

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
 Data File : VV022571.D
 Acq On : 05 Oct 2021 13:25
 Operator : SY/MD
 Sample : M3967-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:27:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

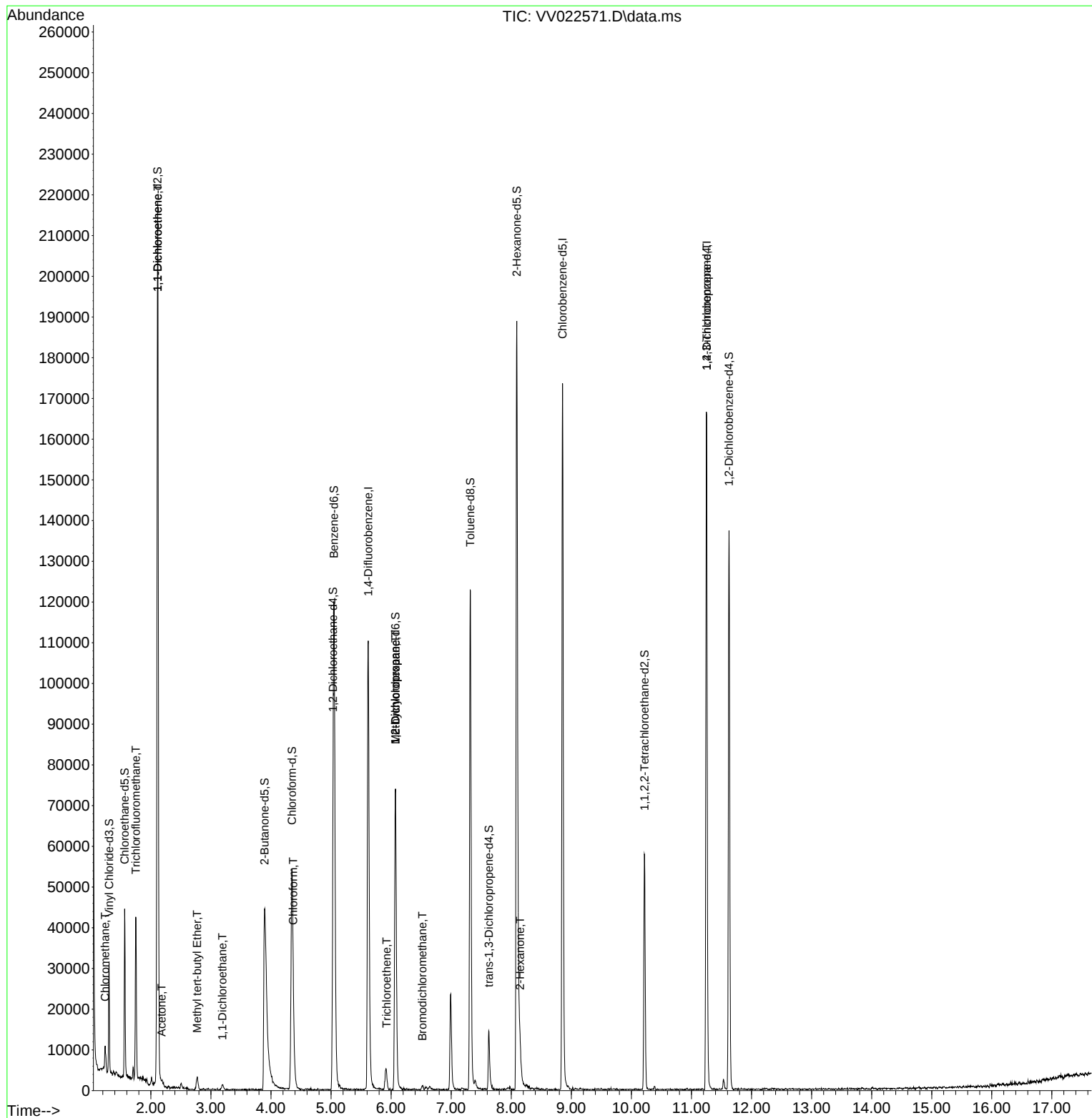
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100386	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15986	4.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.564	69	23539	5.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.111	63	59748	6.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.000%#
20) 2-Butanone-d5	3.892	46	95091	50.015	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.040%
24) Chloroform-d	4.349	84	55972	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	30212	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.050	84	105202	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.072	67	35910	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.320	98	82242	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.629	79	9201	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.092	63	61829	46.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	27851	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	37038	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	4335	0.566	ug/L	94
9) Trichlorofluoromethane	1.751	101	22073	1.909	ug/L	99
12) 1,1-Dichloroethene	2.114	96	54940	8.934	ug/L	96
13) Acetone	2.179	43	2421	2.368	ug/L #	40
17) Methyl tert-butyl Ether	2.770	73	2967	0.190	ug/L #	85
19) 1,1-Dichloroethane	3.191	63	1515	0.126	ug/L #	87
25) Chloroform	4.371	83	6873	0.523	ug/L	91
34) Trichloroethene	5.924	95	812	0.103	ug/L	73
35) Methylcyclohexane	6.072	83	8884	0.801	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4000	0.602	ug/L #	84
38) Bromodichloromethane	6.519	83	1057	0.126	ug/L #	75
48) 2-Hexanone	8.146	43	6490	2.466	ug/L #	71
61) 1,2,3-Trichloropropane	11.252	75	5137	1.489	ug/L #	64

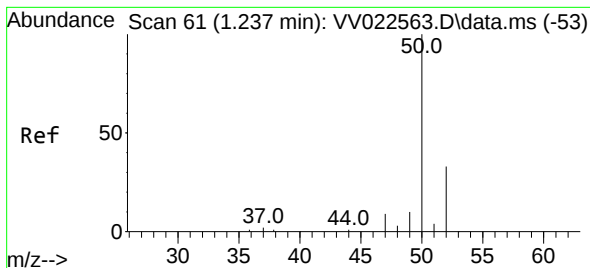
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.566 ug/L

RT: 1.240 min Scan# 62

Delta R.T. 0.003 min

Lab File: VV022571.D

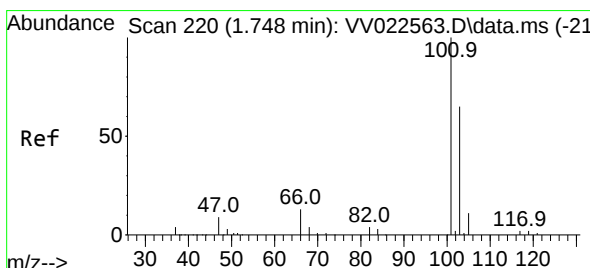
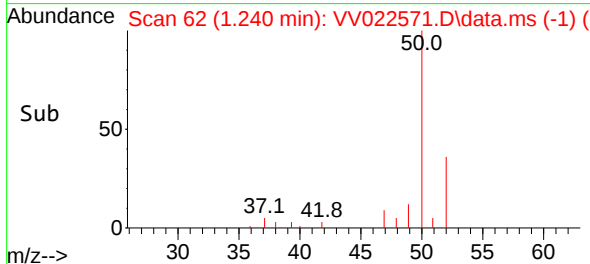
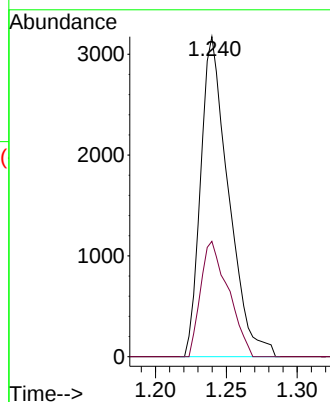
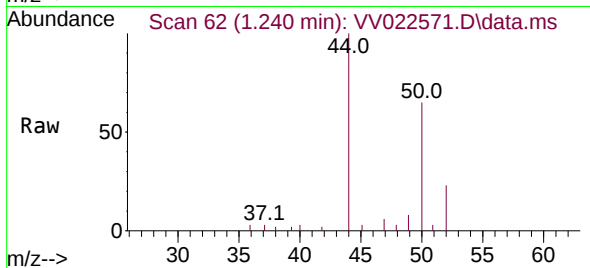
Acq: 05 Oct 2021 13:25

Tgt Ion: 50 Resp: 4335

Ion Ratio Lower Upper

50 100

52 36.1 23.0 42.8



#9

Trichlorofluoromethane

Concen: 1.909 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.003 min

Lab File: VV022571.D

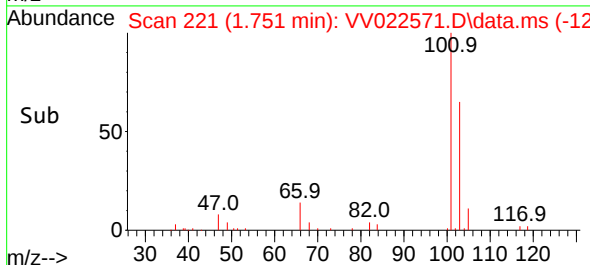
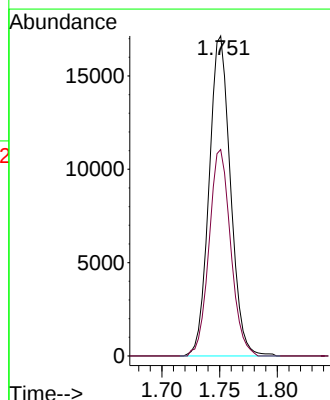
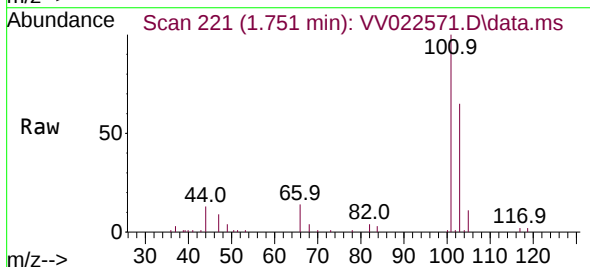
Acq: 05 Oct 2021 13:25

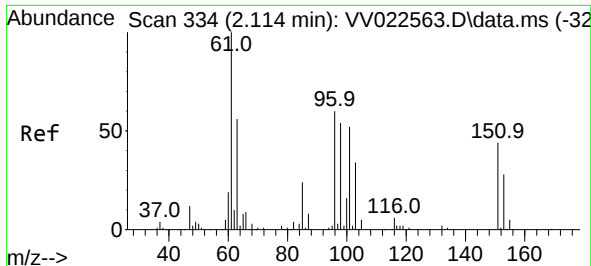
Tgt Ion: 101 Resp: 22073

Ion Ratio Lower Upper

101 100

103 65.2 51.4 77.2

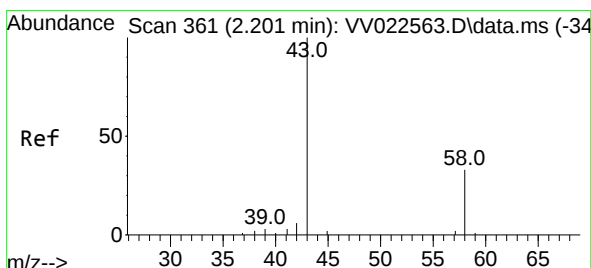
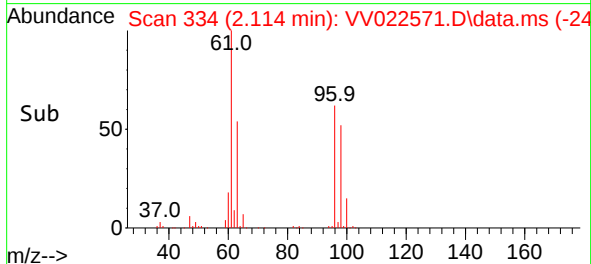
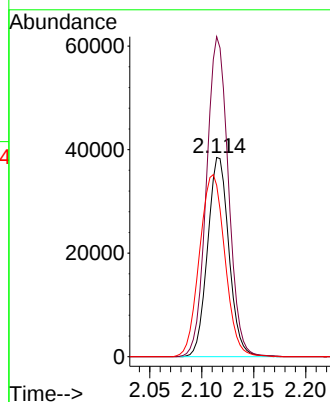
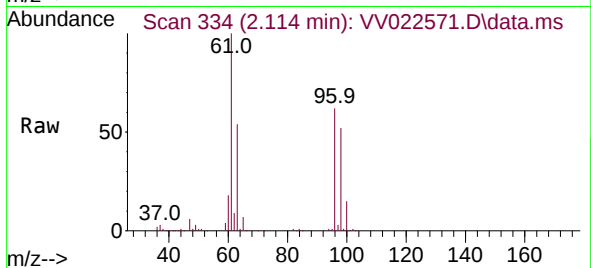




#12
1,1-Dichloroethene
Concen: 8.934 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

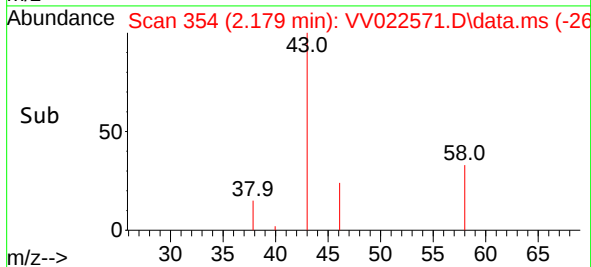
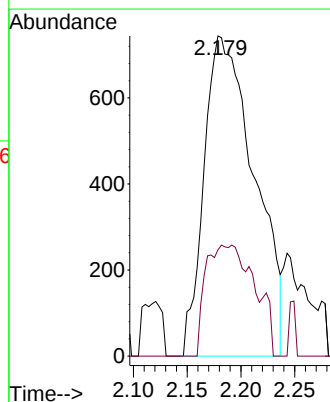
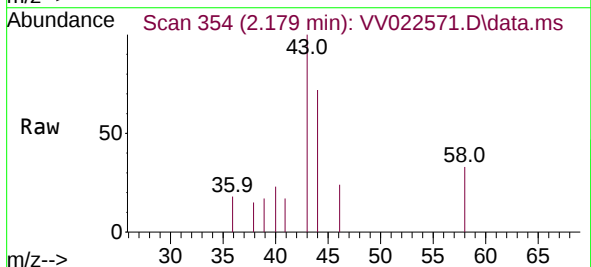
Instrument :
MSVOA_V
ClientSampleId :

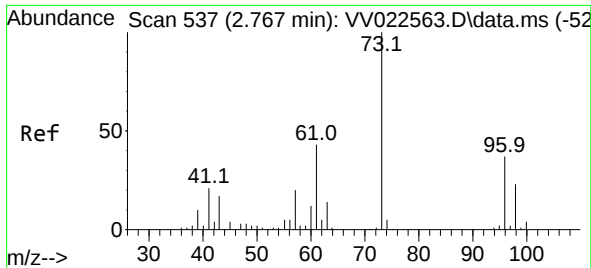
Tgt Ion: 96 Resp: 54940
Ion Ratio Lower Upper
96 100
61 160.7 113.2 210.2
63 86.0 66.6 123.8



#13
Acetone
Concen: 2.368 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.023 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

Tgt Ion: 43 Resp: 2421
Ion Ratio Lower Upper
43 100
58 30.5 0.0 17.6#

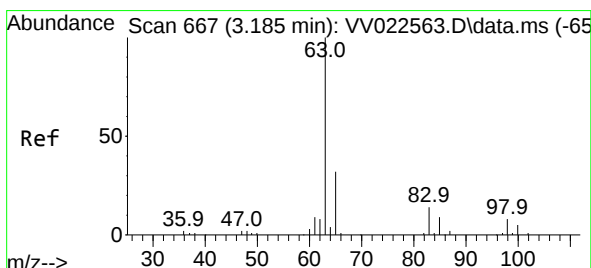
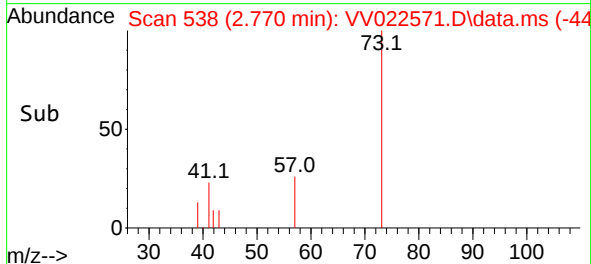
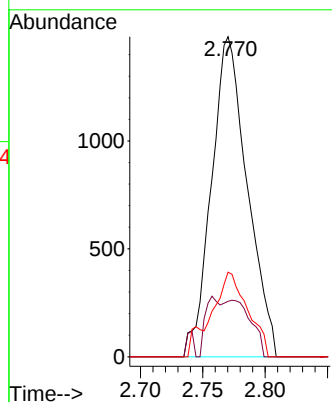
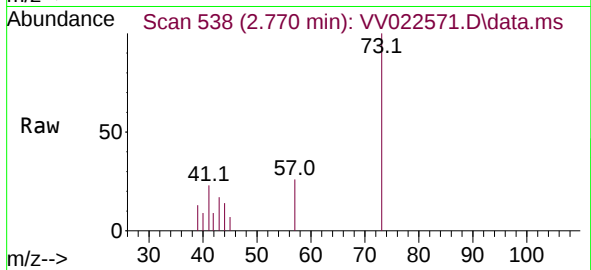




#17
Methyl tert-butyl Ether
Concen: 0.190 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

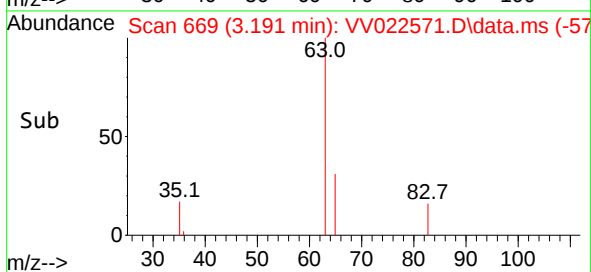
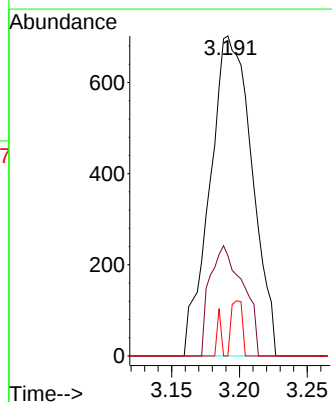
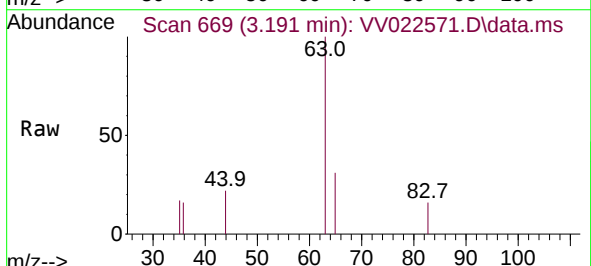
Instrument :
MSVOA_V
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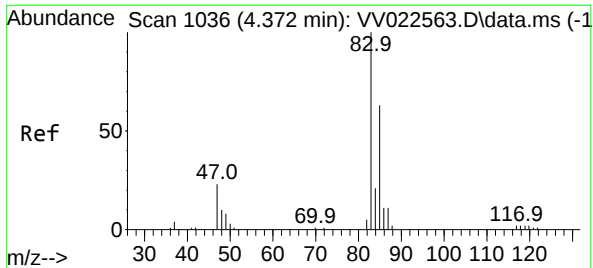
Tgt Ion: 73 Resp: 2967
Ion Ratio Lower Upper
73 100
43 7.8 16.3 24.5#
57 23.7 17.5 26.3



#19
1,1-Dichloroethane
Concen: 0.126 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

Tgt Ion: 63 Resp: 1515
Ion Ratio Lower Upper
63 100
65 31.3 22.8 42.4
83 0.0 10.2 19.0#

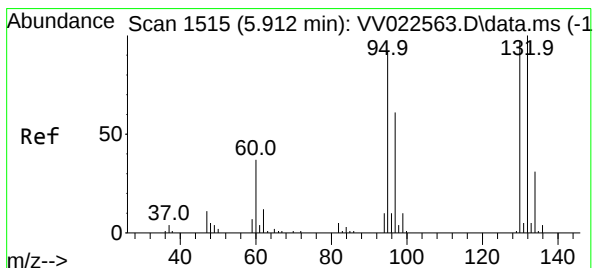
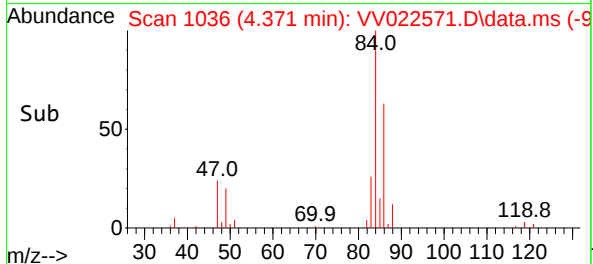
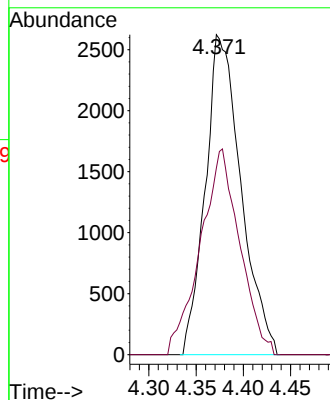
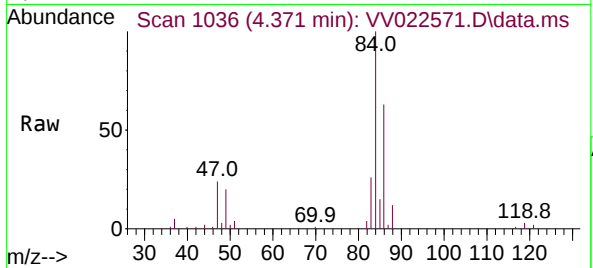




#25
Chloroform
Concen: 0.523 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

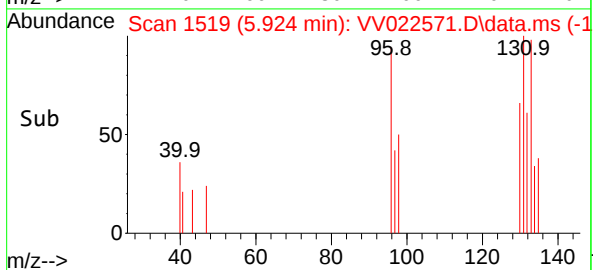
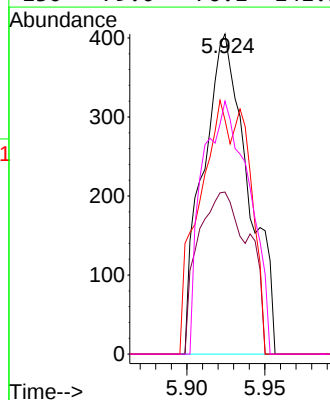
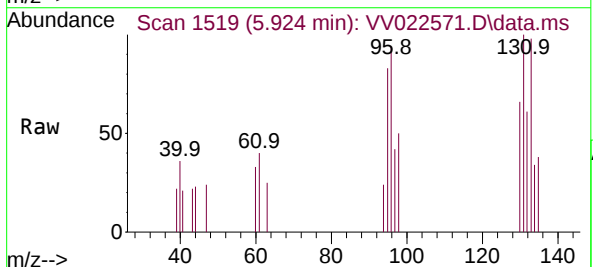
Instrument :
MSVOA_V
ClientSampleId :

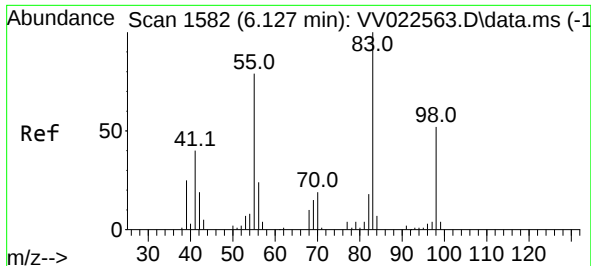
Tgt Ion: 83 Resp: 6873
Ion Ratio Lower Upper
83 100
85 58.3 45.6 84.8



#34
Trichloroethene
Concen: 0.103 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

Tgt Ion: 95 Resp: 812
Ion Ratio Lower Upper
95 100
97 50.6 46.5 86.5
132 73.1 73.0 135.6
130 79.0 76.1 141.3

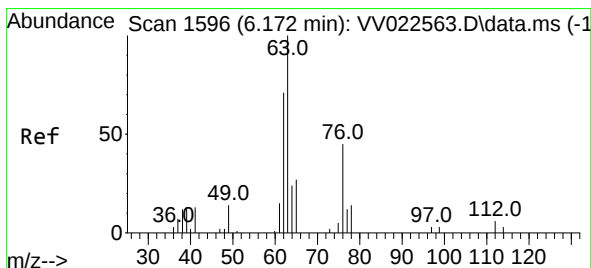
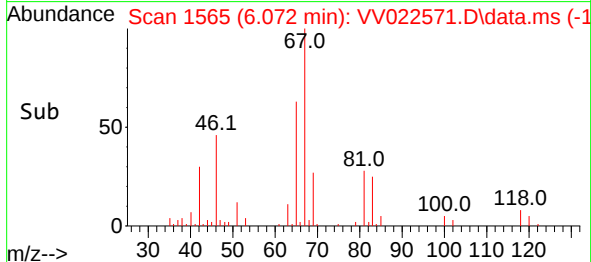
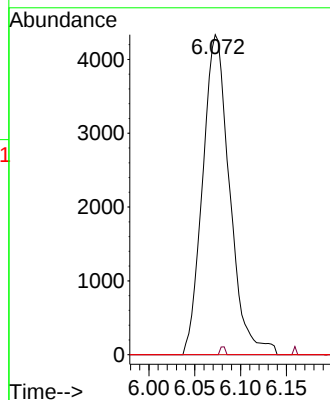
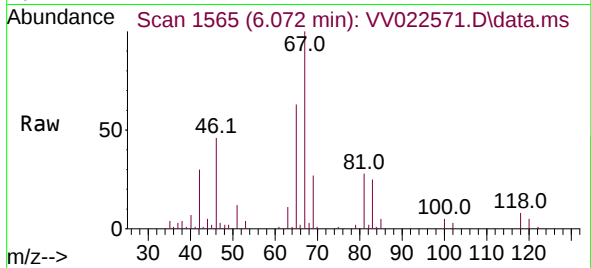




#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

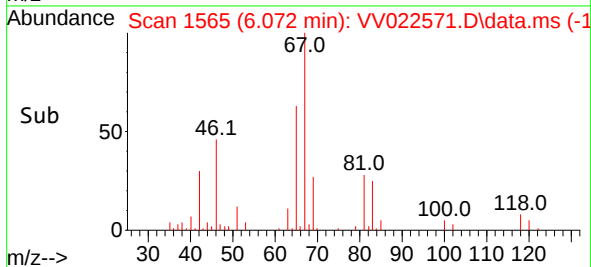
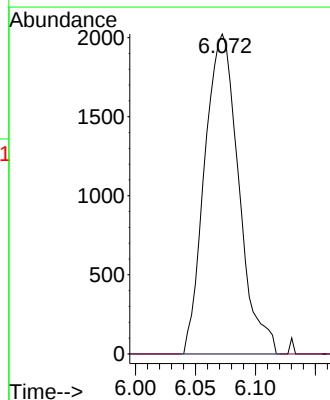
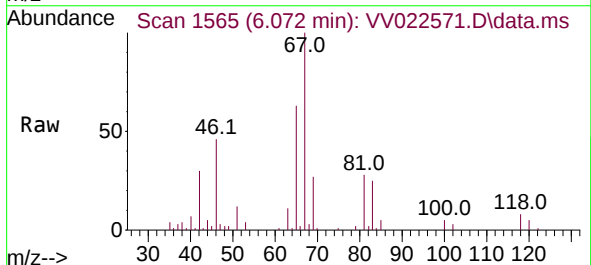
Instrument :
MSVOA_V
ClientSampled :

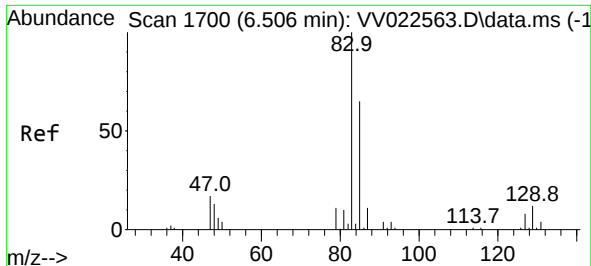
Tgt Ion: 83 Resp: 8884
Ion Ratio Lower Upper
83 100
55 0.5 57.8 86.8#
98 0.3 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

Tgt Ion: 63 Resp: 4000
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

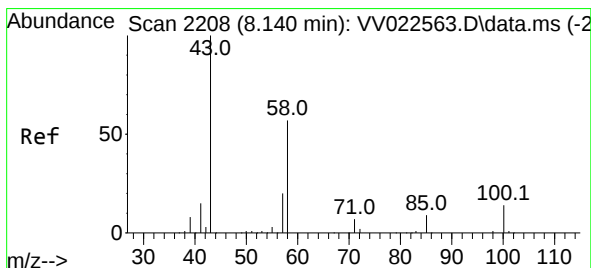
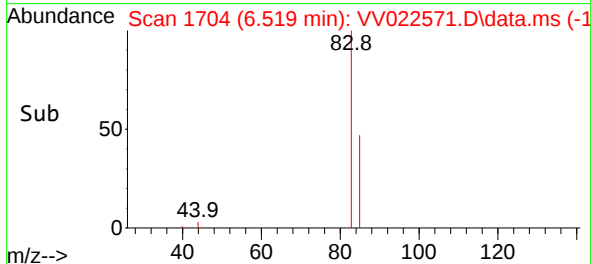
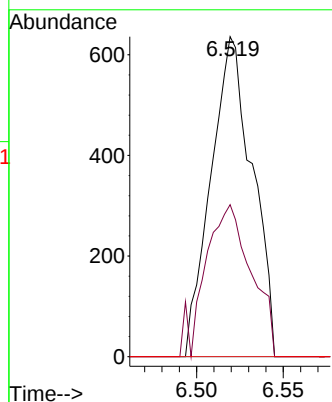
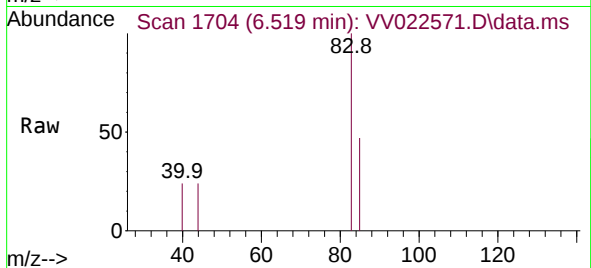




#38
Bromodichloromethane
Concen: 0.126 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.013 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

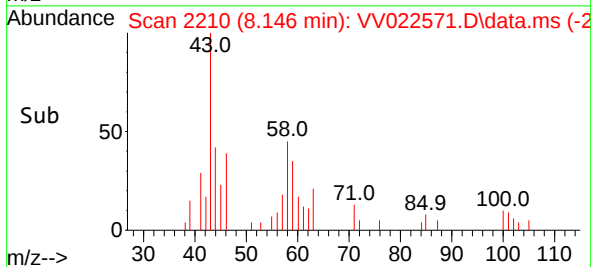
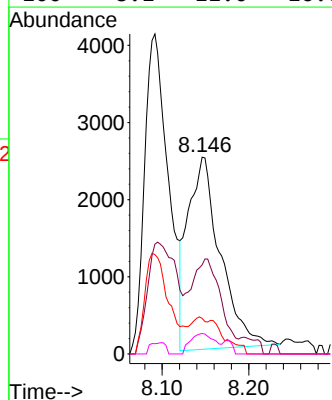
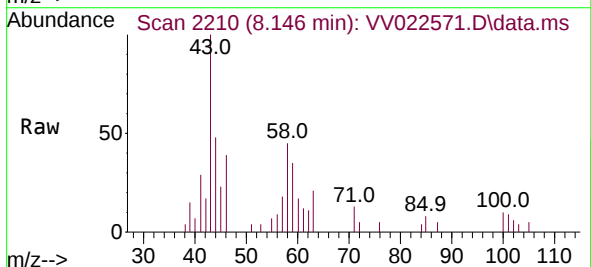
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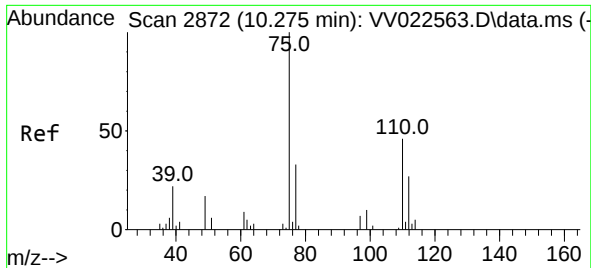
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Ion Ratio Lower Upper
83 100
85 47.5 47.2 87.6
127 0.0 7.4 11.2#



#48
2-Hexanone
Concen: 2.466 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV022571.D
Acq: 05 Oct 2021 13:25

Tgt Ion: 43 Resp: 6490
Ion Ratio Lower Upper
43 100
58 36.3 46.4 69.6#
57 2.2 16.3 24.5#
100 8.1 11.0 16.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.489 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022571.D
 Acq: 05 Oct 2021 13:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 5137
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 110 2.3 33.0 49.6#

