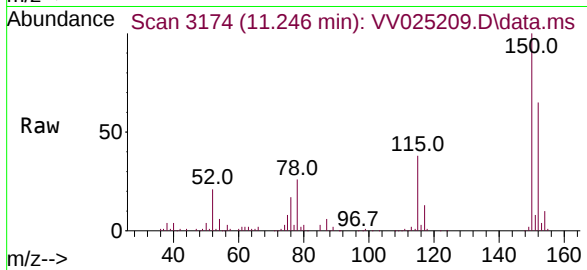
Acq: 26 Mar 2022 19:33

Instrument :

MSVOA_V

ClientSampleId :

C0AD2



Tgt Ion: 75 Resp: 8174

Ion Ratio Lower Upper

75 100

77 34.0 25.8 38.6

110 2.2 31.6 47.4#

