

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031884.D
 Acq On : 23 Aug 2023 23:08
 Operator : SY/MD
 Sample : VV0823WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 04:52:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

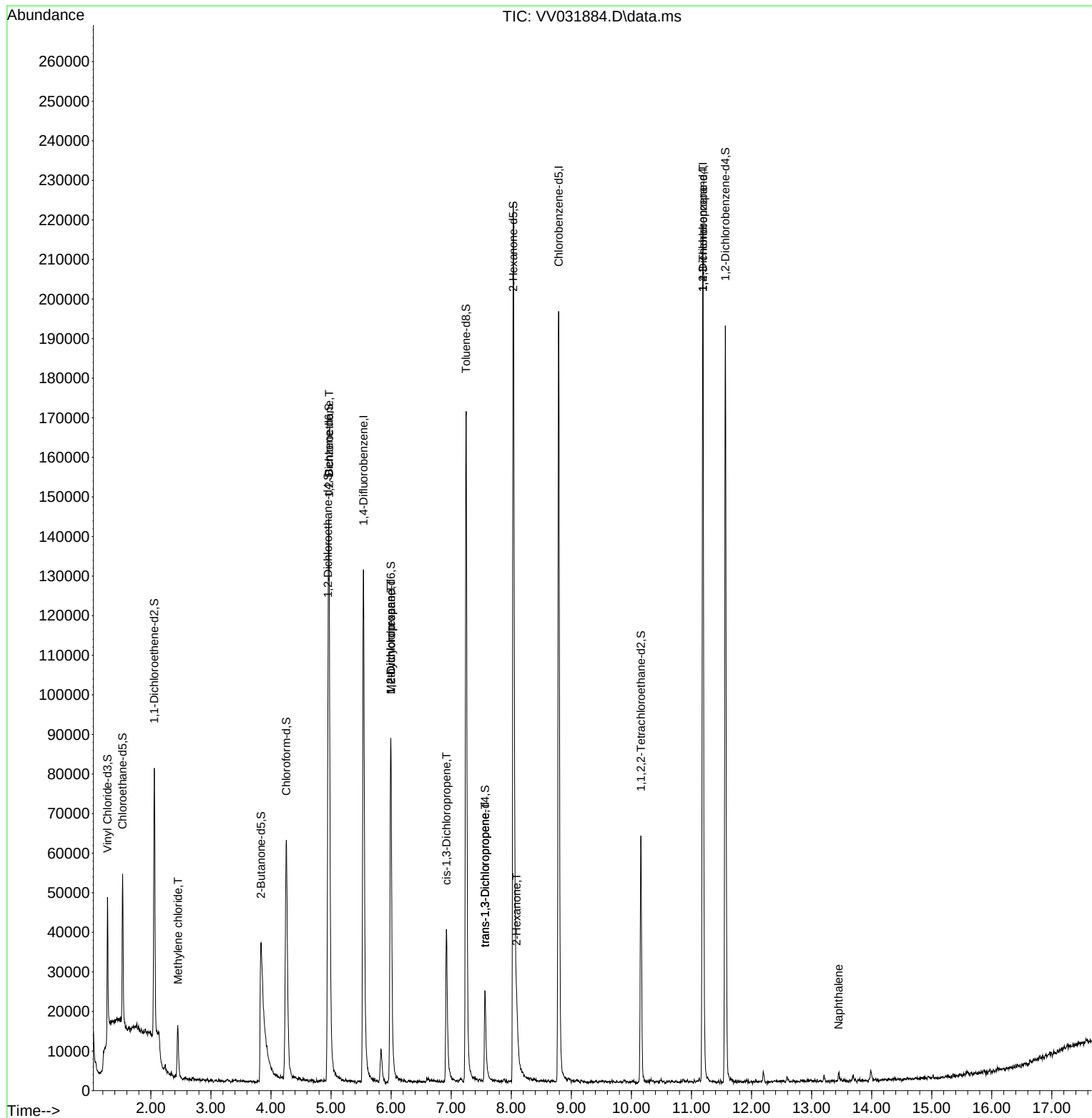
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	112393	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	55138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20688	5.450	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.000%		
7) Chloroethane-d5	1.529	69	24179	5.560	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.200%		
11) 1,1-Dichloroethene-d2	2.056	65	12015	5.378	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.600%		
20) 2-Butanone-d5	3.834	46	86612	47.134	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 94.260%		
24) Chloroform-d	4.256	84	65231	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	4.950	65	35648	5.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.600%		
32) Benzene-d6	4.963	84	129248	5.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.200%		
36) 1,2-Dichloropropane-d6	5.995	67	44381	5.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.400%		
41) Toluene-d8	7.246	98	115989	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	7.564	79	15527	5.005	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.000%		
46) 2-Hexanone-d5	8.034	63	84393	51.020	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.040%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31506	5.162	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 103.200%		
66) 1,2-Dichlorobenzene-d4	11.564	152	47188	5.285	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.600%		
Target Compounds						Qvalue
16) Methylene chloride	2.452	84	5013	0.609	ug/L	96
27) 1,2-Dichloroethane	4.966	62	792	0.110	ug/L #	75
35) Methylcyclohexane	5.995	83	10297	0.991	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	4862	0.723	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	1122	0.110	ug/L #	49
44) trans-1,3-Dichloropropene	7.564	75	730	0.085	ug/L #	16
48) 2-Hexanone	8.088	43	9188	2.916	ug/L #	96
61) 1,2,3-Trichloropropane	11.191	75	7474	1.840	ug/L #	67
71) Naphthalene	13.451	128	2235	0.129	ug/L #	94

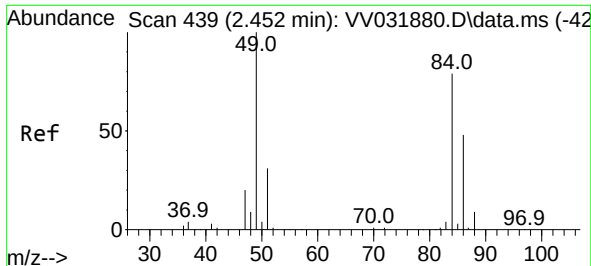
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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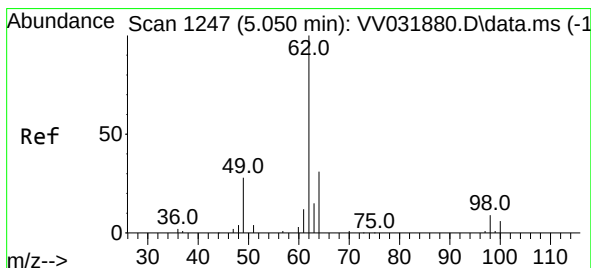
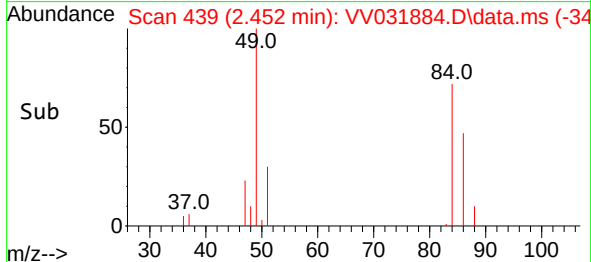
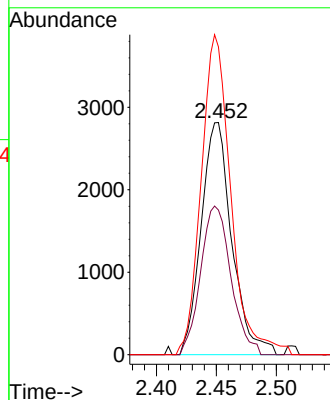
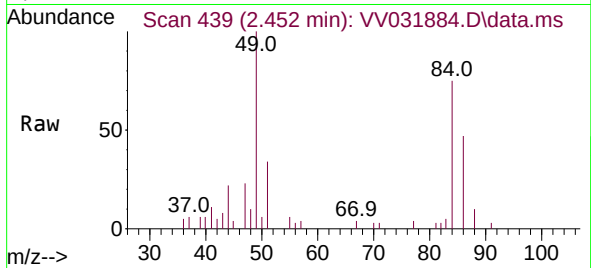




#16
Methylene chloride
Concen: 0.609 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV031884.D
Acq: 23 Aug 2023 23:08

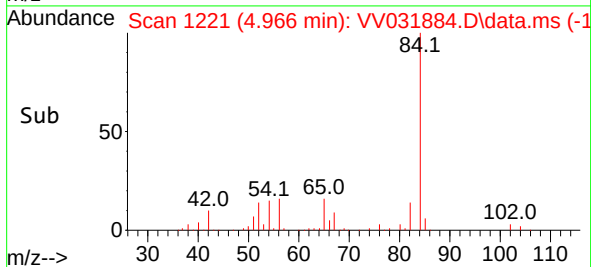
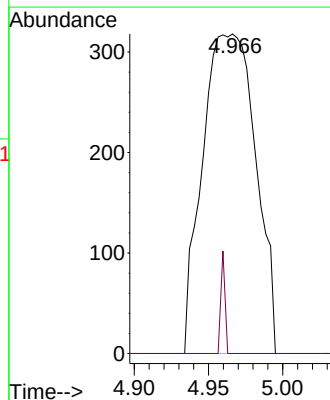
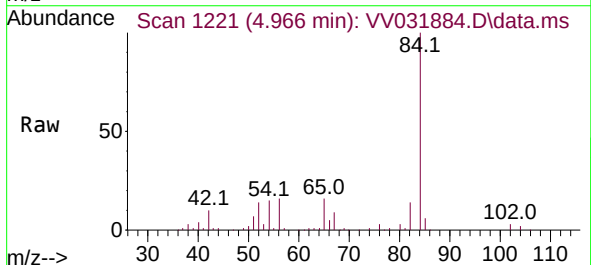
Instrument :
MSVOA_V
ClientSampleId :

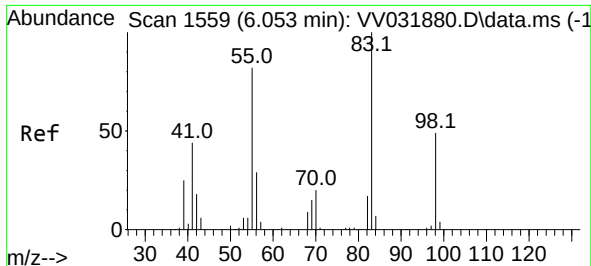
Tgt Ion: 84 Resp: 5013
Ion Ratio Lower Upper
84 100
86 62.3 42.6 79.2
49 132.6 88.5 164.4



#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 4.966 min Scan# 1221
Delta R.T. -0.084 min
Lab File: VV031884.D
Acq: 23 Aug 2023 23:08

Tgt Ion: 62 Resp: 792
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

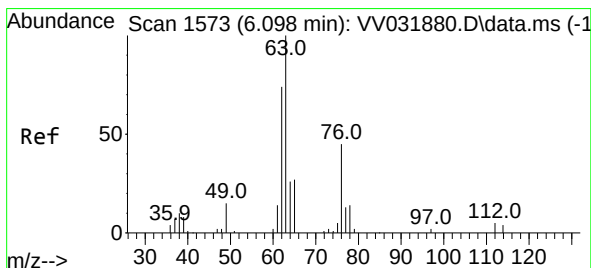
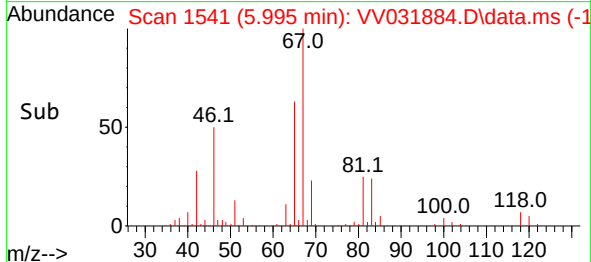
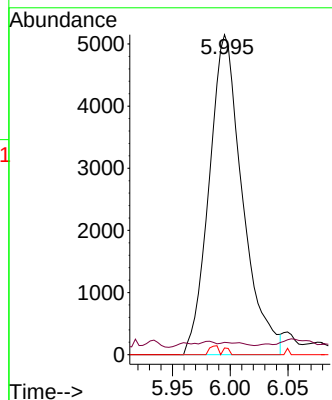
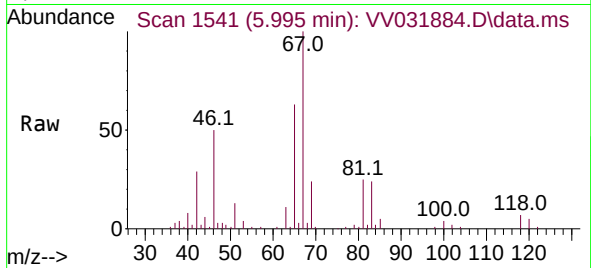




#35
Methylcyclohexane
Concen: 0.991 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031884.D
Acq: 23 Aug 2023 23:08

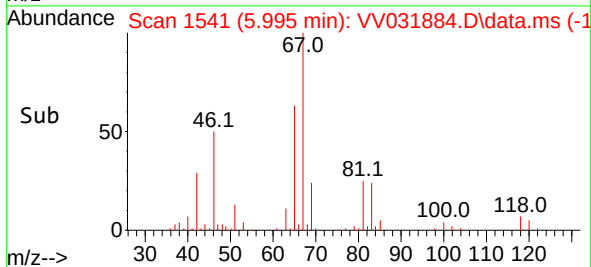
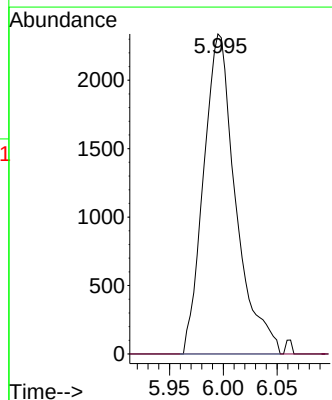
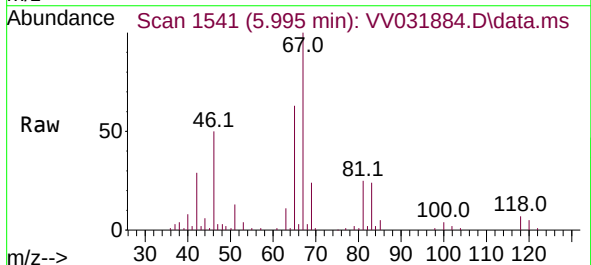
Instrument :
MSVOA_V
ClientSampleId :

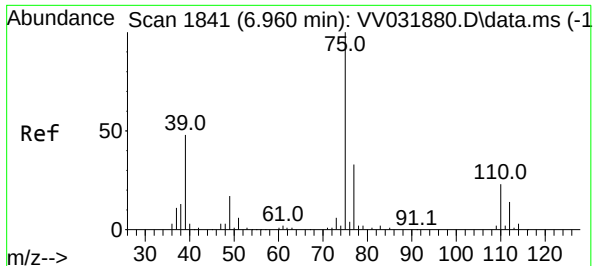
Tgt Ion: 83 Resp: 10297
Ion Ratio Lower Upper
83 100
55 0.6 62.6 94.0#
98 0.7 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031884.D
Acq: 23 Aug 2023 23:08

Tgt Ion: 63 Resp: 4862
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV031884.D

Acq: 23 Aug 2023 23:08

Instrument :

MSVOA_V

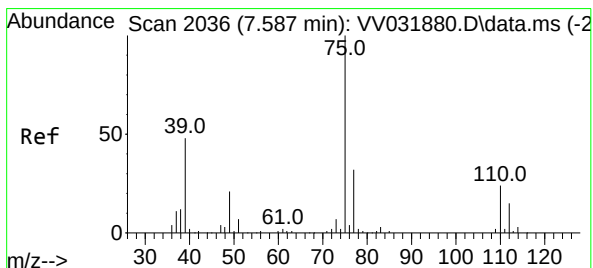
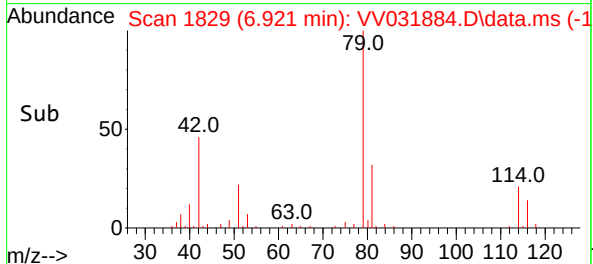
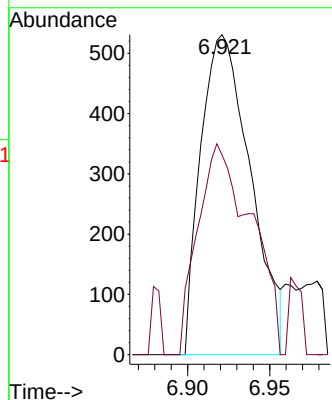
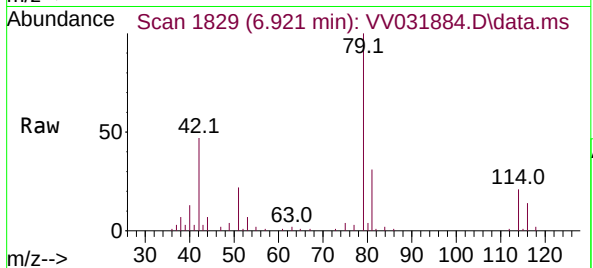
ClientSampleId :

Tgt Ion: 75 Resp: 1122

Ion Ratio Lower Upper

75 100

77 62.3 23.2 43.2#



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.023 min

Lab File: VV031884.D

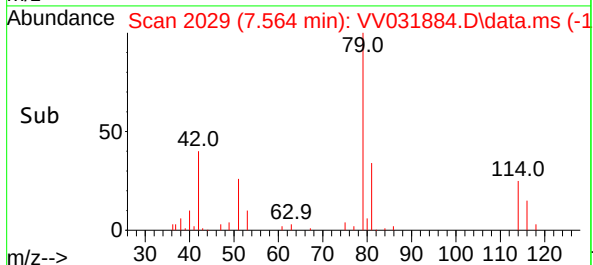
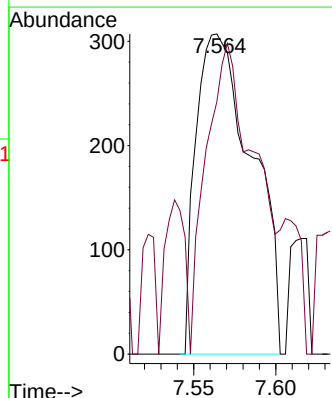
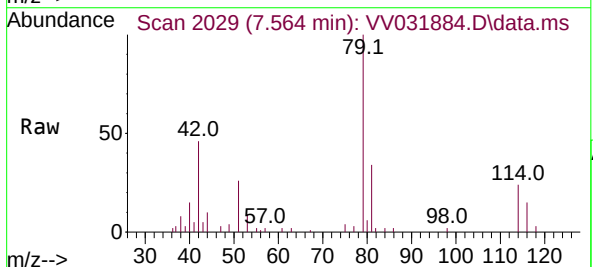
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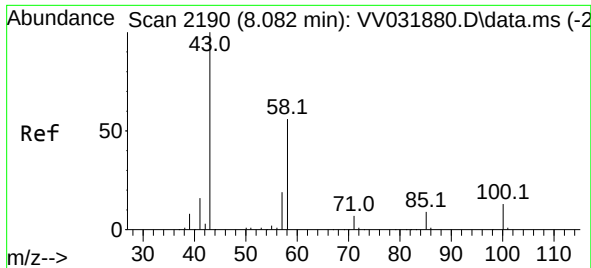
Tgt Ion: 75 Resp: 730

Ion Ratio Lower Upper

75 100

77 78.8 22.4 41.6#

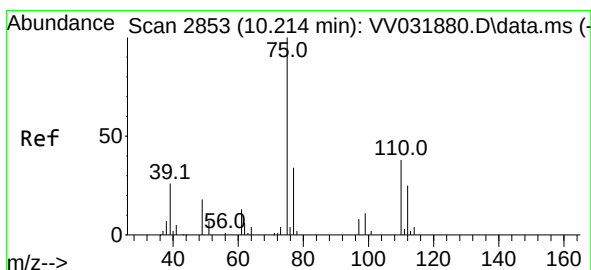
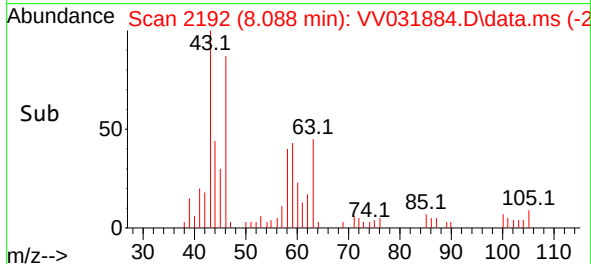
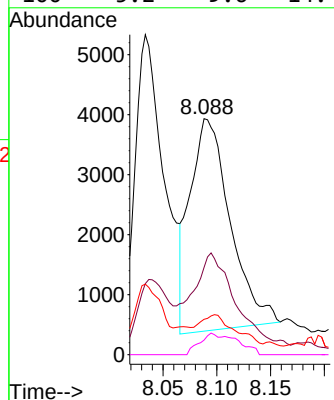
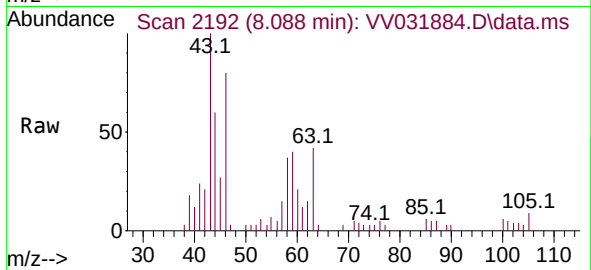




#48
2-Hexanone
Concen: 2.916 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV031884.D
Acq: 23 Aug 2023 23:08

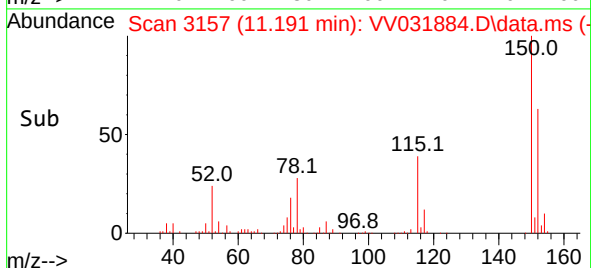
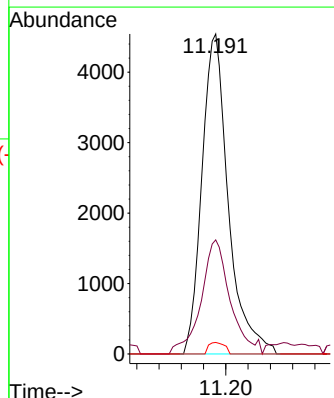
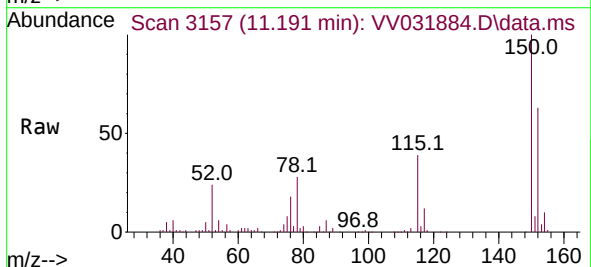
Instrument :
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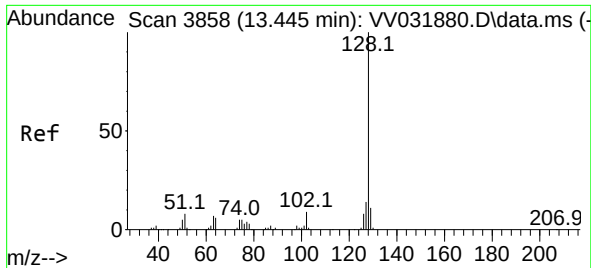
Tgt Ion: 43	Resp: 9188
Ion Ratio	Lower Upper
43	100
58	54.8 44.3 66.5
57	14.8 14.3 21.5
100	5.2 9.6 14.4#



#61
1,2,3-Trichloropropane
Concen: 1.840 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.977 min
Lab File: VV031884.D
Acq: 23 Aug 2023 23:08

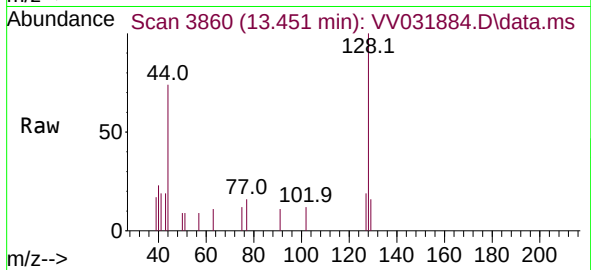
Tgt Ion: 75	Resp: 7474
Ion Ratio	Lower Upper
75	100
77	39.2 28.8 43.2
110	2.2 30.2 45.2#





#71
Naphthalene
Concen: 0.129 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.006 min
Lab File: VV031884.D
Acq: 23 Aug 2023 23:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	2235
Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.9	13.3#
127	11.0	10.8	16.2

