

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025475.D
 Acq On : 12 Apr 2022 15:32
 Operator : SY/MD
 Sample : N2356-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS2

Quant Time: Apr 13 02:34:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	52163	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.571	69	50059	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.111	63	80922	3.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.902	46	79068	57.779	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.560%
24) Chloroform-d	4.352	84	85506	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.037	65	39074	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.053	84	163441	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.072	67	49154	5.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	131517	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.628	79	12512	3.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.091	63	57517	50.916	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33255	5.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46424	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	553	0.047	ug/L	95
5) Vinyl chloride	1.314	62	26624	1.984	ug/L	98
8) Chloroethane	1.744	64	27217	2.627	ug/L #	53
12) 1,1-Dichloroethene	2.121	96	1462	0.139	ug/L #	1
14) Carbon disulfide	2.304	76	2131	0.085	ug/L #	75
18) trans-1,2-Dichloroethene	2.764	96	27359	3.111	ug/L	98
19) 1,1-Dichloroethane	3.198	63	1172	0.079	ug/L #	86
22) cis-1,2-Dichloroethene	3.912	96	284520	30.730	ug/L	96
34) Trichloroethene	5.928	95	4270	0.459	ug/L	92
35) Methylcyclohexane	6.072	83	12502	0.842	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5319	0.656	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1025	0.096	ug/L #	82
42) Toluene	7.397	91	10230	0.268	ug/L	94
44) trans-1,3-Dichloropropene	7.622	75	622	0.075	ug/L	91
53) m,p-Xylene	9.153	106	652	0.042	ug/L	80
61) 1,2,3-Trichloropropane	11.246	75	7074	1.933	ug/L #	60

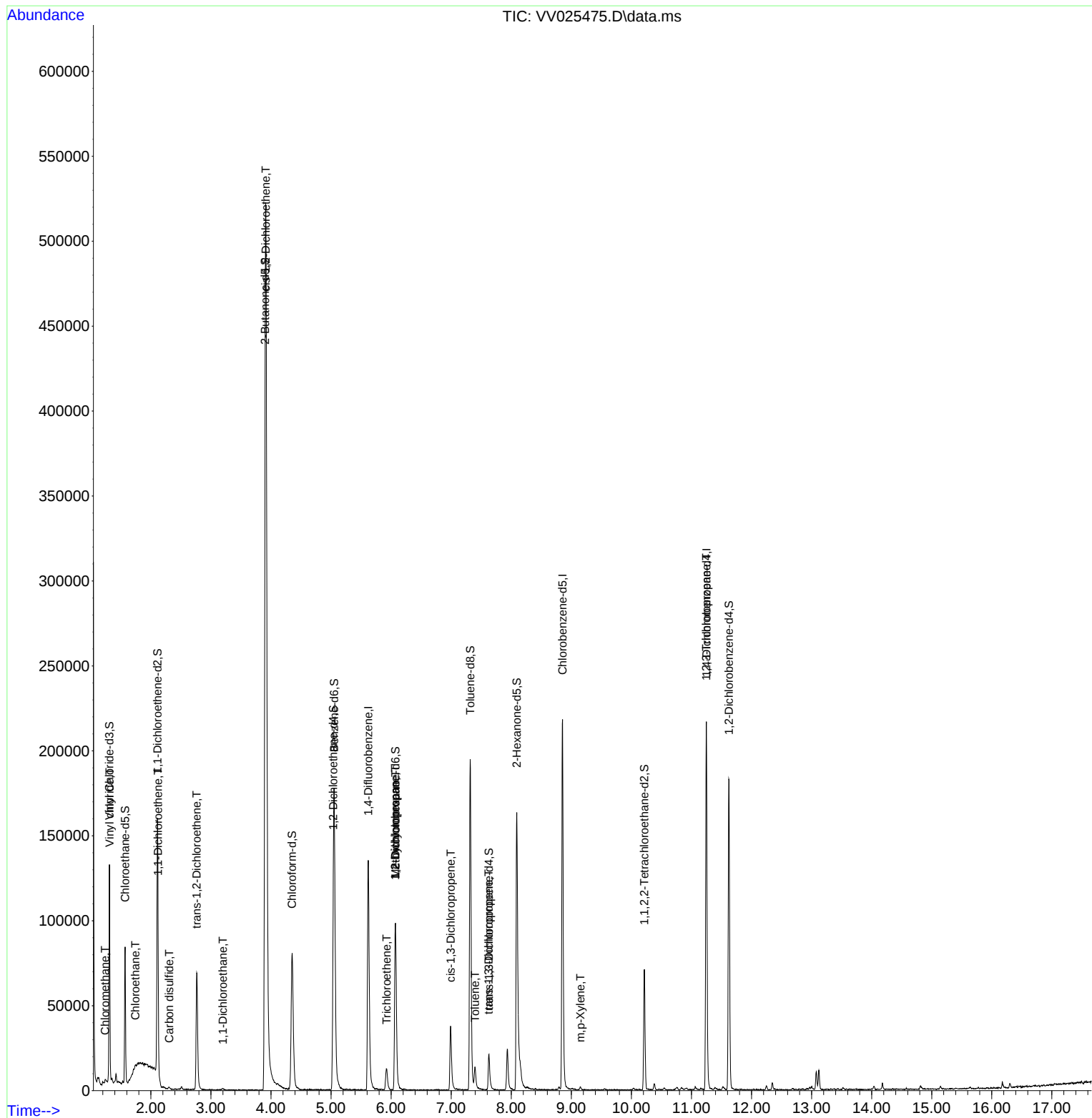
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
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GBDS2

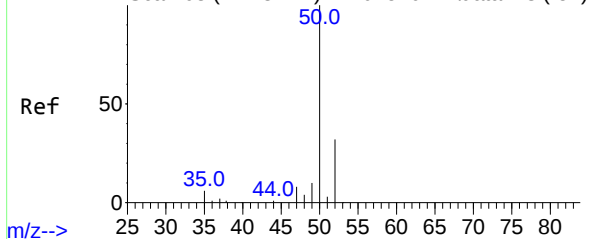
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041222\
Data File : VV025475.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 13 02:31:13 2022
Response via : Initial Calibration



Abundance Scan 63 (1.243 min): VV025464.D\data.ms (-54)



#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV025475.D

Acq: 12 Apr 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

GBDS2

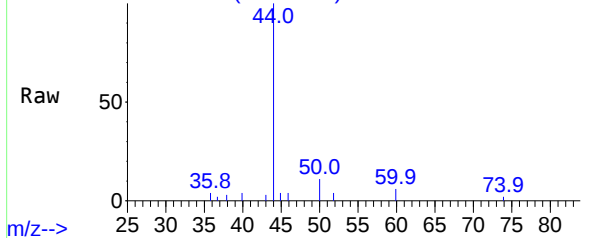
Tgt Ion: 50 Resp: 553

Ion Ratio Lower Upper

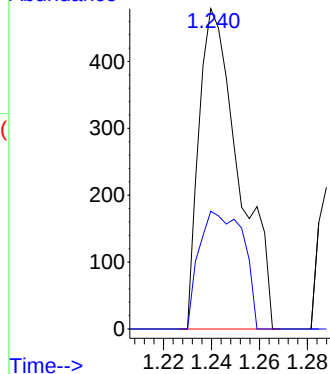
50 100

52 36.7 23.7 43.9

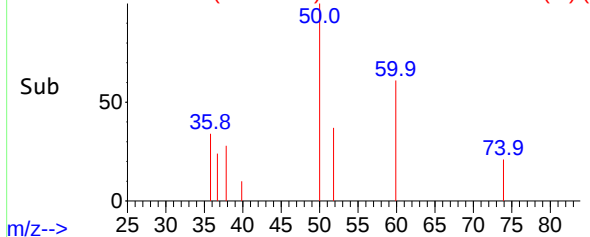
Abundance Scan 62 (1.240 min): VV025475.D\data.ms



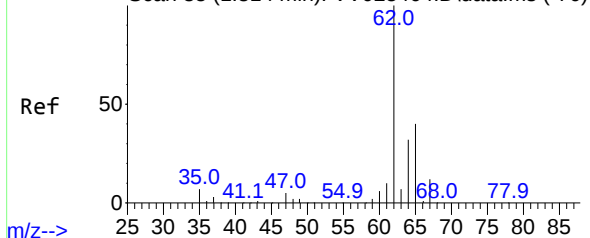
Abundance



Abundance Scan 62 (1.240 min): VV025475.D\data.ms (-1)



Abundance Scan 85 (1.314 min): VV025464.D\data.ms (-76)



#5

Vinyl chloride

Concen: 1.984 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.000 min

Lab File: VV025475.D

Acq: 12 Apr 2022 15:32

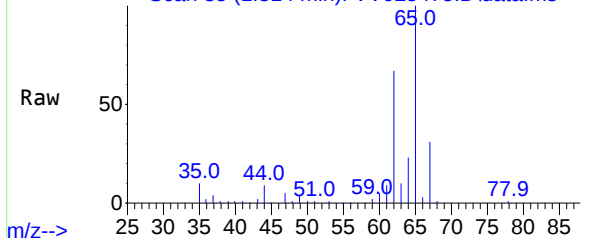
Tgt Ion: 62 Resp: 26624

Ion Ratio Lower Upper

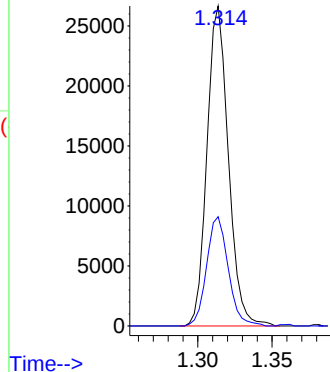
62 100

64 34.2 23.2 43.2

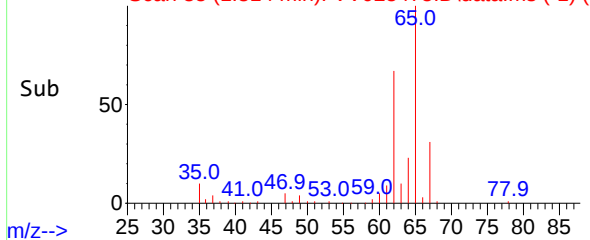
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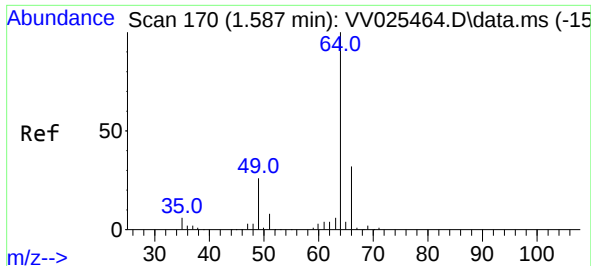


Abundance



Abundance Scan 85 (1.314 min): VV025475.D\data.ms (-1)

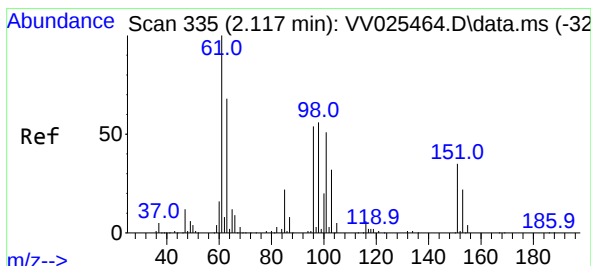
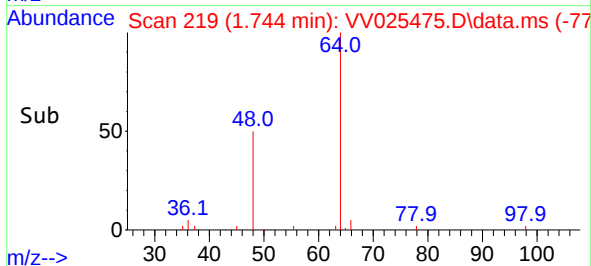
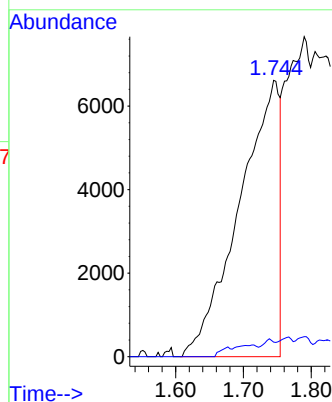
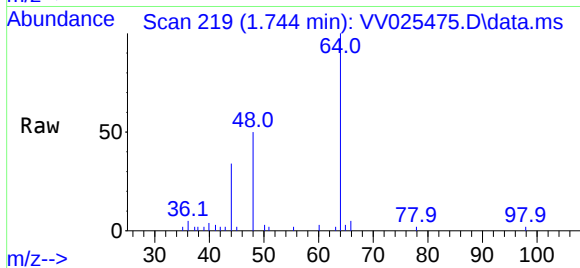




#8
Chloroethane
Concen: 2.627 ug/L
RT: 1.744 min Scan# 21
Delta R.T. 0.158 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

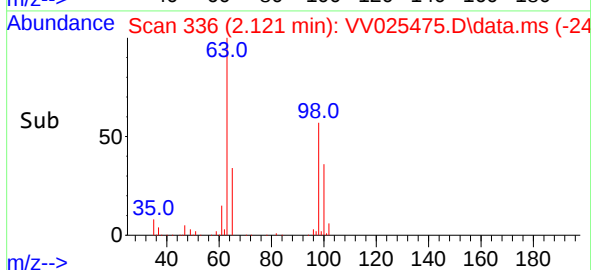
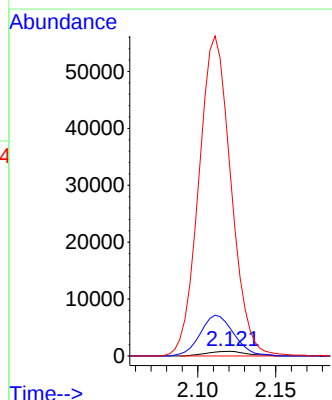
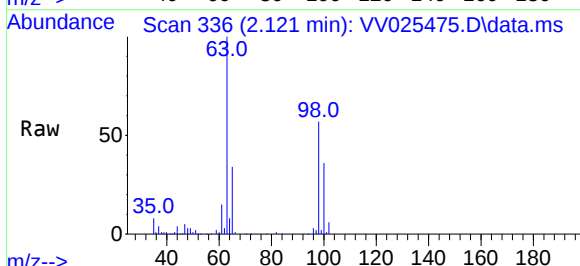
Instrument :
MSVOA_V
ClientSampleId :
GBDS2

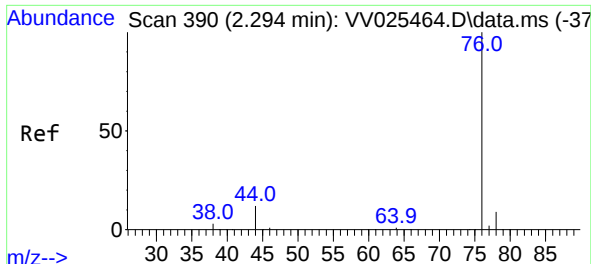
Tgt Ion: 64 Resp: 27217
Ion Ratio Lower Upper
64 100
66 5.3 21.8 40.6#



#12
1,1-Dichloroethene
Concen: 0.139 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

Tgt Ion: 96 Resp: 1462
Ion Ratio Lower Upper
96 100
61 592.6 125.2 232.4#
63 3944.6 114.4 212.4#

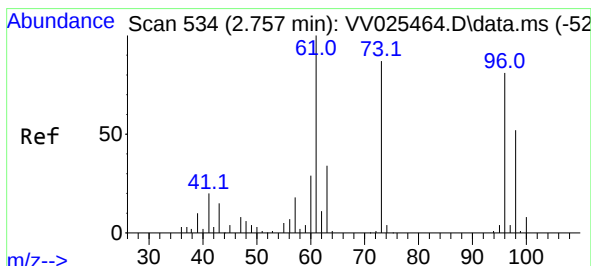
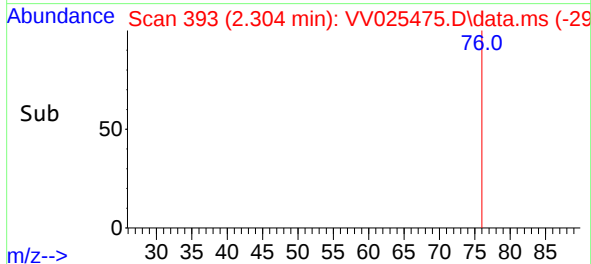
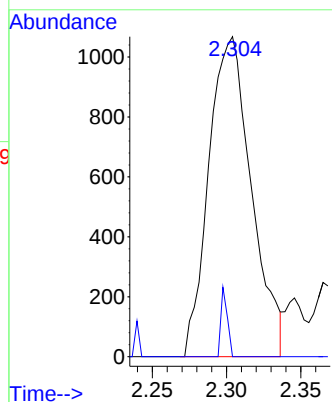
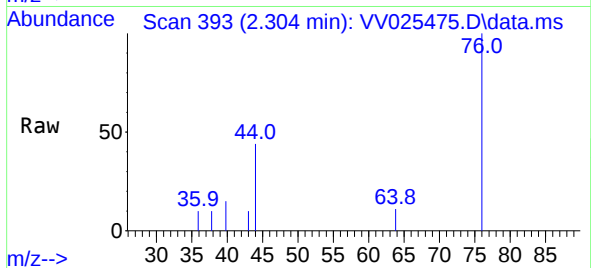




#14
Carbon disulfide
Concen: 0.085 ug/L
RT: 2.304 min Scan# 391
Delta R.T. 0.010 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

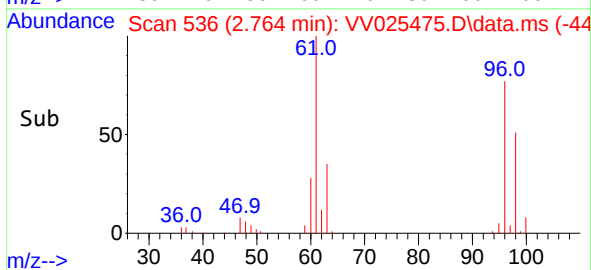
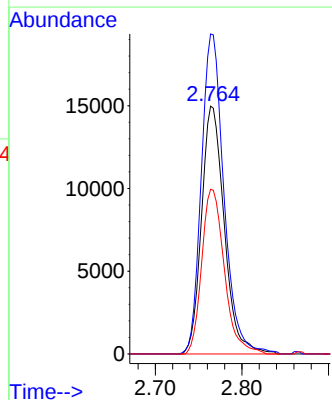
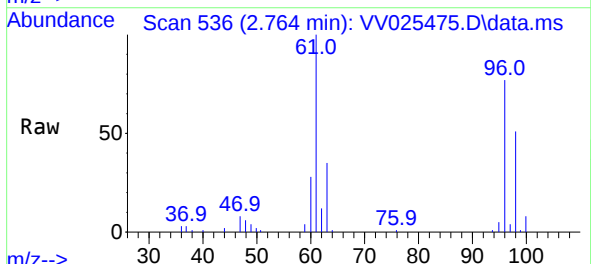
Instrument :
MSVOA_V
ClientSampleId :
GBDS2

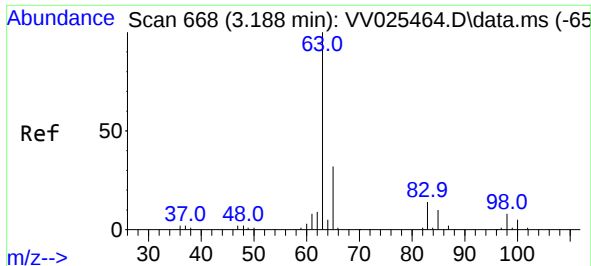
Tgt Ion: 76 Resp: 2131
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
trans-1,2-Dichloroethene
Concen: 3.111 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

Tgt Ion: 96 Resp: 27359
Ion Ratio Lower Upper
96 100
61 129.1 92.1 171.1
98 66.5 47.5 88.1





#19

1,1-Dichloroethane

Concen: 0.079 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV025475.D

Acq: 12 Apr 2022 15:32

Instrument :

MSVOA_V

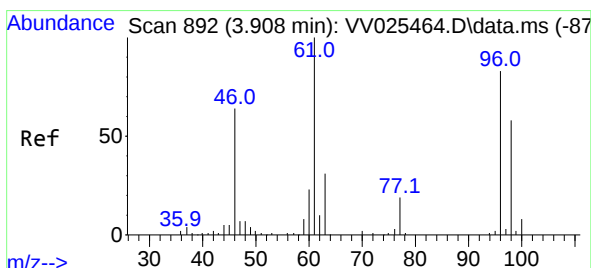
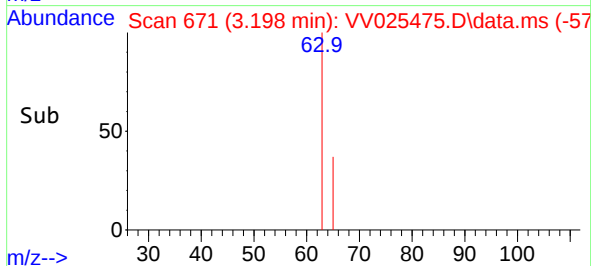
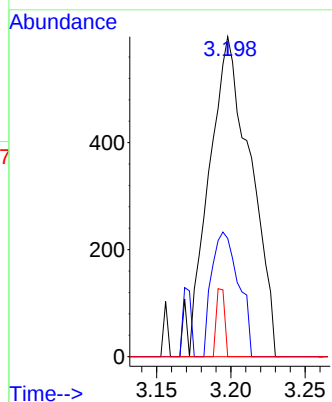
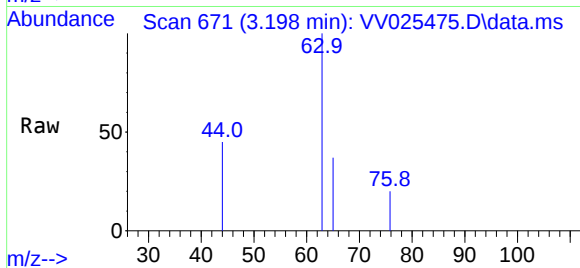
ClientSampleId :

GBDS2

Tgt Ion: 63 Resp: 1172

Ion Ratio Lower Upper

63	100		
65	37.0	23.2	43.0
83	0.0	9.0	16.8



#22

cis-1,2-Dichloroethene

Concen: 30.730 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

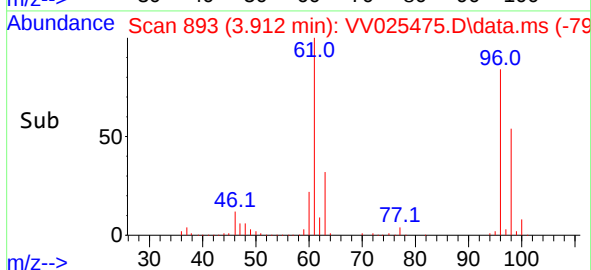
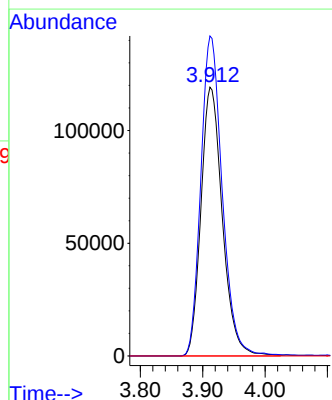
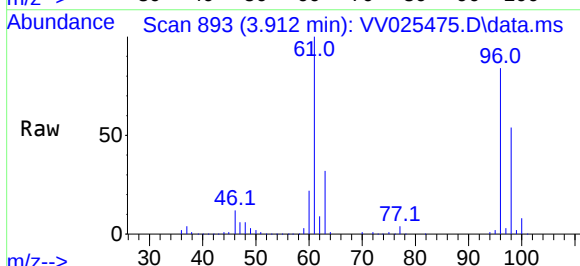
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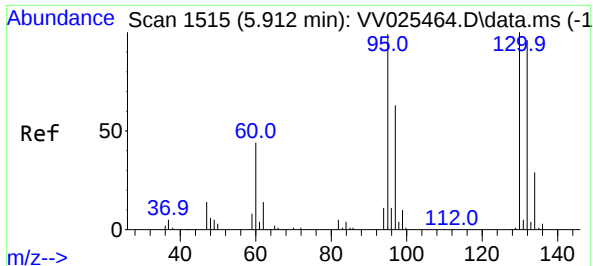
Acq: 12 Apr 2022 15:32

Tgt Ion: 96 Resp: 284520

Ion Ratio Lower Upper

96	100		
61	119.0	80.0	148.6
68	0.0	0.0	0.0



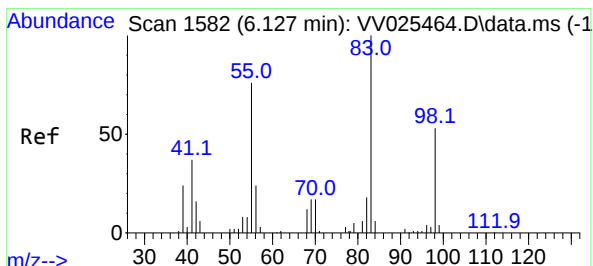
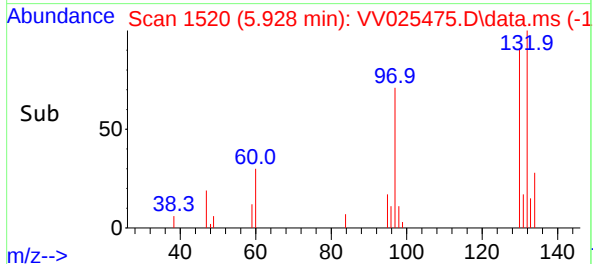
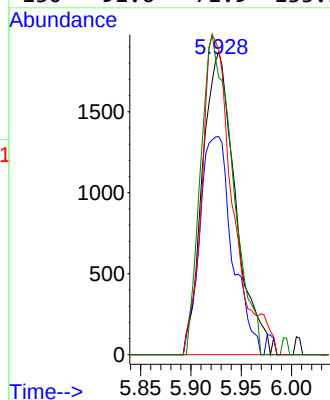
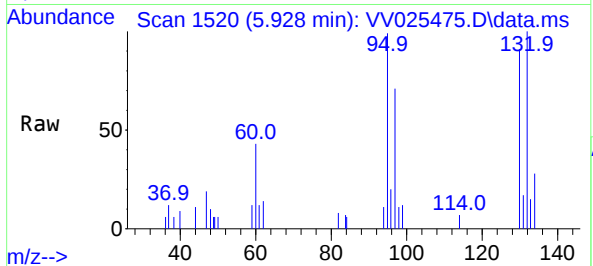


#34
Trichloroethene
Concen: 0.459 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :
GBDS2

Tgt Ion: 95 Resp: 4270

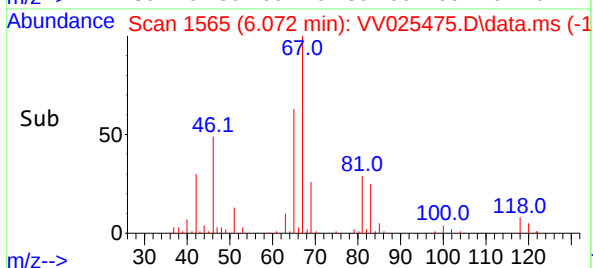
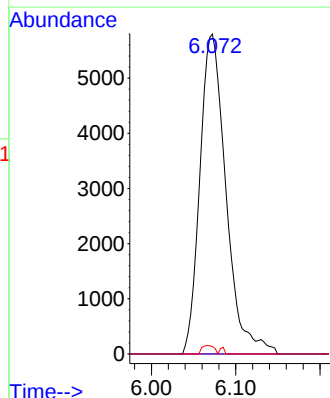
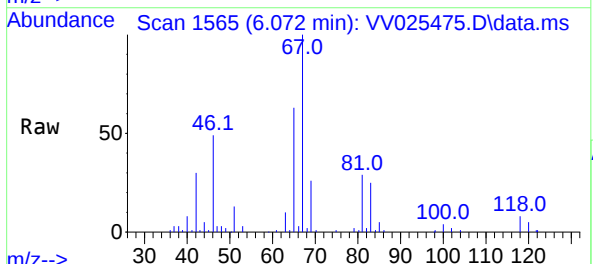
Ion	Ratio	Lower	Upper
95	100		
97	72.1	45.8	85.2
132	101.0	68.0	126.4
130	91.6	71.9	133.5

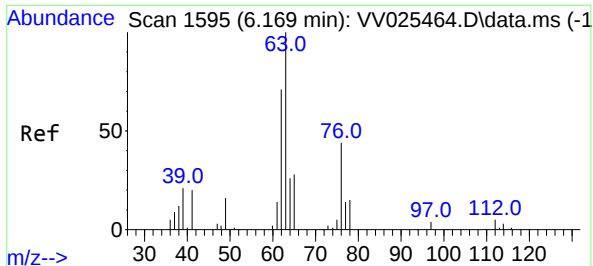


#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

Tgt Ion: 83 Resp: 12502

Ion	Ratio	Lower	Upper
83	100		
55	0.0	53.7	80.5#
98	1.2	39.6	59.4#

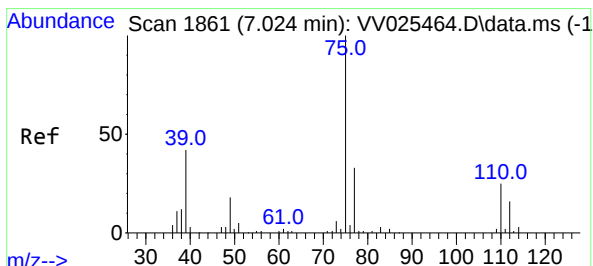
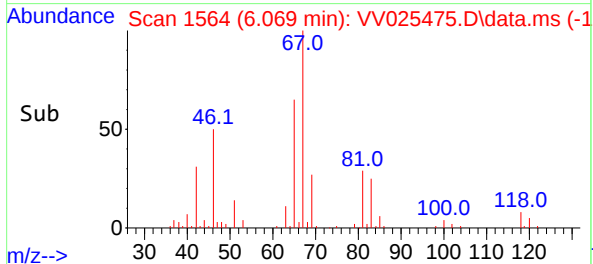
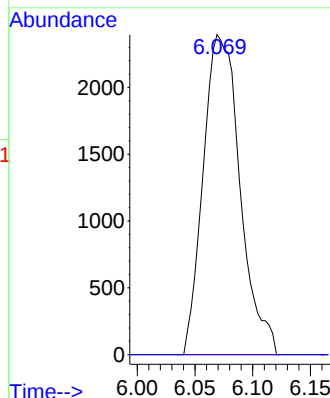
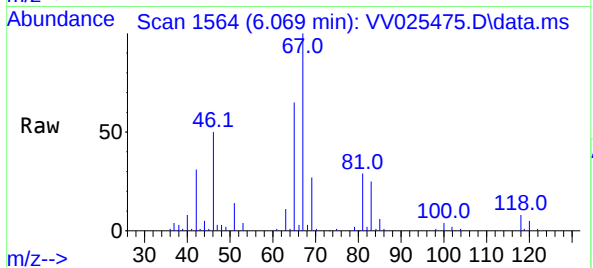




#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

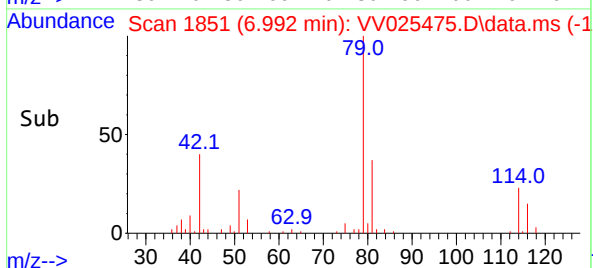
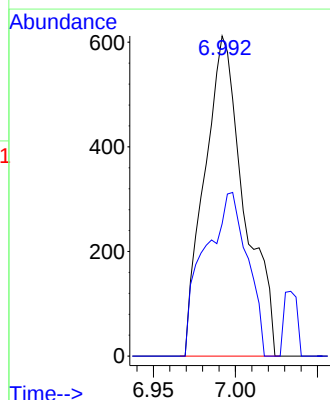
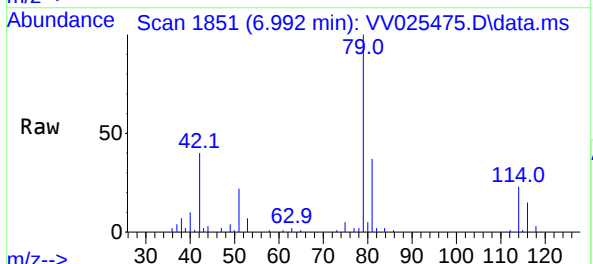
Instrument :
MSVOA_V
ClientSampleId :
GBDS2

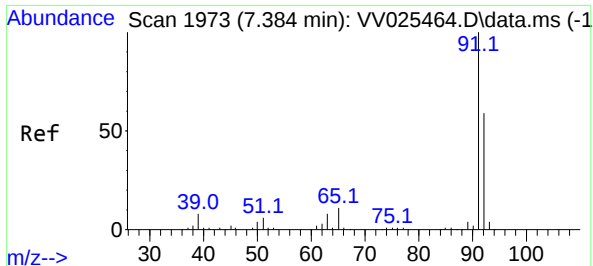
Tgt Ion: 63 Resp: 5319
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.032 min
Lab File: VV025475.D
Acq: 12 Apr 2022 15:32

Tgt Ion: 75 Resp: 1025
Ion Ratio Lower Upper
75 100
77 41.3 21.8 40.6#





#42

Toluene

Concen: 0.268 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV025475.D

Acq: 12 Apr 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

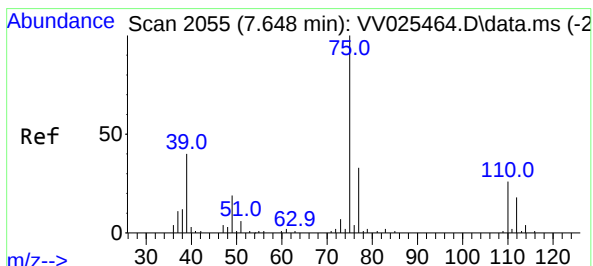
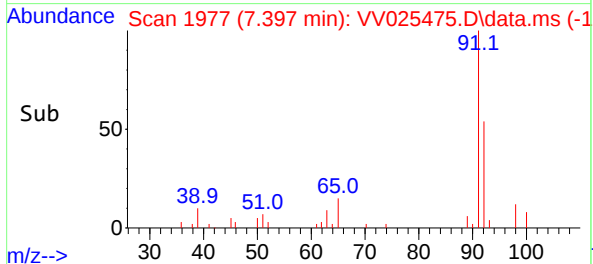
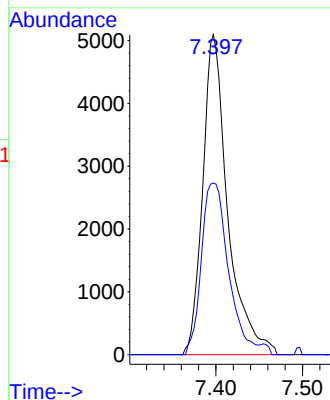
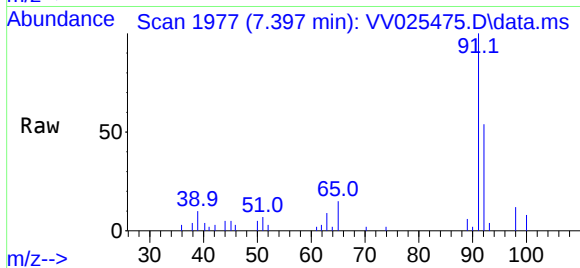
GBDS2

Tgt Ion: 91 Resp: 10230

Ion Ratio Lower Upper

91 100

92 53.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV025475.D

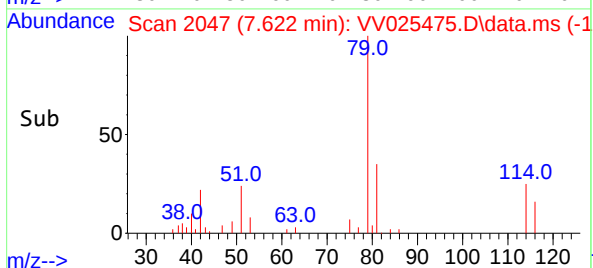
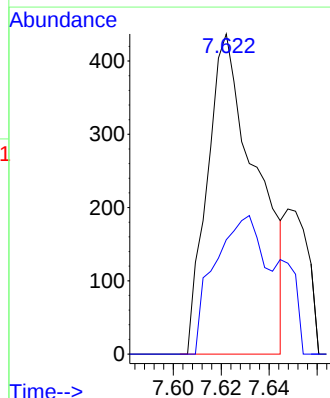
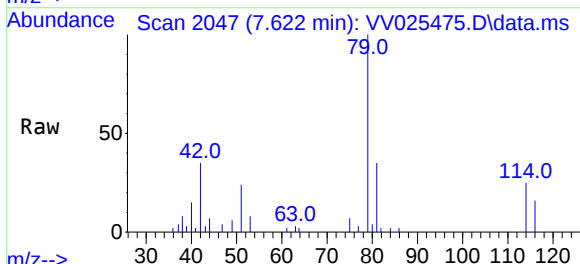
Acq: 12 Apr 2022 15:32

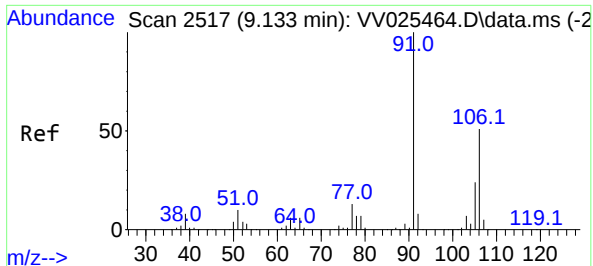
Tgt Ion: 75 Resp: 622

Ion Ratio Lower Upper

75 100

77 35.7 21.7 40.3

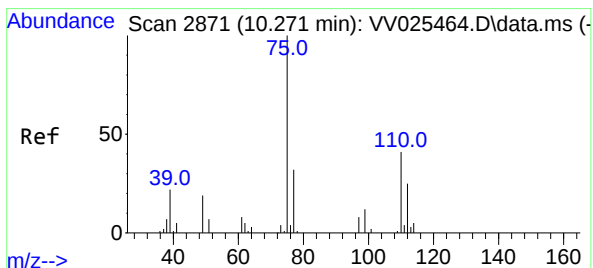
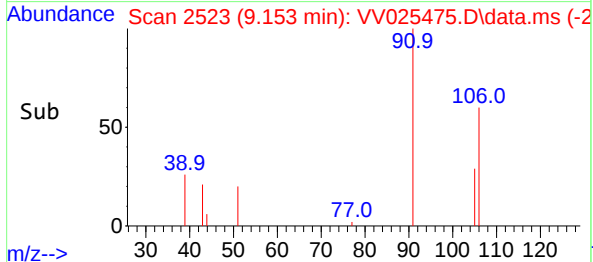
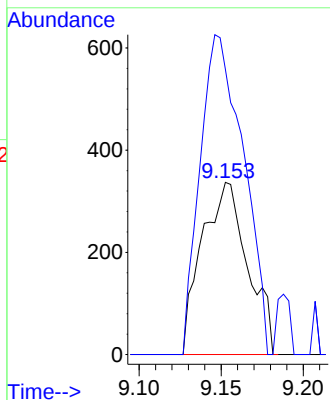
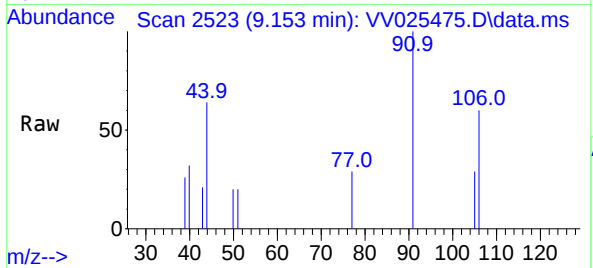




#53
 m,p-Xylene
 Concen: 0.042 ug/L
 RT: 9.153 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VV025475.D
 Acq: 12 Apr 2022 15:32

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS2

Tgt Ion:106 Resp: 652
 Ion Ratio Lower Upper
 106 100
 91 165.6 136.4 253.4



#61
 1,2,3-Trichloropropane
 Concen: 1.933 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025475.D
 Acq: 12 Apr 2022 15:32

Tgt Ion: 75 Resp: 7074
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.6 38.4
 110 0.6 34.7 52.1#

