

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024102.D
 Acq On : 19 Dec 2021 20:37
 Operator : SY/MD
 Sample : M5148-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:40:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

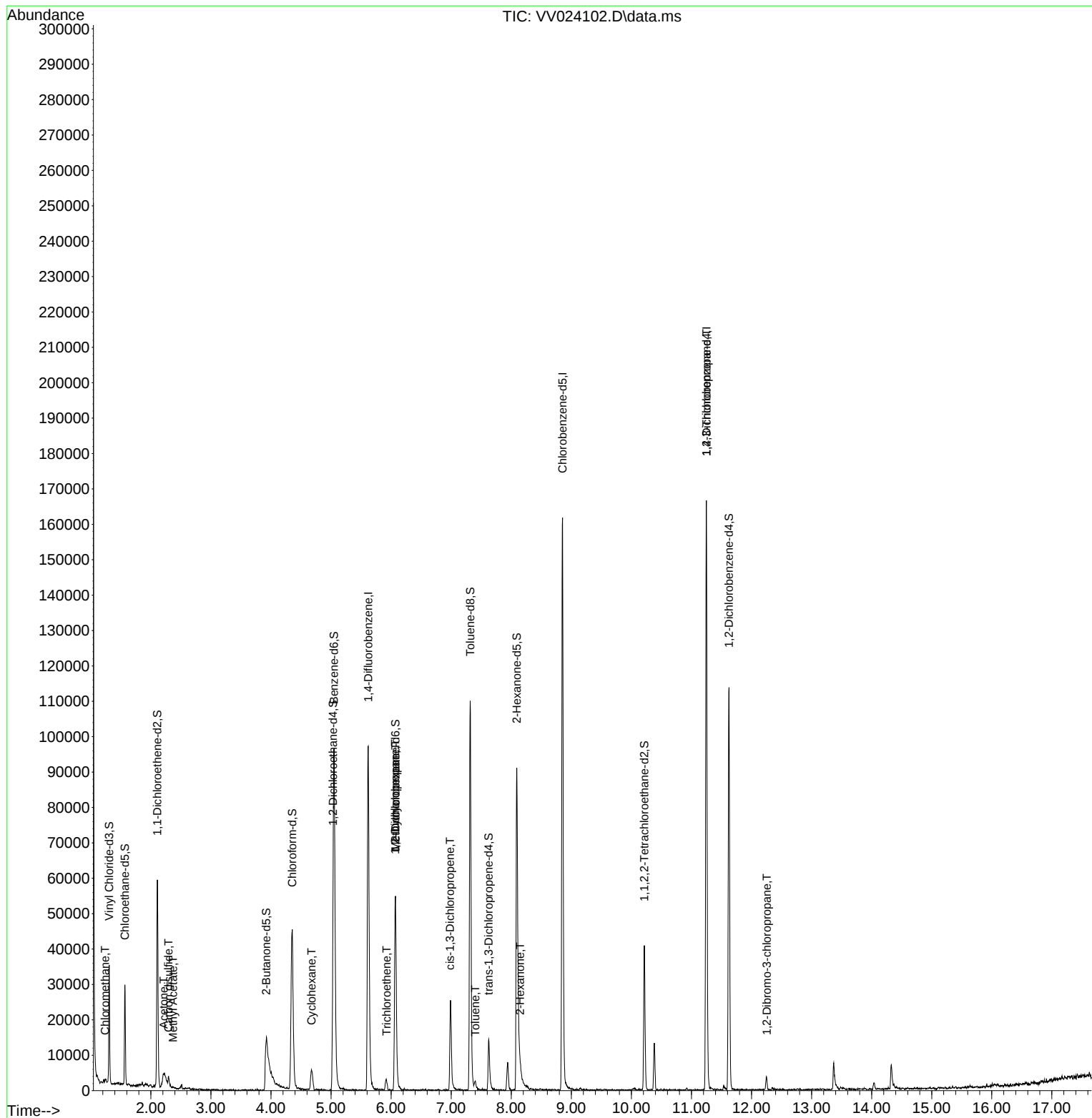
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	88477	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	92434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46512	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18594	3.909	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	17172	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.108	63	30250	3.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.921	46	31941	34.372	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.740%
24) Chloroform-d	4.352	84	46752	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.034	65	22881	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.050	84	85088	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.072	67	26202	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	72862	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.625	79	8643	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.092	63	33792	32.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18124	3.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	31169	5.017	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	427	0.065	ug/L	92
13) Acetone	2.217	43	6110	8.218	ug/L	98
14) Carbon disulfide	2.294	76	2506	0.146	ug/L	99
15) Methyl Acetate	2.368	43	506	0.281	ug/L #	50
30) Cyclohexane	4.674	56	2728	0.284	ug/L #	89
34) Trichloroethene	5.924	95	712	0.097	ug/L #	79
35) Methylcyclohexane	6.072	83	7037	0.648	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3232	0.520	ug/L #	84
39) cis-1,3-Dichloropropene	6.982	75	745	0.081	ug/L	86
42) Toluene	7.400	91	1874	0.064	ug/L	97
48) 2-Hexanone	8.146	43	2800	1.293	ug/L #	67
61) 1,2,3-Trichloropropane	11.249	75	4520	1.427	ug/L #	59
68) 1,2-Dibromo-3-chloropr...	12.255	75	100	0.145	ug/L #	1

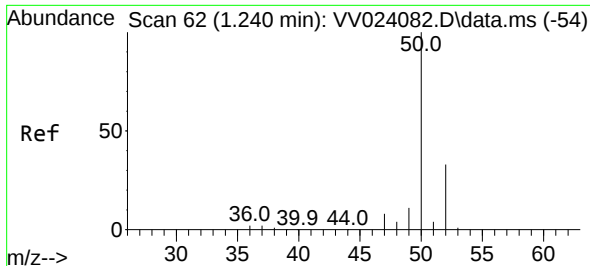
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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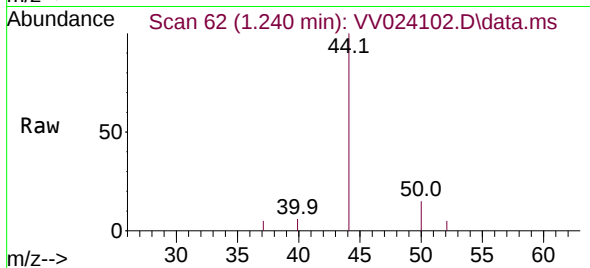
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
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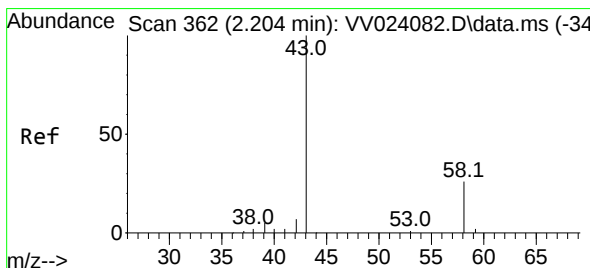
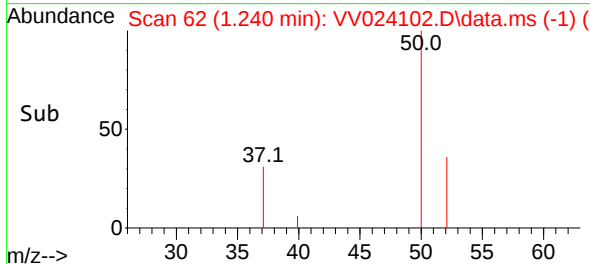
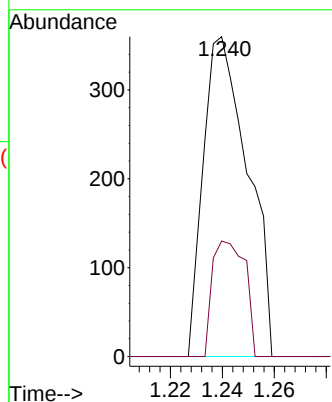


#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

Instrument :
MSVOA_V
ClientSampleId :

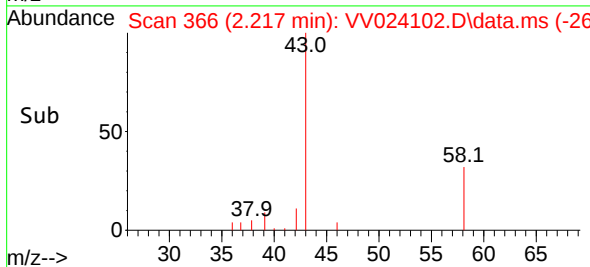
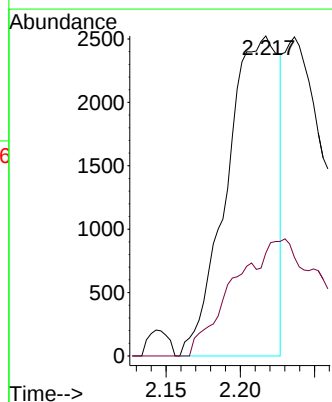
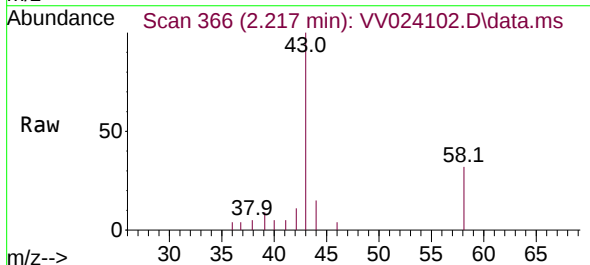


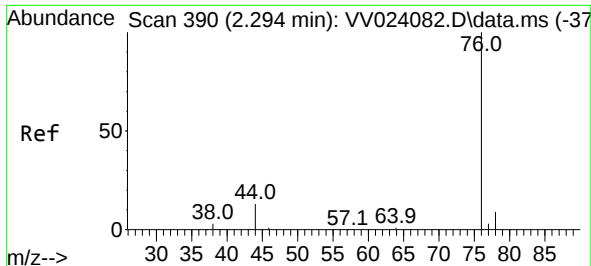
Tgt Ion: 50 Resp: 427
Ion Ratio Lower Upper
50 100
52 36.1 22.0 41.0



#13
Acetone
Concen: 8.218 ug/L
RT: 2.217 min Scan# 366
Delta R.T. 0.013 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

Tgt Ion: 43 Resp: 6110
Ion Ratio Lower Upper
43 100
58 20.0 0.0 41.4

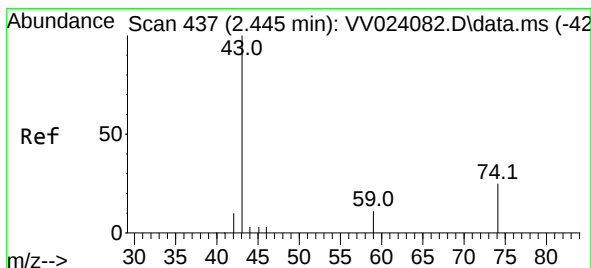
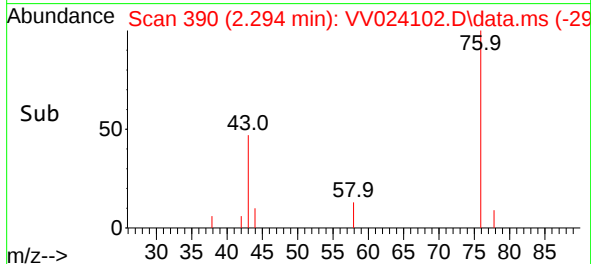
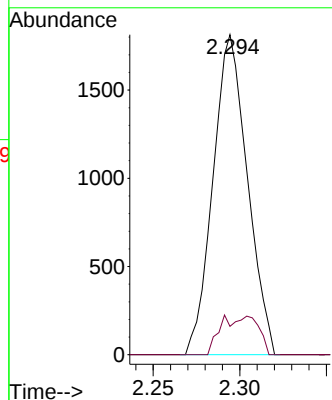
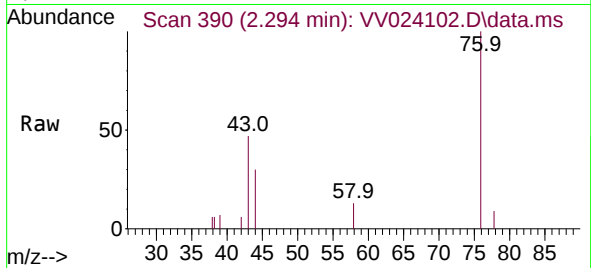




#14
Carbon disulfide
Concen: 0.146 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

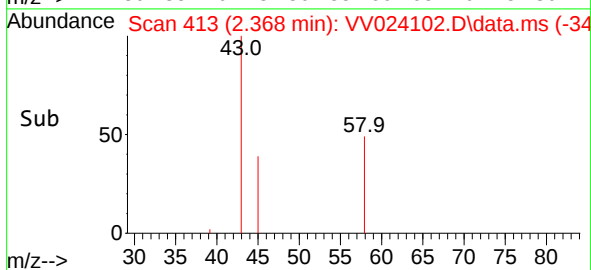
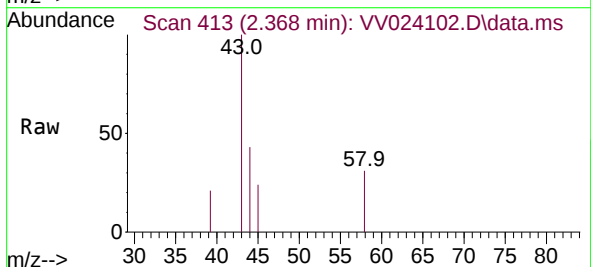
Instrument :
MSVOA_V
ClientSampleId :

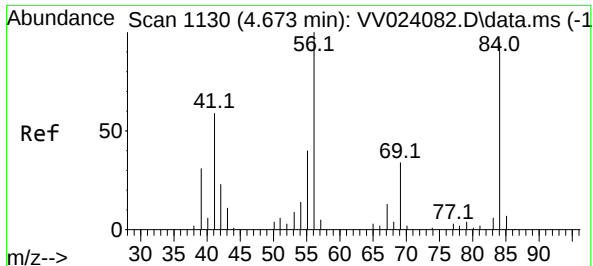
Tgt Ion: 76 Resp: 2506
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#15
Methyl Acetate
Concen: 0.281 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.077 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

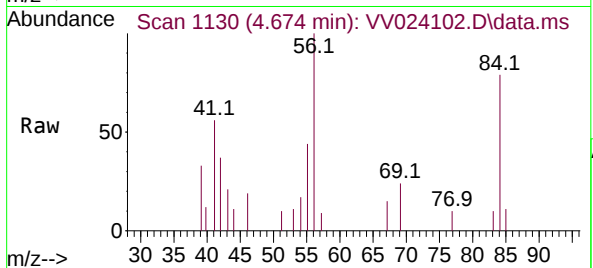
Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



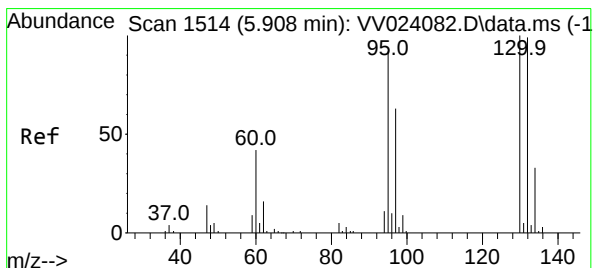
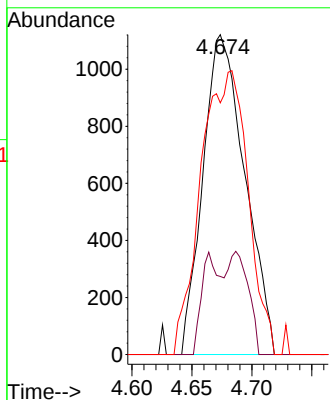
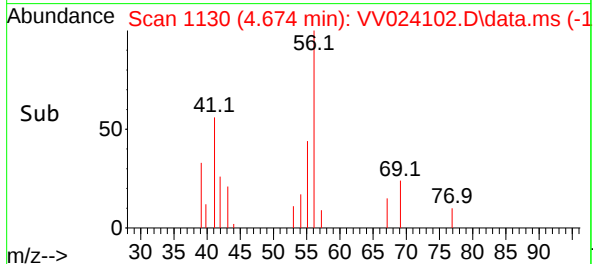


#30
Cyclohexane
Concen: 0.284 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

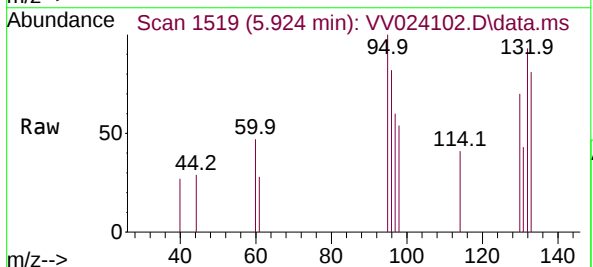
Instrument :
MSVOA_V
ClientSampleId :



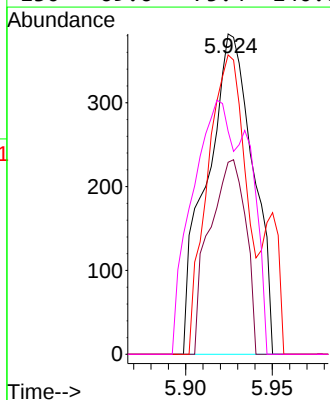
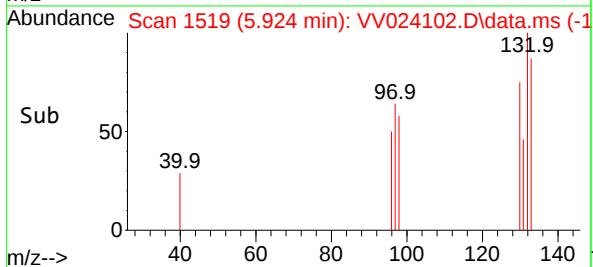
Tgt Ion: 56 Resp: 2728
Ion Ratio Lower Upper
56 100
69 15.7 24.8 37.2#
84 99.7 75.9 113.9

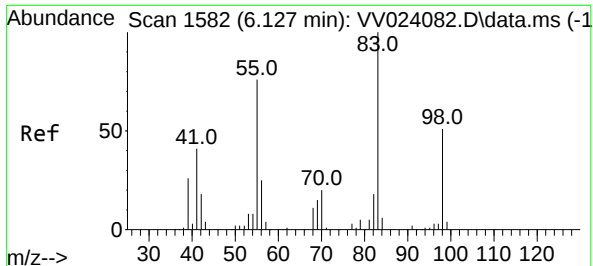


#34
Trichloroethene
Concen: 0.097 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.016 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37



Tgt Ion: 95 Resp: 712
Ion Ratio Lower Upper
95 100
97 59.9 45.2 84.0
132 93.5 76.1 141.3
130 69.6 75.4 140.0#

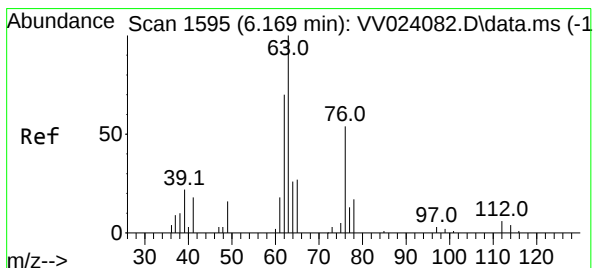
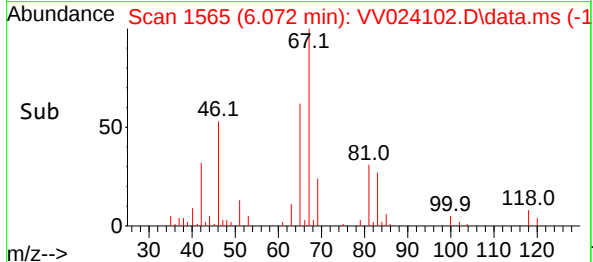
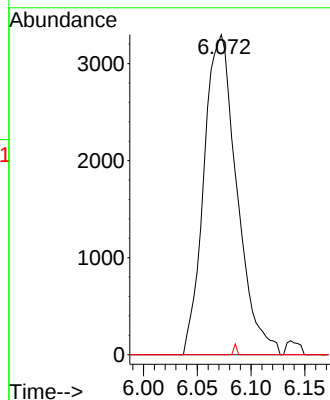
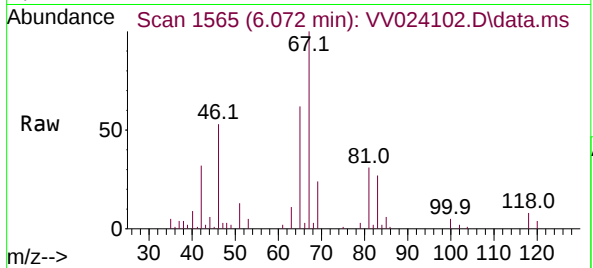




#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.054 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

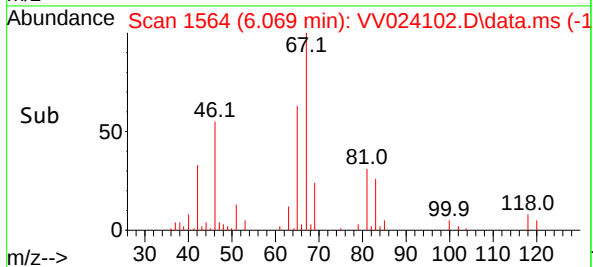
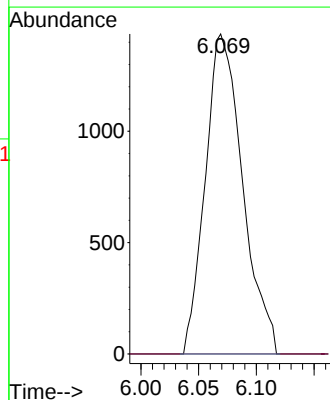
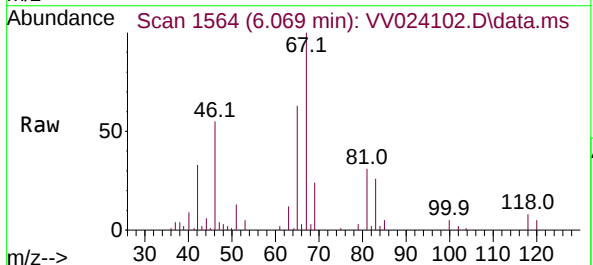
Instrument :
MSVOA_V
ClientSampleId :

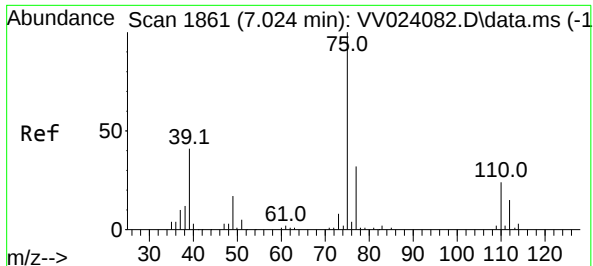
Tgt Ion: 83 Resp: 7037
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.3 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.099 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

Tgt Ion: 63 Resp: 3232
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV024102.D

Acq: 19 Dec 2021 20:37

Instrument :

MSVOA_V

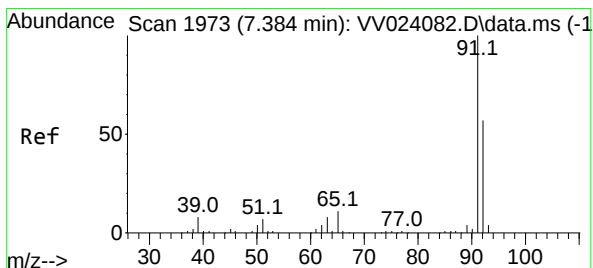
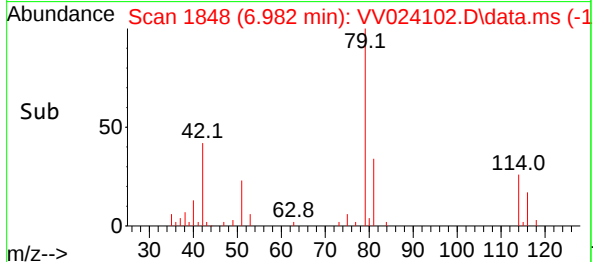
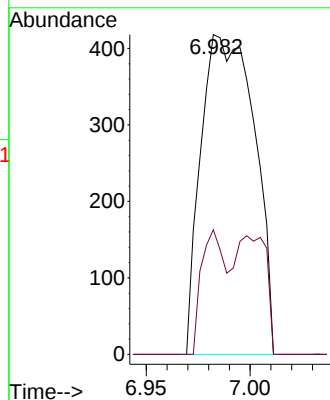
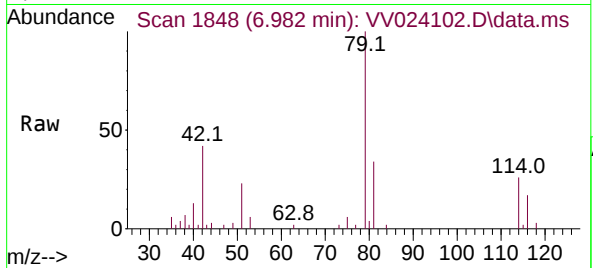
ClientSampleId :

Tgt Ion: 75 Resp: 745

Ion Ratio Lower Upper

75 100

77 39.0 22.0 41.0



#42

Toluene

Concen: 0.064 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV024102.D

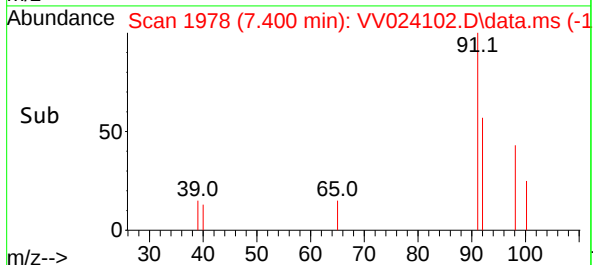
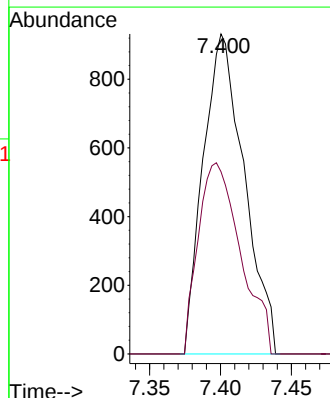
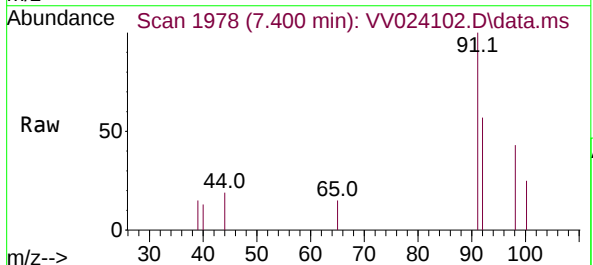
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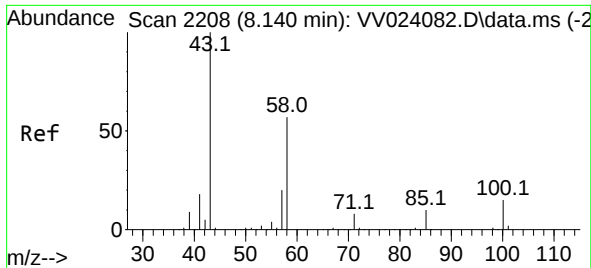
Tgt Ion: 91 Resp: 1874

Ion Ratio Lower Upper

91 100

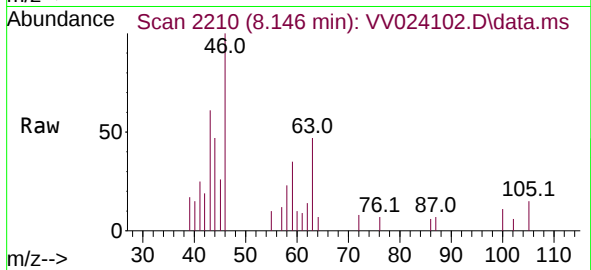
92 57.0 41.5 77.1



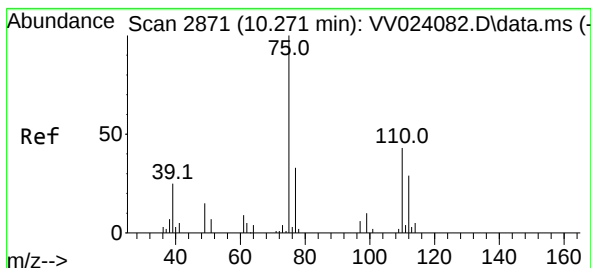
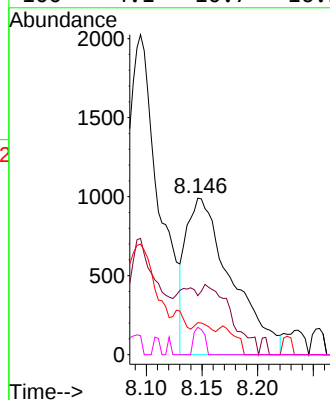
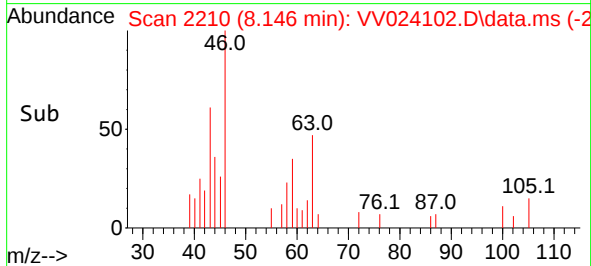


#48
2-Hexanone
Concen: 1.293 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37

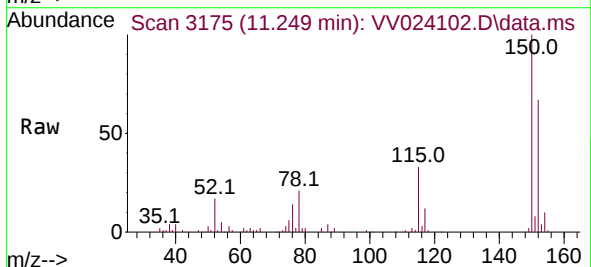
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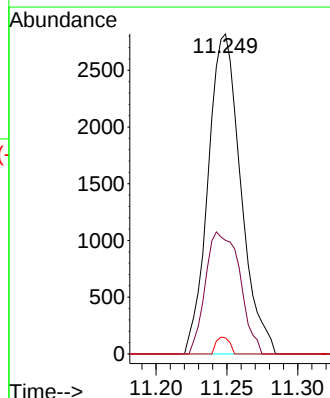
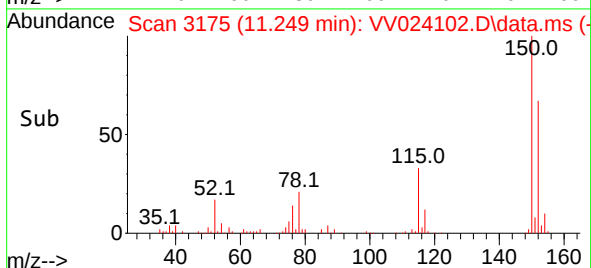
Tgt Ion: 43 Resp: 2800
Ion Ratio Lower Upper
43 100
58 27.4 44.5 66.7#
57 8.6 15.1 22.7#
100 4.1 10.7 16.1#

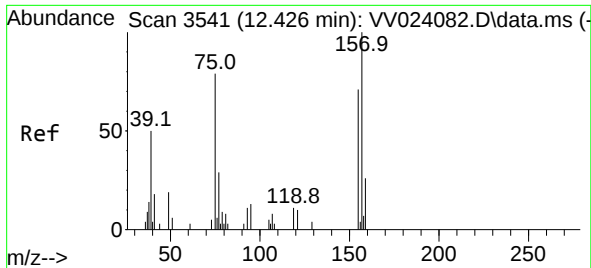


#61
1,2,3-Trichloropropane
Concen: 1.427 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV024102.D
Acq: 19 Dec 2021 20:37



Tgt Ion: 75 Resp: 4520
Ion Ratio Lower Upper
75 100
77 40.0 26.4 39.6#
110 2.1 34.2 51.2#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.145 ug/L

RT: 12.255 min Scan# 34

Delta R.T. -0.170 min

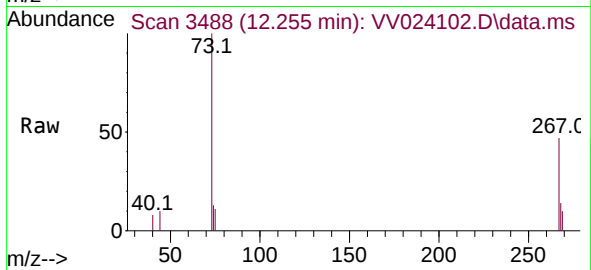
Lab File: VV024102.D

Acq: 19 Dec 2021 20:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 100

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 103.3 154.9#

