

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023528.D
 Acq On : 16 Nov 2021 12:48
 Operator : SY/MD
 Sample : M4643-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J9

Quant Time: Nov 17 00:51:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

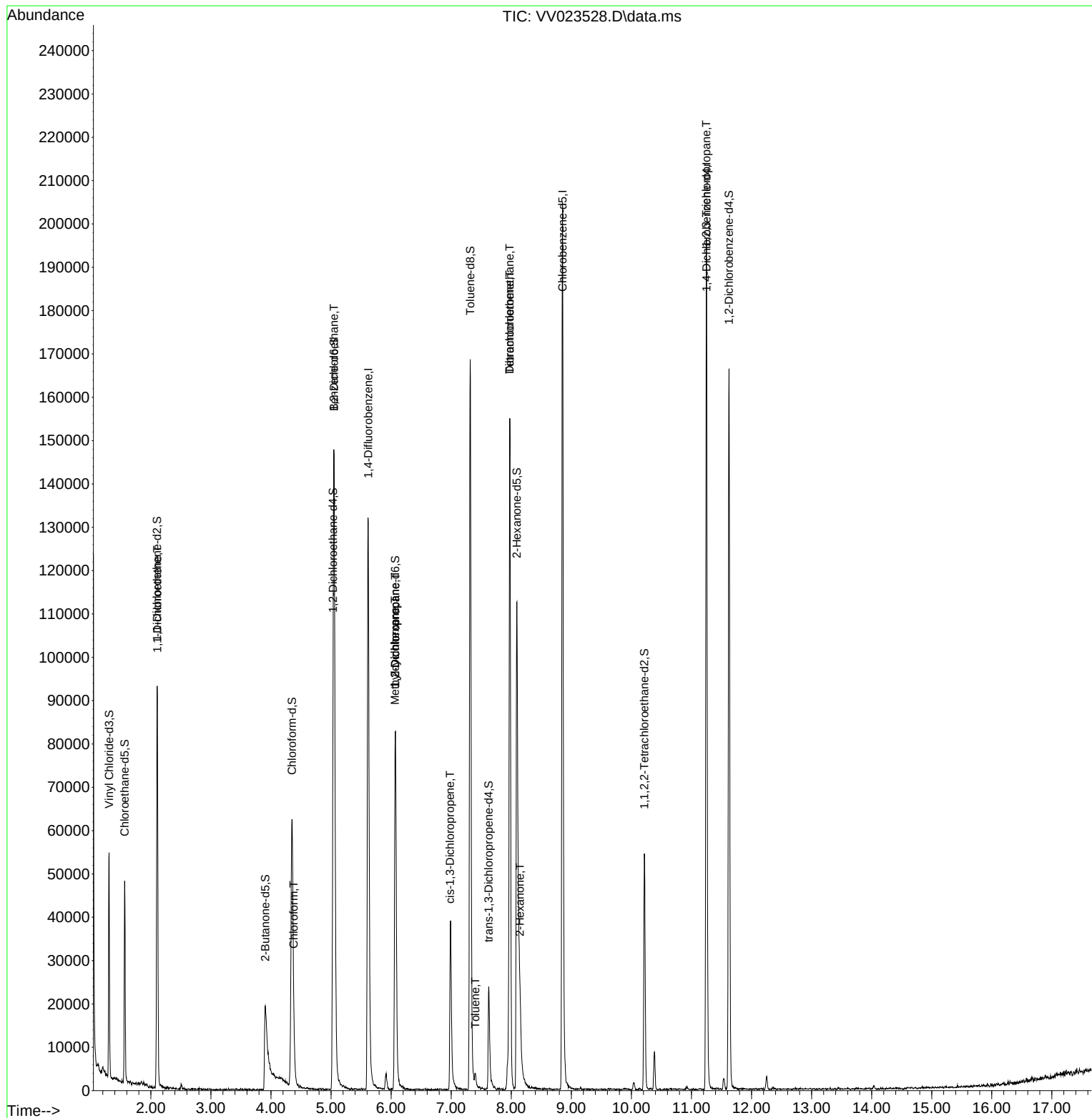
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117875	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33387	4.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.564	69	28101	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.105	63	48282	3.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.905	46	43890	34.499	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.000%
24) Chloroform-d	4.349	84	63236	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.034	65	32539	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.050	84	133631	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.069	67	39892	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.317	98	116158	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.625	79	15180	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.091	63	47189	38.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25712	4.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	44370	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.108	96	479	0.068	ug/L #	1
25) Chloroform	4.378	83	7329	0.471	ug/L	90
27) 1,2-Dichloroethane	5.050	62	907	0.110	ug/L #	72
35) Methylcyclohexane	6.066	83	10326	0.750	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4814	0.629	ug/L #	83
39) cis-1,3-Dichloropropene	6.982	75	1045	0.095	ug/L #	56
42) Toluene	7.403	91	2432	0.069	ug/L	91
47) Tetrachloroethene	7.976	164	35493	4.696	ug/L	99
48) 2-Hexanone	8.143	43	6056	2.434	ug/L #	74
49) Dibromochloromethane	7.976	129	30895	4.432	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	5537	1.540	ug/L #	67

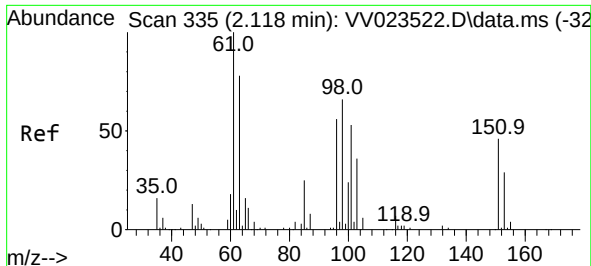
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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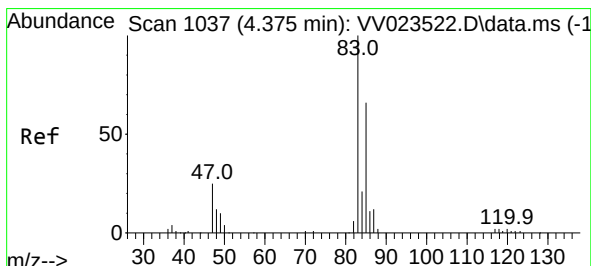
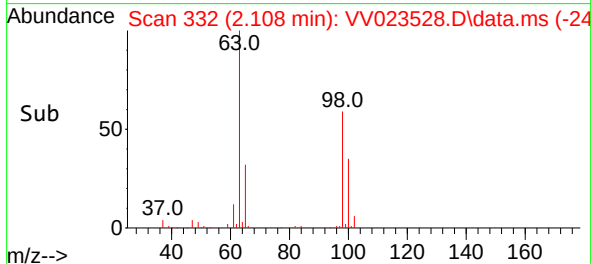
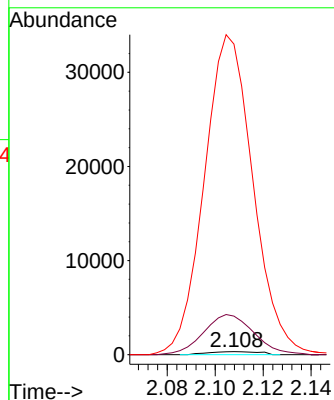
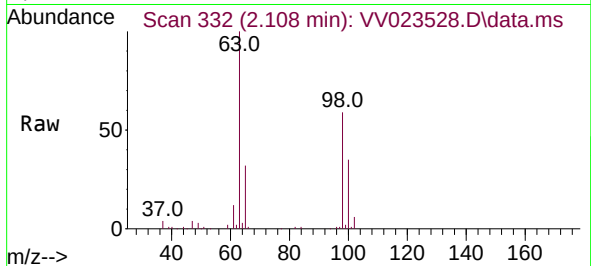




#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

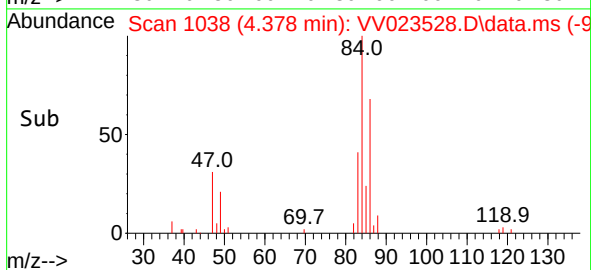
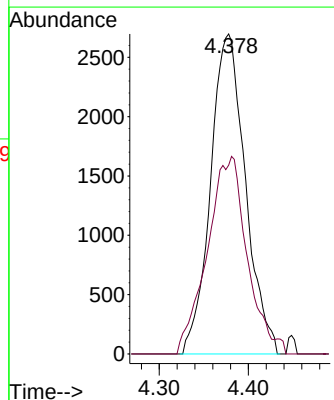
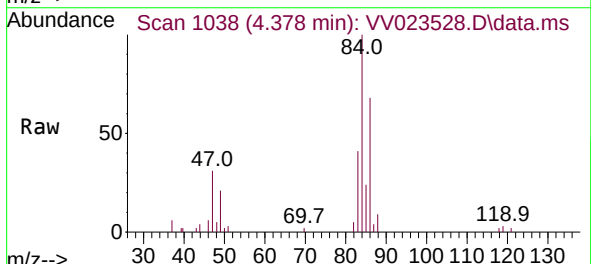
Instrument :
MSVOA_V
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GB8J9

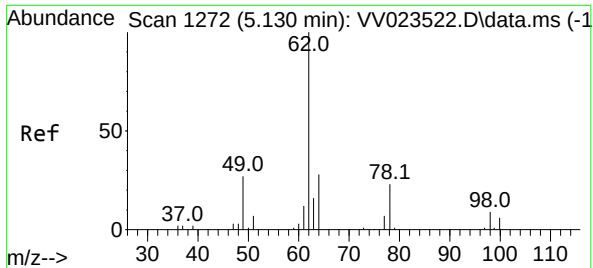
Tgt Ion: 96 Resp: 479
Ion Ratio Lower Upper
96 100
61 1295.9 121.5 225.7#
63 10440.5 99.6 185.0#



#25
Chloroform
Concen: 0.471 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

Tgt Ion: 83 Resp: 7329
Ion Ratio Lower Upper
83 100
85 59.0 46.8 86.8

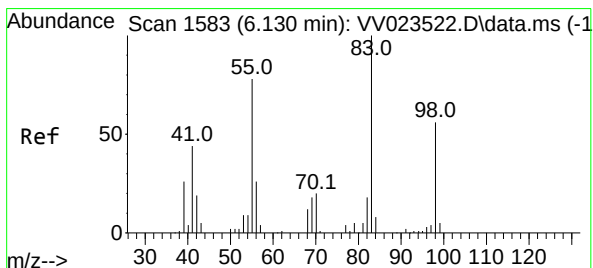
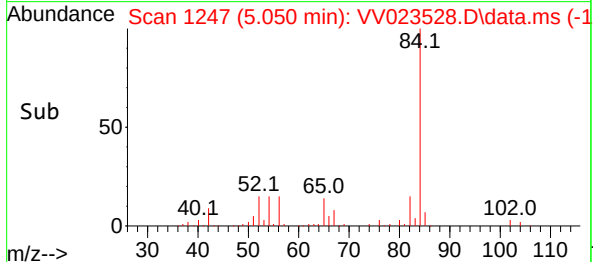
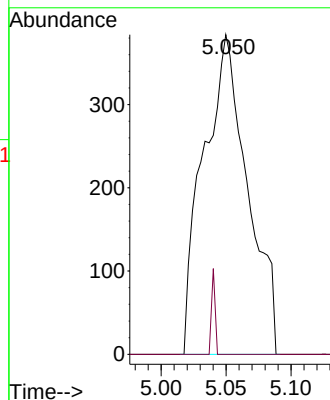
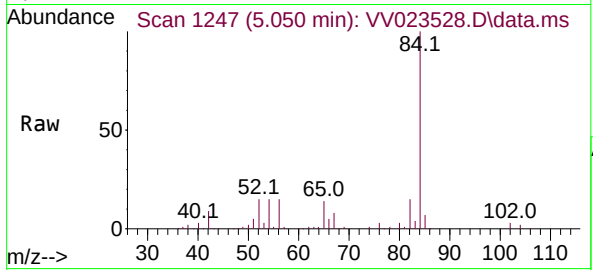




#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

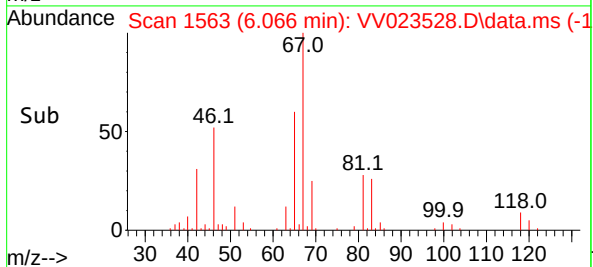
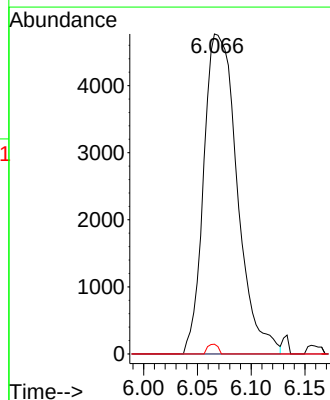
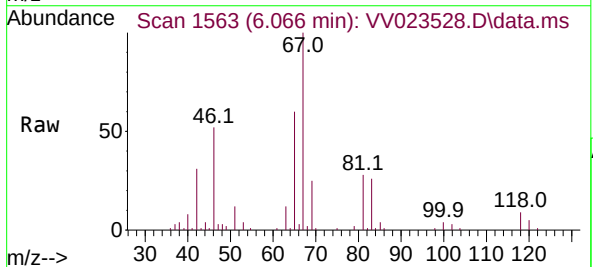
Instrument :
MSVOA_V
ClientSampleId :
GB8J9

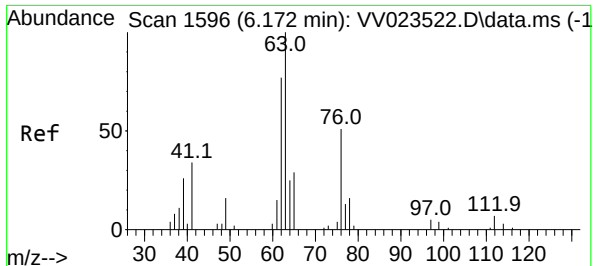
Tgt Ion: 62 Resp: 907
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

Tgt Ion: 83 Resp: 10326
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.9 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.629 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023528.D

Acq: 16 Nov 2021 12:48

Instrument :

MSVOA_V

ClientSampleId :

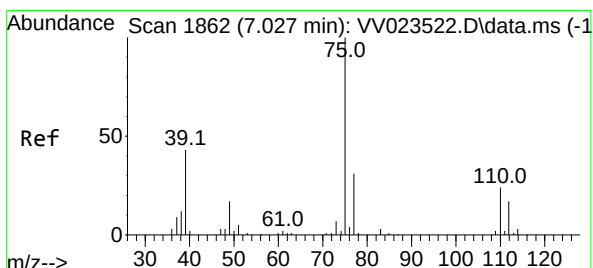
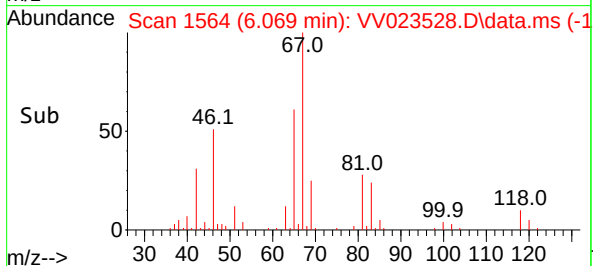
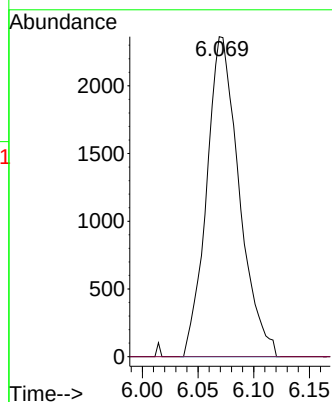
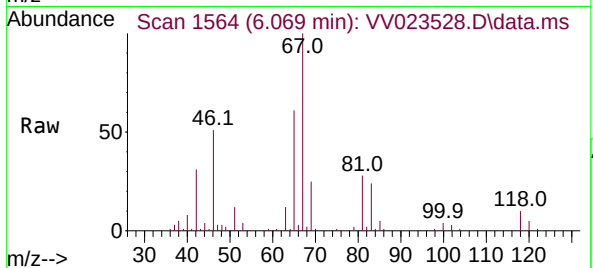
GB8J9

Tgt Ion: 63 Resp: 4814

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV023528.D

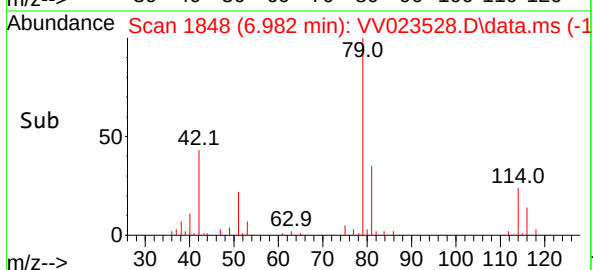
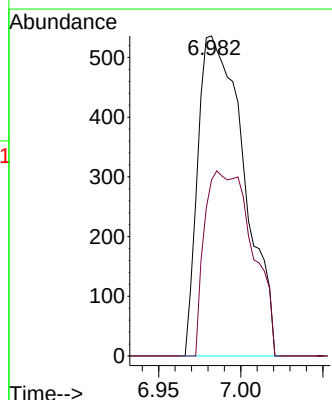
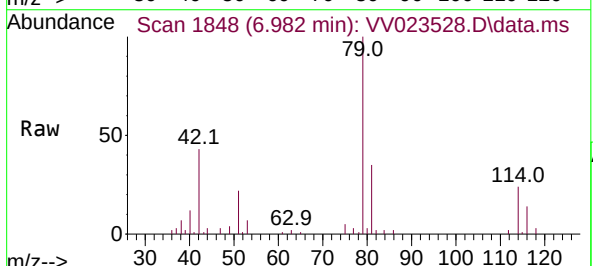
Acq: 16 Nov 2021 12:48

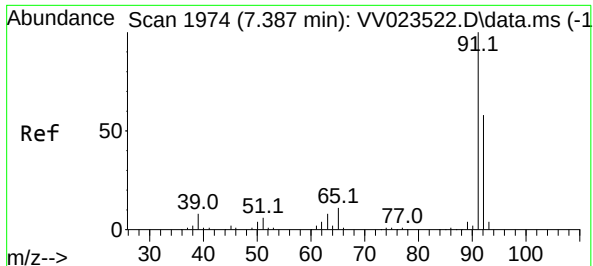
Tgt Ion: 75 Resp: 1045

Ion Ratio Lower Upper

75 100

77 55.0 21.6 40.2#

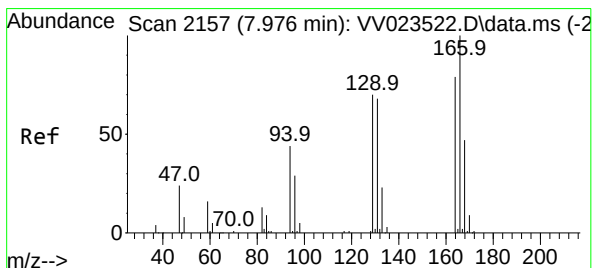
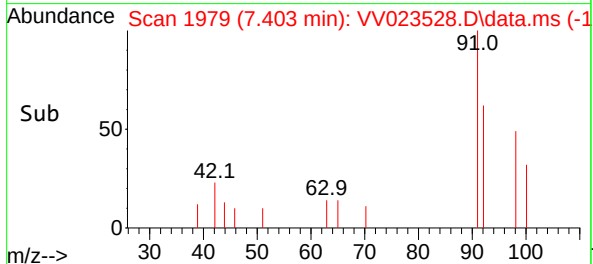
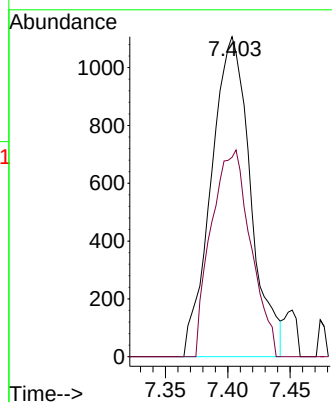
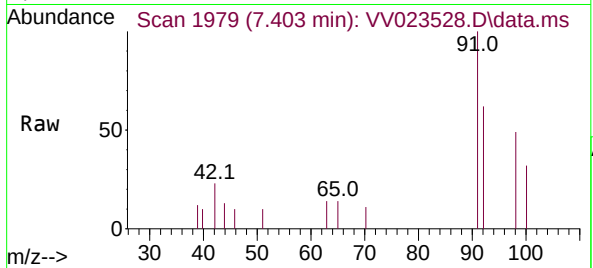




#42
Toluene
Concen: 0.069 ug/L
RT: 7.403 min Scan# 1974
Delta R.T. 0.016 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

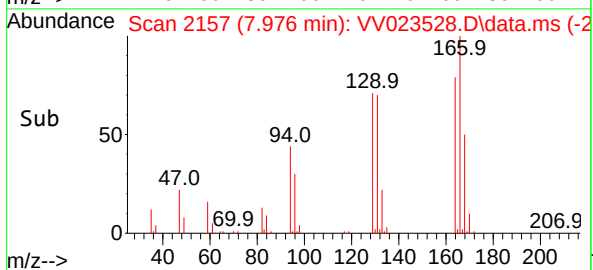
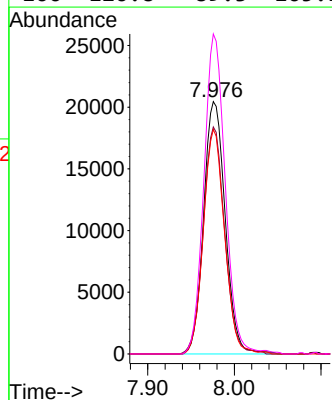
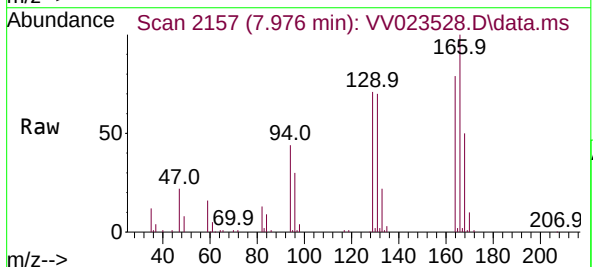
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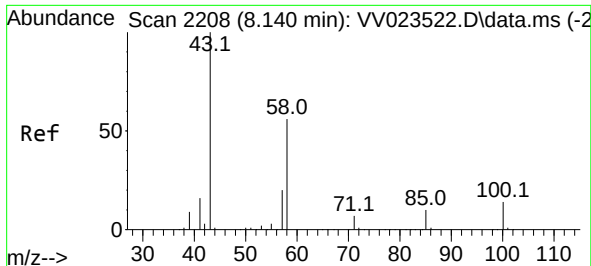
Tgt Ion: 91 Resp: 2432
Ion Ratio Lower Upper
91 100
92 62.3 39.3 72.9



#47
Tetrachloroethene
Concen: 4.696 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

Tgt Ion: 164 Resp: 35493
Ion Ratio Lower Upper
164 100
129 90.0 64.0 119.0
131 88.9 63.4 117.8
166 126.8 89.3 165.9

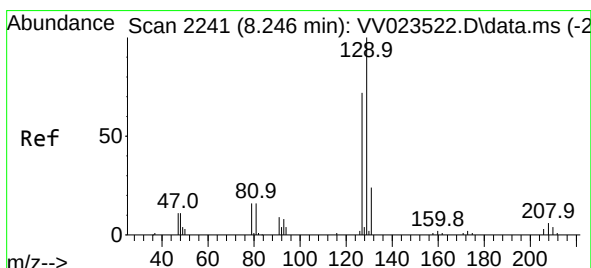
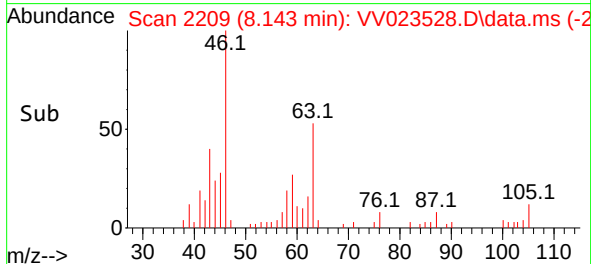
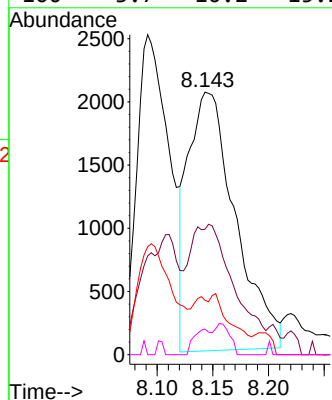
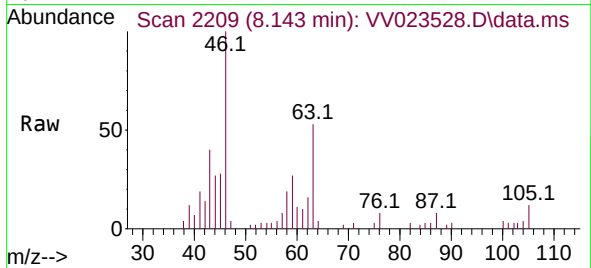




#48
2-Hexanone
Concen: 2.434 ug/L
RT: 8.143 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

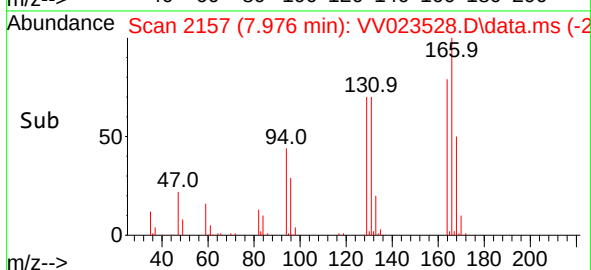
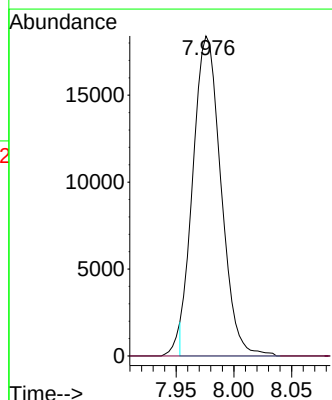
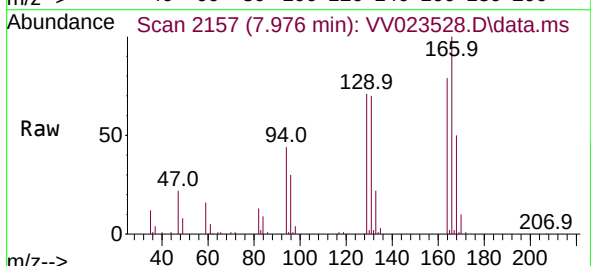
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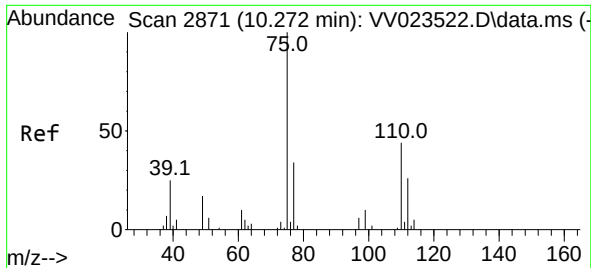
Tgt Ion: 43	Resp: 6056
Ion Ratio	Lower Upper
43	100
58	37.5 43.7 65.5#
57	1.4 14.1 21.1#
100	3.7 10.2 15.2#



#49
Dibromochloromethane
Concen: 4.432 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023528.D
Acq: 16 Nov 2021 12:48

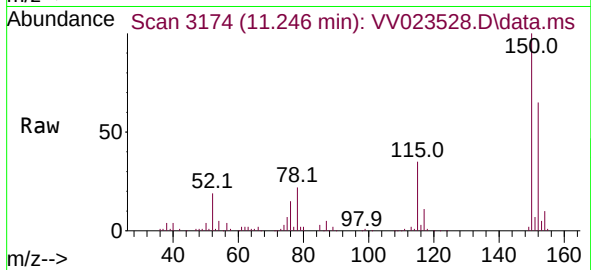
Tgt Ion: 129	Resp: 30895
Ion Ratio	Lower Upper
129	100
127	0.6 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.540 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023528.D
 Acq: 16 Nov 2021 12:48

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 5537
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.6 39.8
 110 2.3 31.8 47.6#

