

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023182.D
 Acq On : 03 Nov 2021 13:07
 Operator : SY/MD
 Sample : M4400-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 78 Sample Multiplier: 1

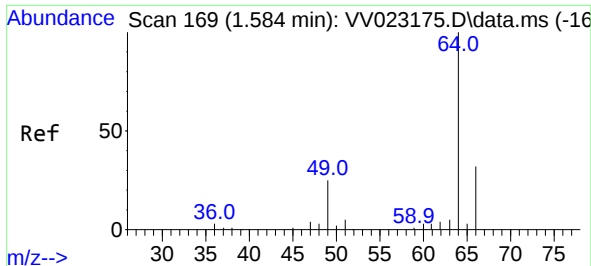
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:03:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118595	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40385	3.897	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.568	69	34479	5.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.108	63	58224	3.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.905	46	83831	50.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.860%
24) Chloroform-d	4.349	84	86027	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.034	65	41195	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.050	84	168658	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.069	67	49896	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.317	98	146233	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.625	79	18585	4.950	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.092	63	68642	49.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33790	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	56269	5.393	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
8) Chloroethane	1.304	64	582	0.133	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	661	0.102	ug/L #	18
12) 1,1-Dichloroethene	2.105	96	533	0.088	ug/L #	1
27) 1,2-Dichloroethane	5.056	62	985	0.119	ug/L #	72
35) Methylcyclohexane	6.069	83	12592	1.091	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5512	0.682	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1293	0.128	ug/L #	42
42) Toluene	7.404	91	2725	0.084	ug/L	96
48) 2-Hexanone	8.143	43	2029	0.718	ug/L #	93
61) 1,2,3-Trichloropropane	11.249	75	6415	1.559	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.259	75	49	0.060	ug/L #	1

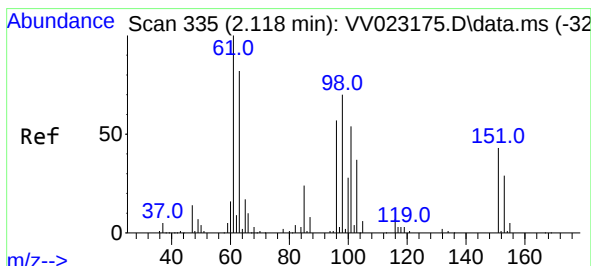
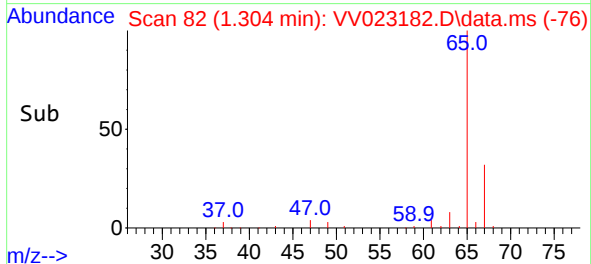
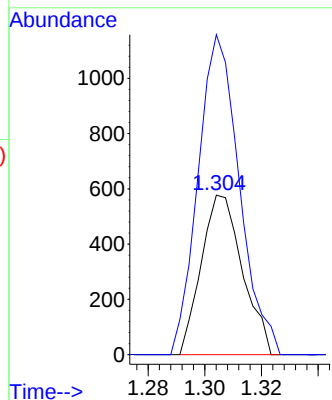
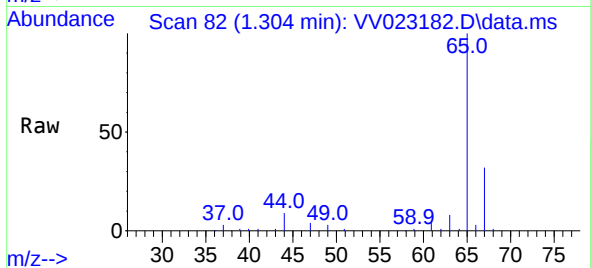
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.133 ug/L
RT: 1.304 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV023182.D
Acq: 03 Nov 2021 13:07

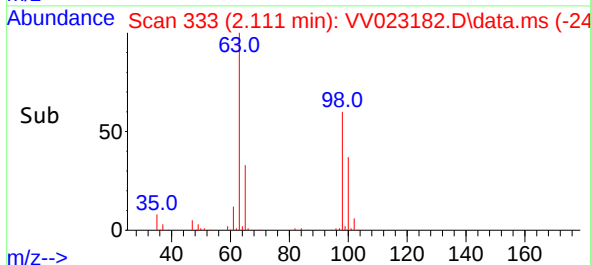
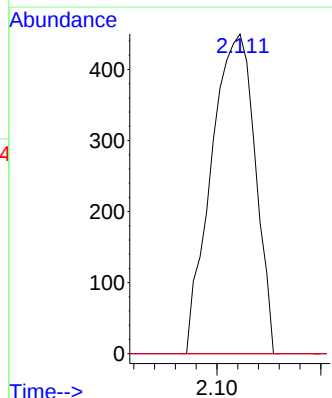
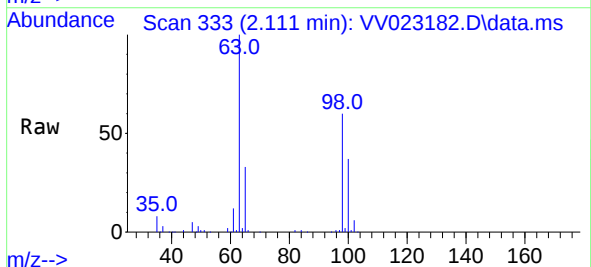
Instrument :
MSVOA_V
ClientSampleId :

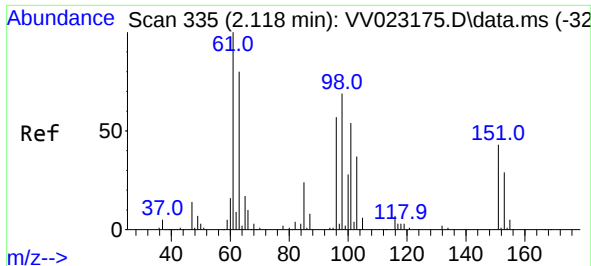
Tgt Ion: 64 Resp: 582
Ion Ratio Lower Upper
64 100
66 200.7 22.1 41.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.102 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV023182.D
Acq: 03 Nov 2021 13:07

Tgt Ion: 101 Resp: 661
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 62.2 93.2#

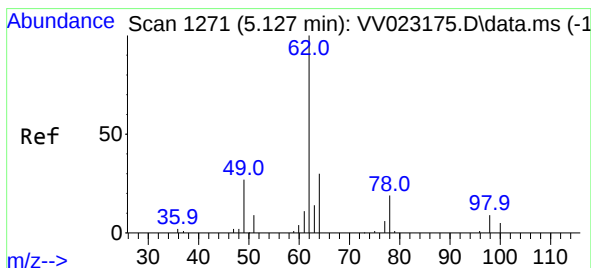
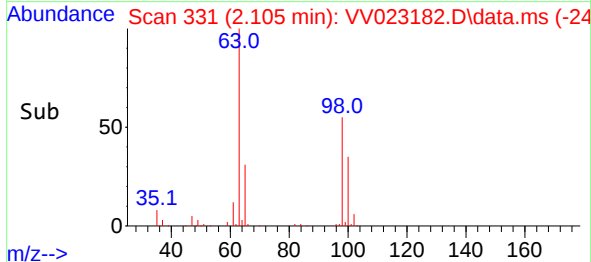
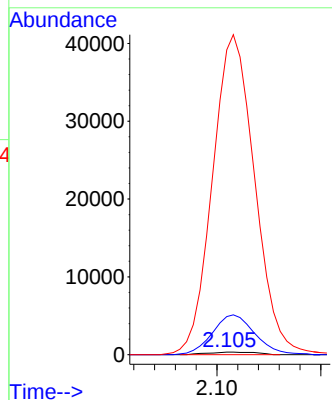
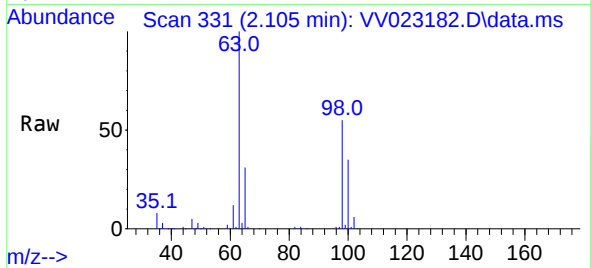




#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV023182.D
Acq: 03 Nov 2021 13:07

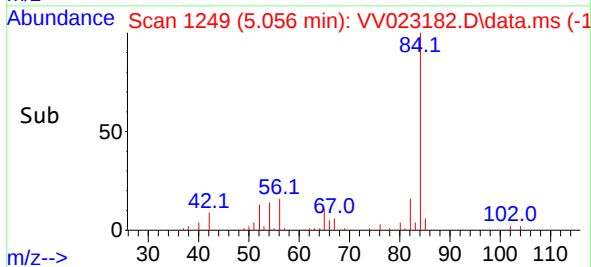
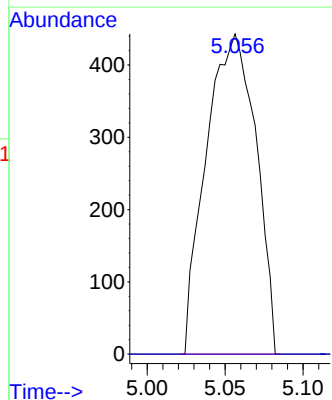
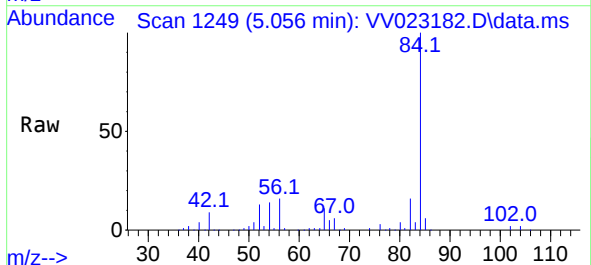
Instrument :
MSVOA_V
ClientSampleId :

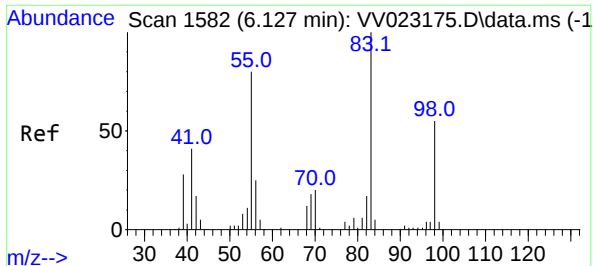
Tgt Ion: 96 Resp: 533
Ion Ratio Lower Upper
96 100
61 1510.2 121.5 225.7#
63 12091.4 99.6 185.0#



#27
1,2-Dichloroethane
Concen: 0.119 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.077 min
Lab File: VV023182.D
Acq: 03 Nov 2021 13:07

Tgt Ion: 62 Resp: 985
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 1.091 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV023182.D

Acq: 03 Nov 2021 13:07

Instrument :

MSVOA_V

ClientSampleId :

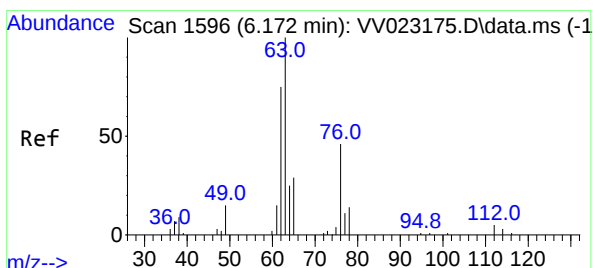
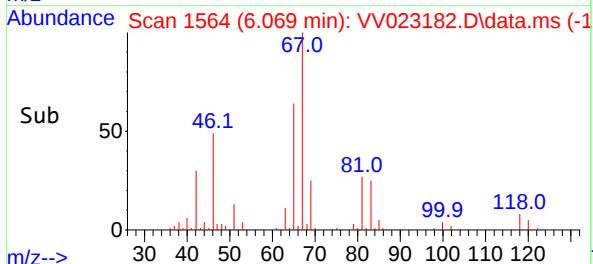
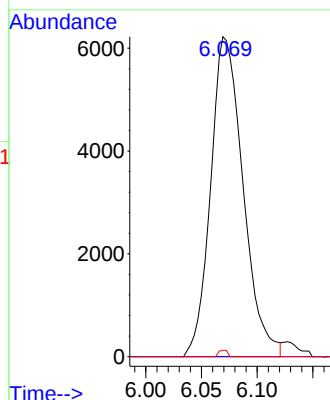
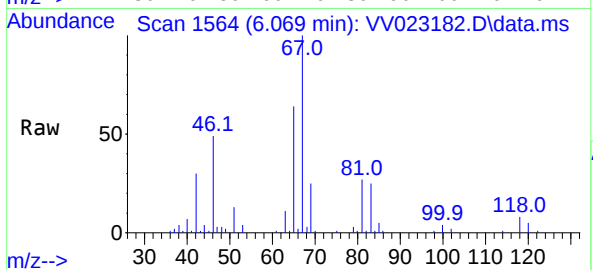
Tgt Ion: 83 Resp: 12592

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.682 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV023182.D

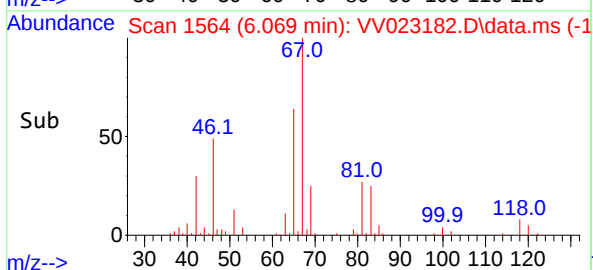
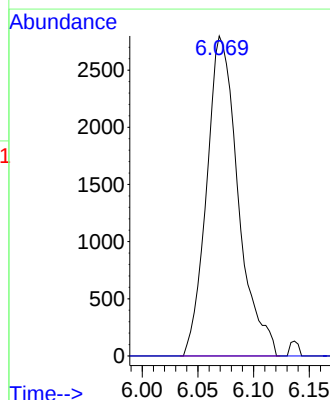
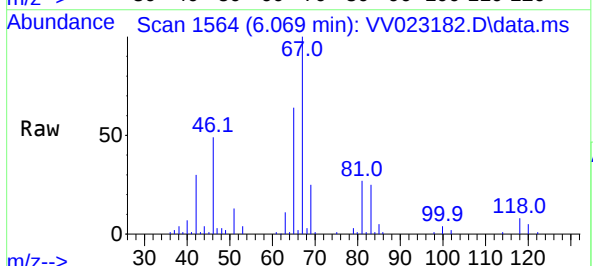
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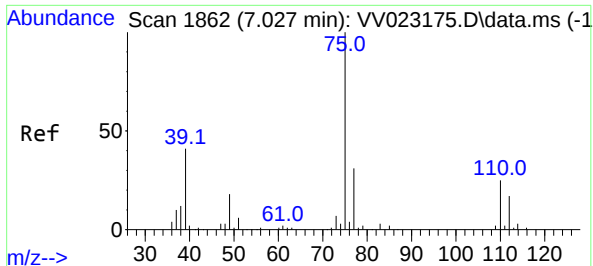
Tgt Ion: 63 Resp: 5512

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023182.D

Acq: 03 Nov 2021 13:07

Instrument :

MSVOA_V

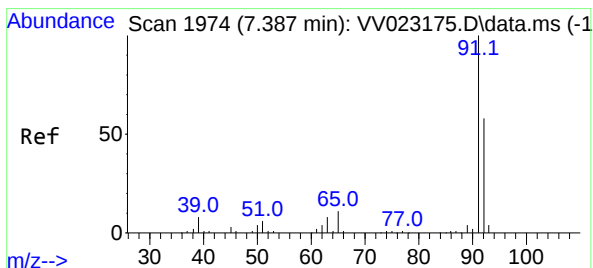
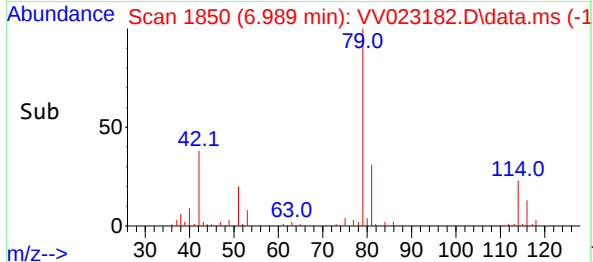
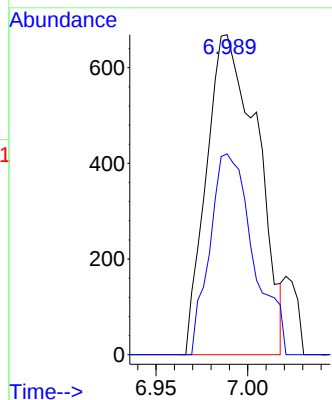
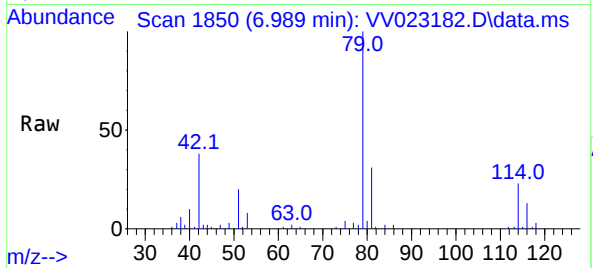
ClientSampleId :

Tgt Ion: 75 Resp: 1293

Ion Ratio Lower Upper

75 100

77 62.8 21.6 40.2#



#42

Toluene

Concen: 0.084 ug/L

RT: 7.404 min Scan# 1979

Delta R.T. 0.013 min

Lab File: VV023182.D

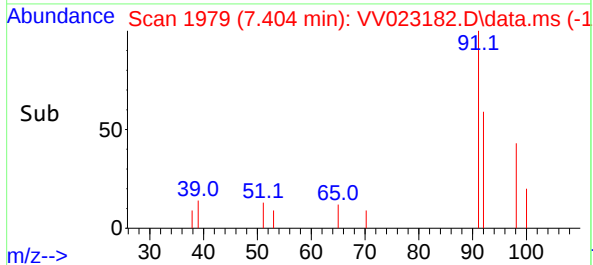
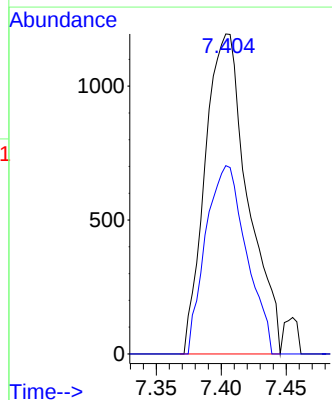
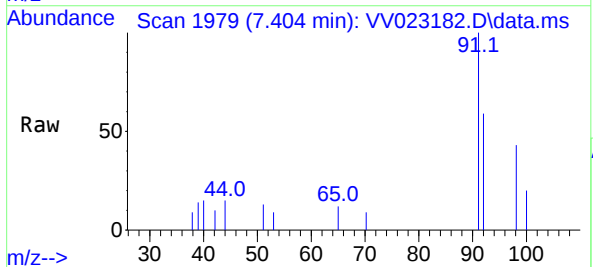
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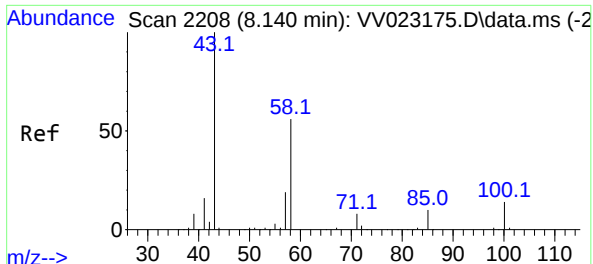
Tgt Ion: 91 Resp: 2725

Ion Ratio Lower Upper

91 100

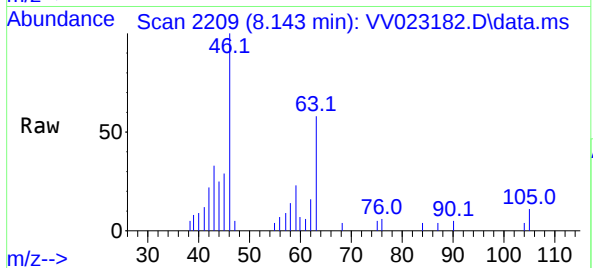
92 58.8 39.3 72.9



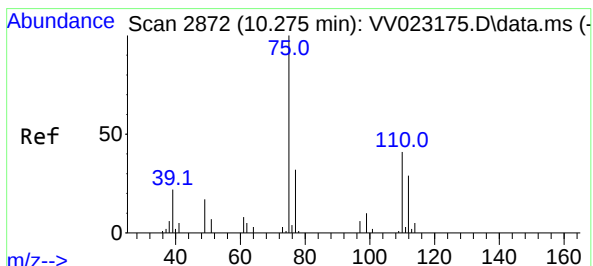
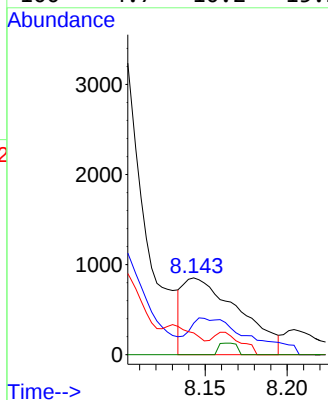
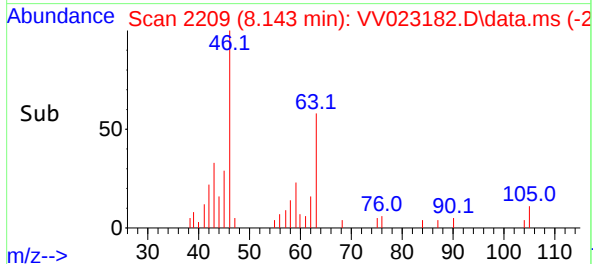


#48
2-Hexanone
Concen: 0.718 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023182.D
Acq: 03 Nov 2021 13:07

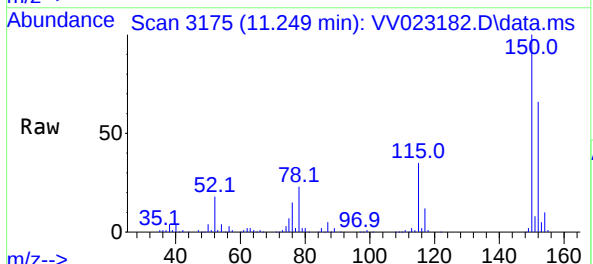
Instrument :
MSVOA_V
ClientSampleId :



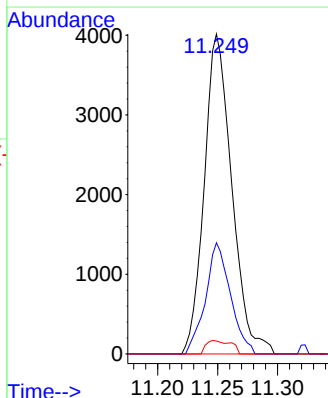
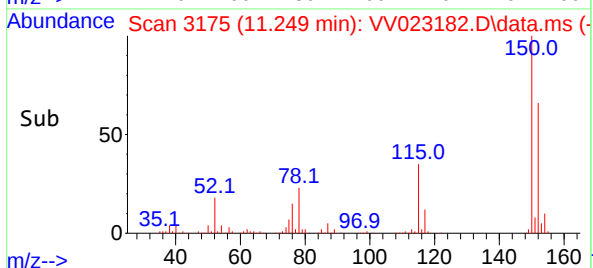
Tgt Ion: 43 Resp: 2029
Ion Ratio Lower Upper
43 100
58 51.2 43.7 65.5
57 15.1 14.1 21.1
100 4.7 10.2 15.2#

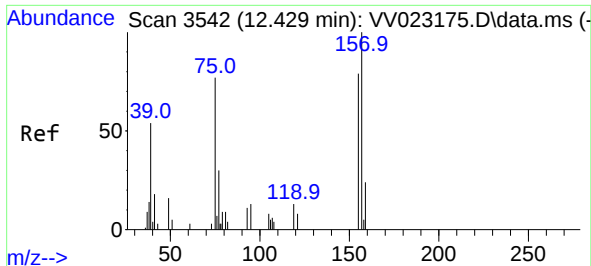


#61
1,2,3-Trichloropropane
Concen: 1.559 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023182.D
Acq: 03 Nov 2021 13:07



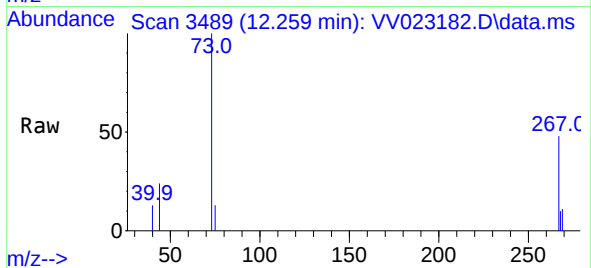
Tgt Ion: 75 Resp: 6415
Ion Ratio Lower Upper
75 100
77 31.4 26.6 39.8
110 3.8 31.8 47.6#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.060 ug/L
 RT: 12.259 min Scan# 34
 Delta R.T. -0.170 min
 Lab File: VV023182.D
 Acq: 03 Nov 2021 13:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 49
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.9 131.9#

