

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
 Data File : VV025520.D
 Acq On : 14 Apr 2022 02:55
 Operator : SY/MD
 Sample : N2384-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 05:25:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	117606	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59471	5.439	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	108.800%	
7) Chloroethane-d5	1.571	69	55954	4.810	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.111	63	90622	4.137	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	82.800%	
20) 2-Butanone-d5	3.918	46	68306	51.358	ug/L	0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	102.720%	
24) Chloroform-d	4.352	84	87338	5.286	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	105.800%	
26) 1,2-Dichloroethane-d4	5.037	65	40620	5.706	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	114.200%	
32) Benzene-d6	5.053	84	176668	5.117	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.072	67	50424	5.237	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	104.800%	
41) Toluene-d8	7.317	98	143225	4.470	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	7.625	79	14058	4.344	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.091	63	52774	46.462	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	92.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32676	5.372	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	45564	5.342	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	106.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	183588	17.281	ug/L	99
3) Chloromethane	1.134	50	21192	1.836	ug/L #	42
5) Vinyl chloride	1.314	62	1325	0.102	ug/L #	28
12) 1,1-Dichloroethene	2.114	96	884	0.087	ug/L #	1
14) Carbon disulfide	2.301	76	1551	0.064	ug/L #	70
22) cis-1,2-Dichloroethene	3.931	96	1100	0.122	ug/L	96
25) Chloroform	4.381	83	1943	0.127	ug/L	90
27) 1,2-Dichloroethane	5.063	62	506	0.063	ug/L #	71
34) Trichloroethene	5.928	95	2103	0.225	ug/L	88
35) Methylcyclohexane	6.069	83	12559	0.841	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5907	0.724	ug/L #	85
44) trans-1,3-Dichloropropene	7.628	75	645	0.078	ug/L	86
49) Dibromochloromethane	7.979	129	163	0.027	ug/L #	11
53) m,p-Xylene	9.146	106	1156	0.074	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	6204	1.852	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.921	105	1309	0.093	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.242	75	165	0.285	ug/L #	2

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Acq On : 14 Apr 2022 02:55
Operator : SY/MD
Sample : N2384-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

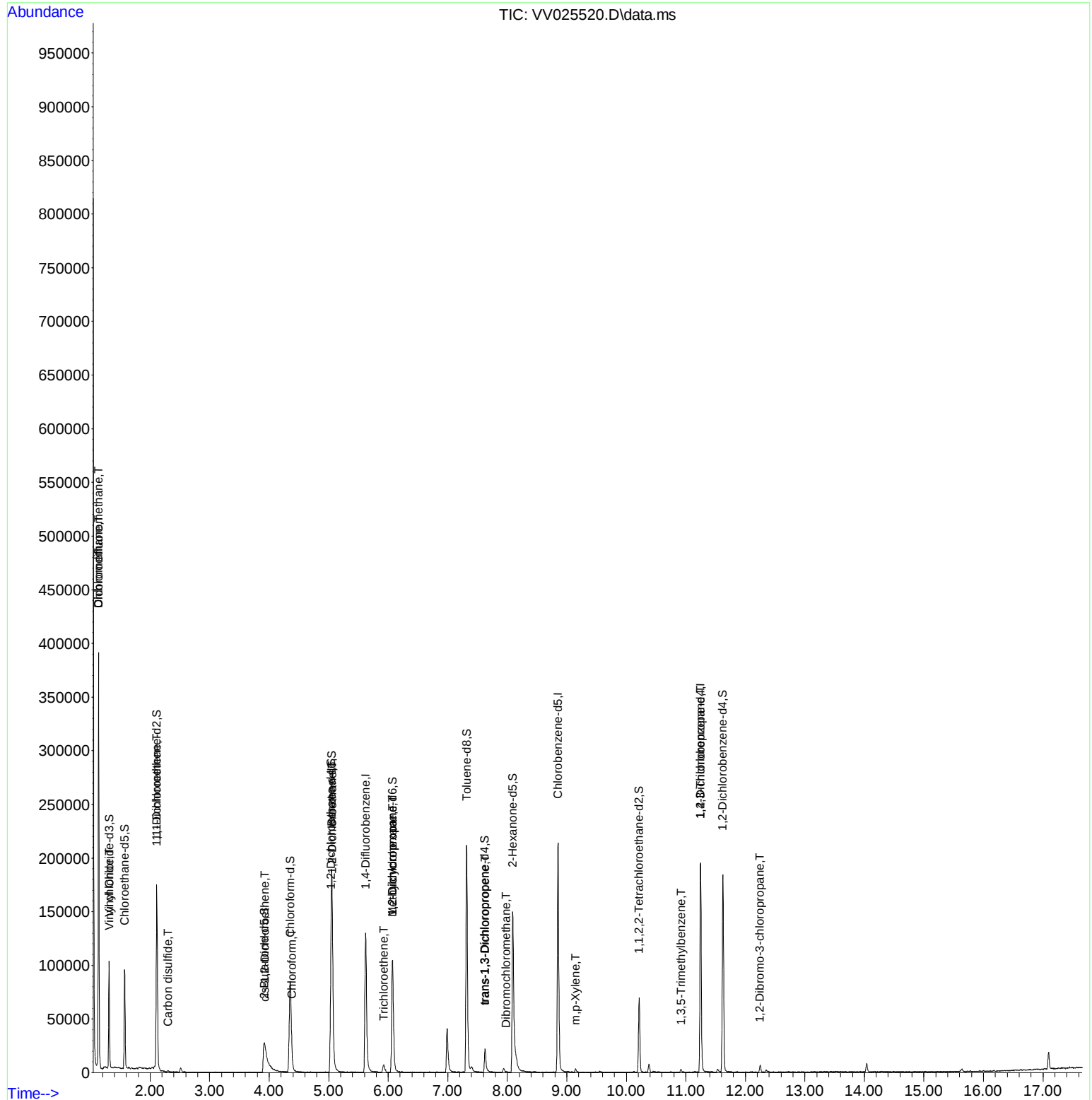
Quant Time: Apr 14 05:25:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 14 05:22:13 2022
Response via : Initial Calibration

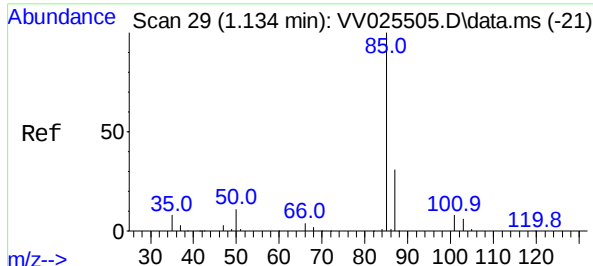
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :

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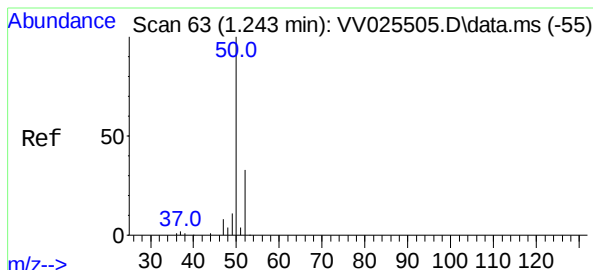
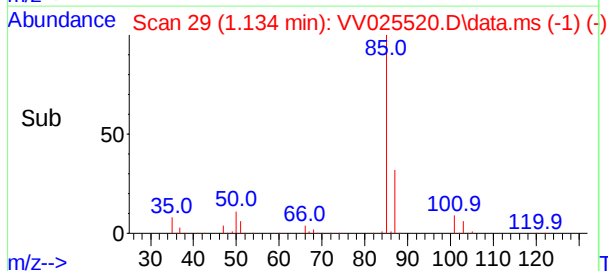
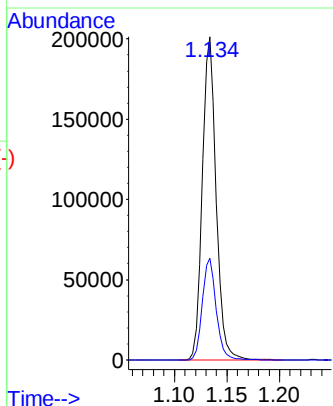
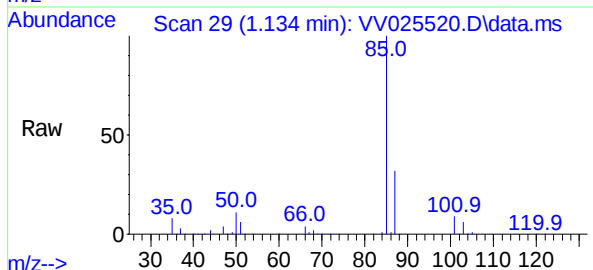




Scan 29 (1.134 min): VV025505.D\data.ms (-21) (-#2
 Dichlorodifluoromethane
 Concen: 17.281 ug/L
 RT: 1.134 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VV025520.D
 Acq: 14 Apr 2022 02:55

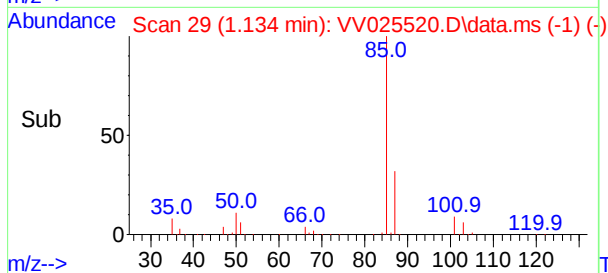
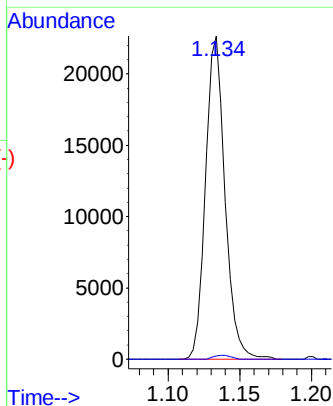
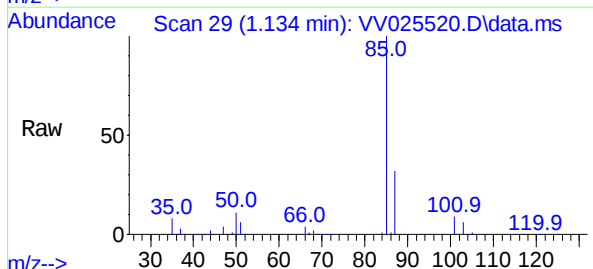
Instrument : MSVOA_V
 ClientSampleId :

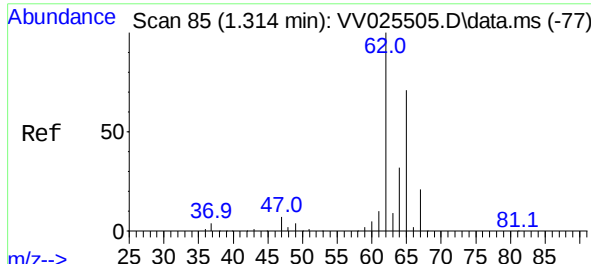
Tgt Ion: 85 Resp: 183588
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.6 38.4



Scan 63 (1.243 min): VV025505.D\data.ms (-55) (-#3
 Chloromethane
 Concen: 1.836 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.109 min
 Lab File: VV025520.D
 Acq: 14 Apr 2022 02:55

Tgt Ion: 50 Resp: 21192
 Ion Ratio Lower Upper
 50 100
 52 0.9 23.7 43.9#





Vinyl chloride

Concen: 0.102 ug/L

RT: 1.314 min Scan# 85

Delta R.T. -0.000 min

Lab File: VV025520.D

Acq: 14 Apr 2022 02:55

Instrument :

MSVOA_V

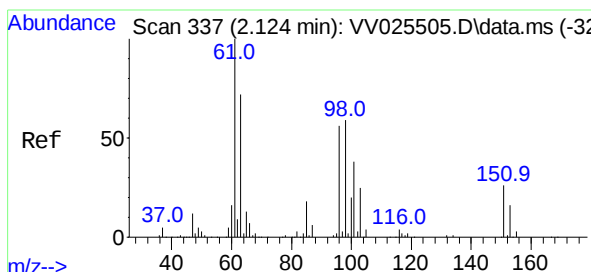
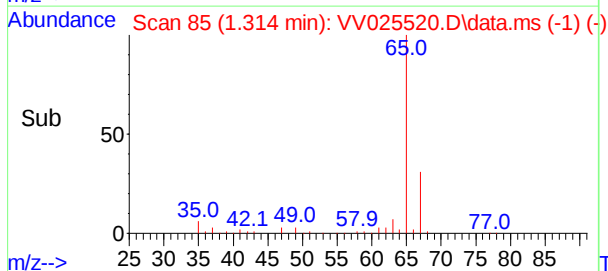
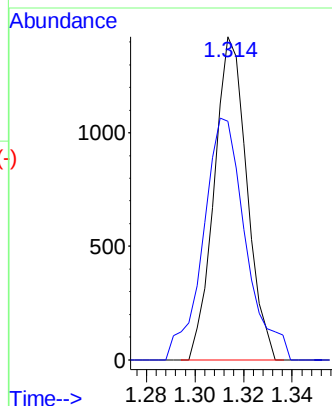
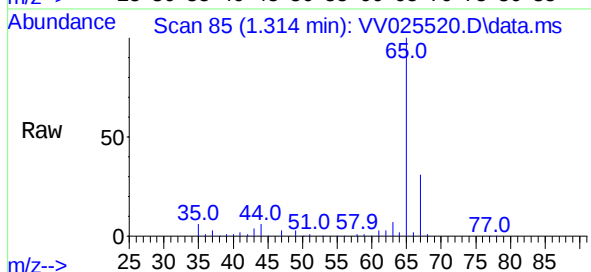
ClientSampleId :

Tgt Ion: 62 Resp: 1325

Ion Ratio Lower Upper

62 100

64 73.9 23.2 43.2#



1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.010 min

Lab File: VV025520.D

Acq: 14 Apr 2022 02:55

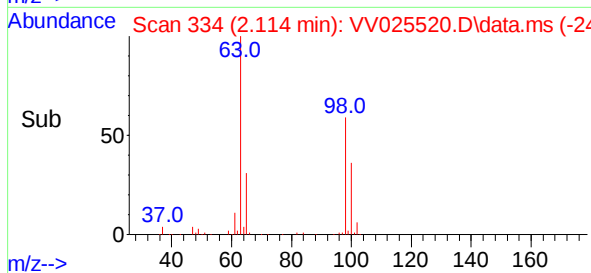
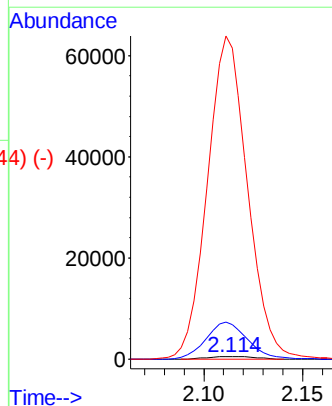
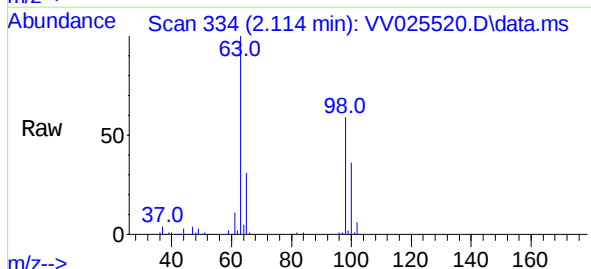
Tgt Ion: 96 Resp: 884

Ion Ratio Lower Upper

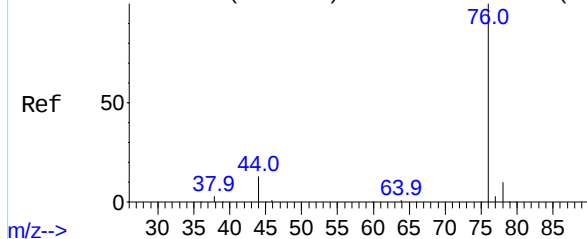
96 100

61 1252.6 125.2 232.4#

63 11260.1 114.4 212.4#

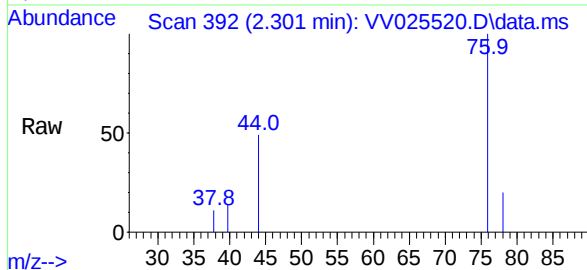


Abundance Scan 391 (2.298 min): VV025505.D\data.ms (-379) #14

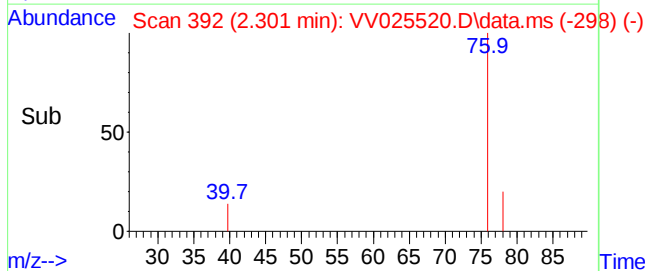
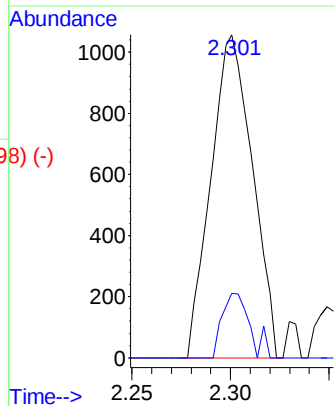


Carbon disulfide
Concen: 0.064 ug/L
RT: 2.301 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

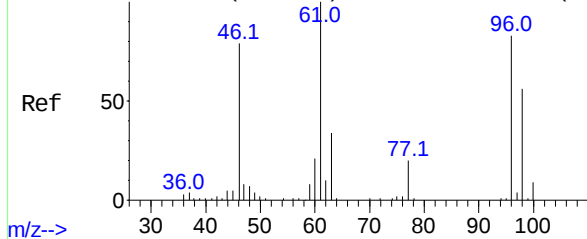
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 76 Resp: 1551
Ion Ratio Lower Upper
76 100
78 19.9 7.3 10.9#

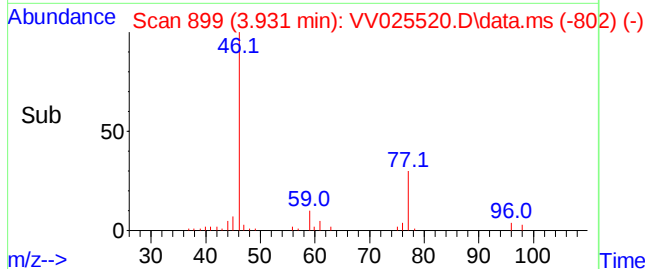
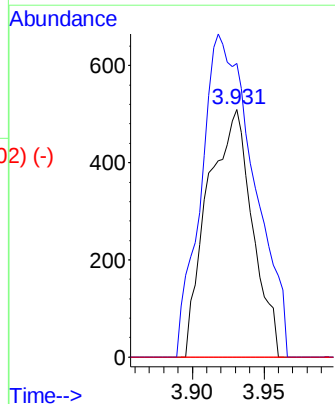
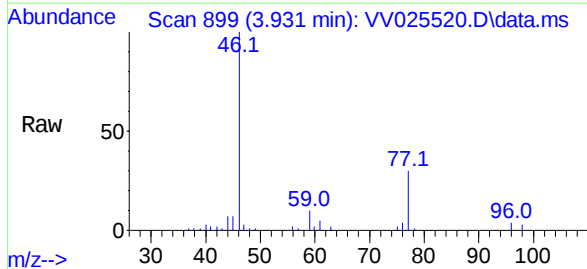


Abundance Scan 895 (3.918 min): VV025505.D\data.ms (-880) #22

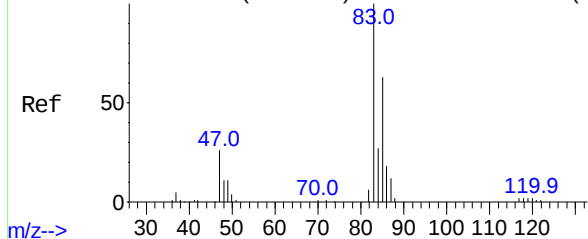


cis-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.013 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

Tgt Ion: 96 Resp: 1100
Ion Ratio Lower Upper
96 100
61 118.6 80.0 148.6
68 0.0 0.0 0.0



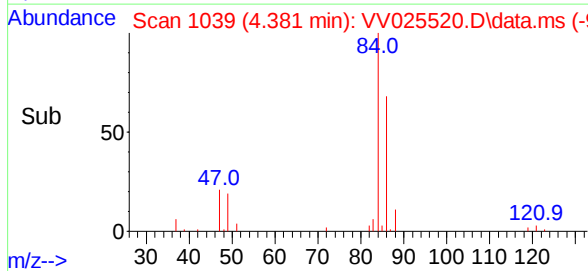
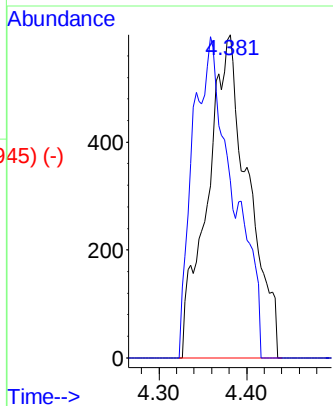
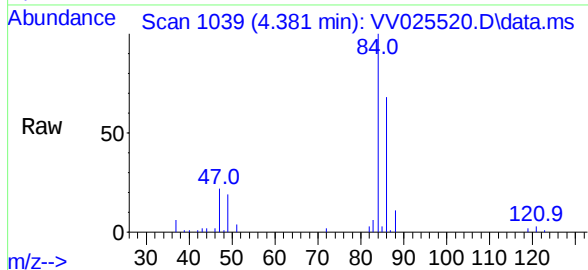
Abundance Scan 1038 (4.378 min): VV025505.D\data.ms (-1025)



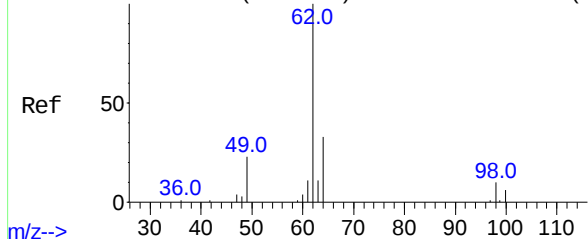
Chloroform
Concen: 0.127 ug/L
RT: 4.381 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1943
Ion Ratio Lower Upper
83 100
85 54.8 43.5 80.7

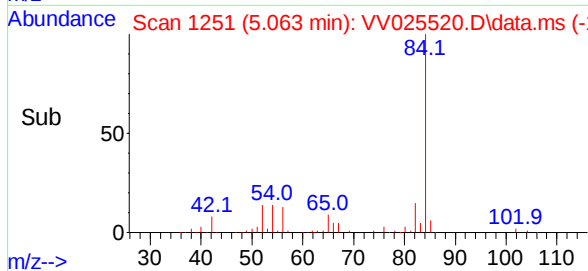
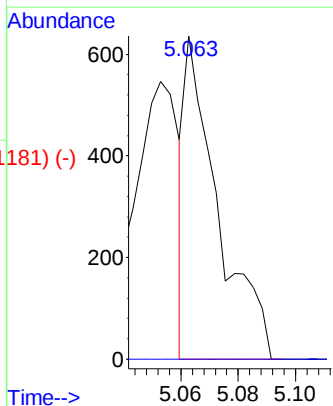
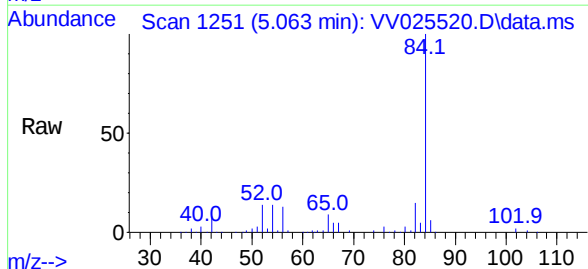


Abundance Scan 1274 (5.137 min): VV025505.D\data.ms (-12527)

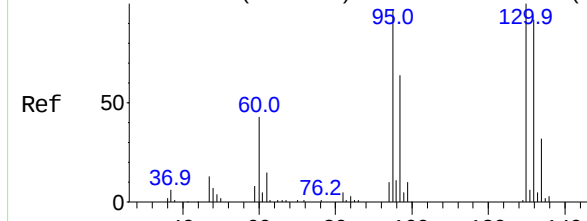


1,2-Dichloroethane
Concen: 0.063 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. -0.074 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

Tgt Ion: 62 Resp: 506
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#



Abundance Scan 1517 (5.918 min): VV025505.D\data.ms (-1504)



Trichloroethene

Concen: 0.225 ug/L

RT: 5.928 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV025520.D

Acq: 14 Apr 2022 02:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2103

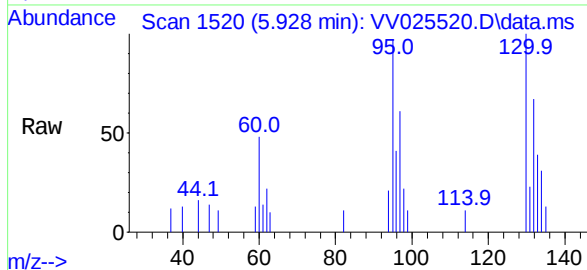
Ion Ratio Lower Upper

95 100

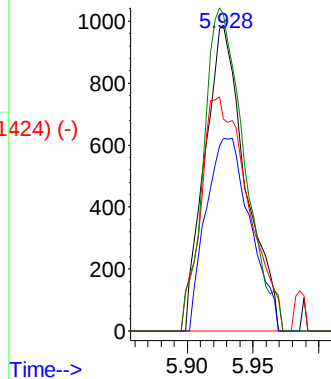
97 62.9 45.8 85.2

132 69.2 68.0 126.4

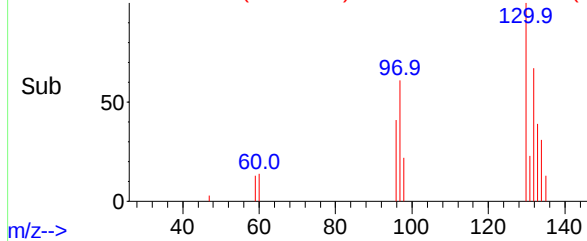
130 103.5 71.9 133.5



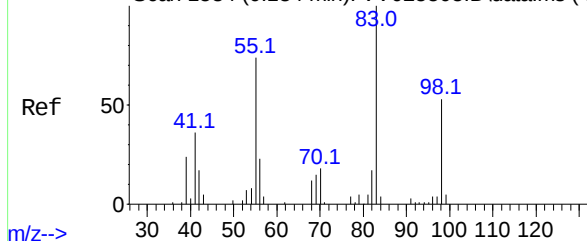
Abundance



Abundance Scan 1520 (5.928 min): VV025520.D\data.ms (-1424) (-)



Abundance Scan 1584 (6.134 min): VV025505.D\data.ms (-1573)



Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV025520.D

Acq: 14 Apr 2022 02:55

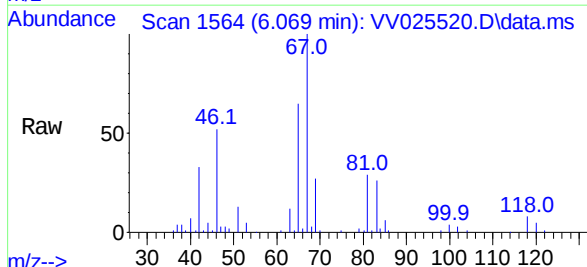
Tgt Ion: 83 Resp: 12559

Ion Ratio Lower Upper

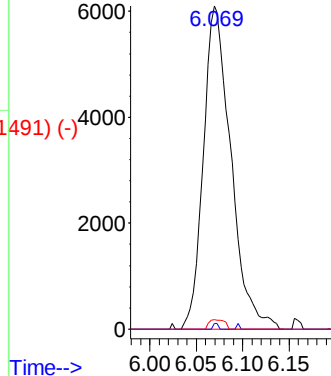
83 100

55 0.3 53.7 80.5#

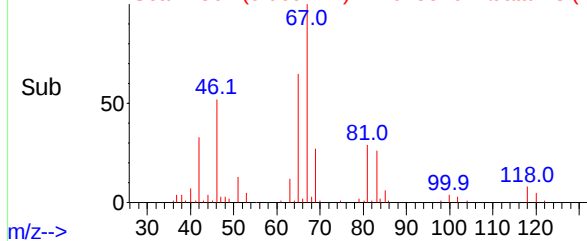
98 1.7 39.6 59.4#



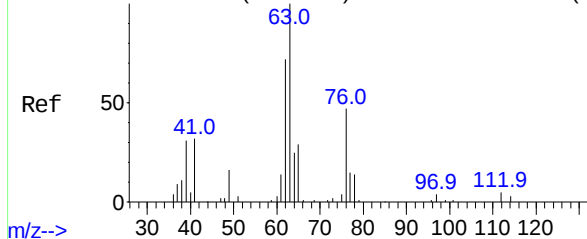
Abundance



Abundance Scan 1564 (6.069 min): VV025520.D\data.ms (-1491) (-)



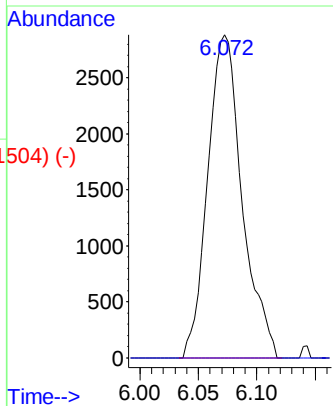
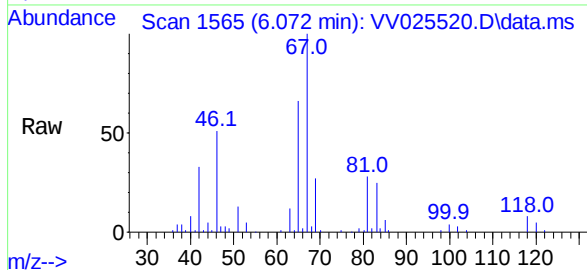
Abundance Scan 1597 (6.175 min): VV025505.D\data.ms (-1576)



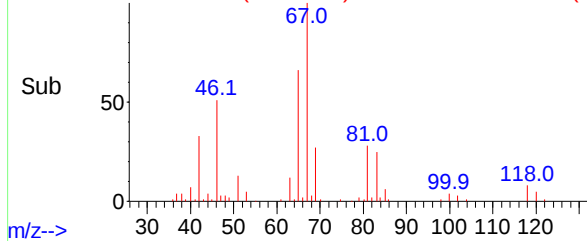
1,2-Dichloropropane
Concen: 0.724 ug/L
RT: 6.072 min Scan# 1597
Delta R.T. -0.103 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

Instrument :
MSVOA_V
ClientSampleId :

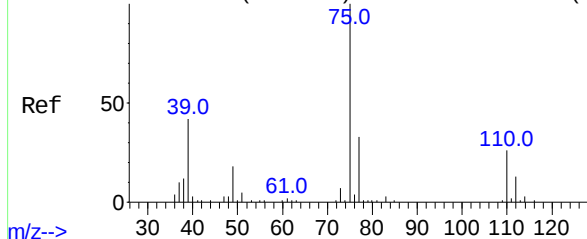
Tgt Ion: 63 Resp: 5907
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Scan 1565 (6.072 min): VV025520.D\data.ms (-1504) (-)

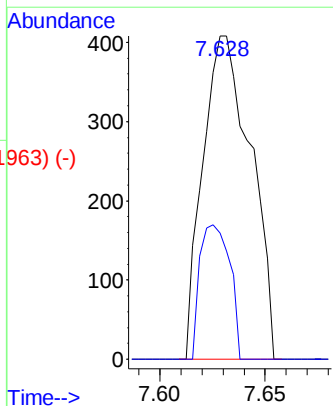
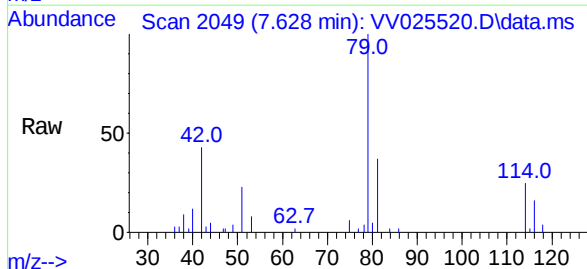


Abundance Scan 2056 (7.651 min): VV025505.D\data.ms (-2044)

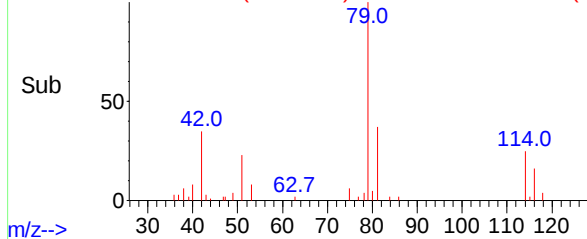


trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

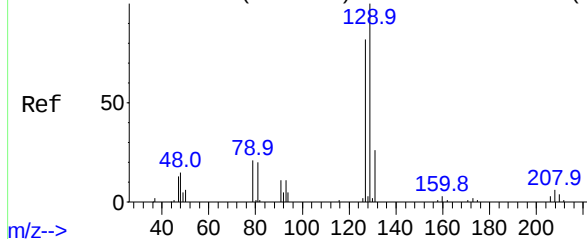
Tgt Ion: 75 Resp: 645
Ion Ratio Lower Upper
75 100
77 39.0 21.7 40.3



Abundance Scan 2049 (7.628 min): VV025520.D\data.ms (-1963) (-)



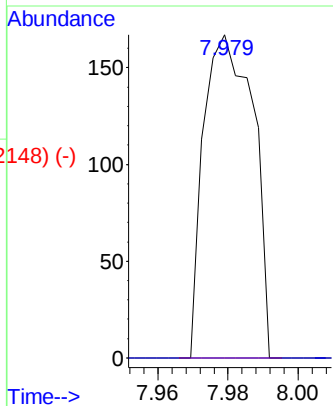
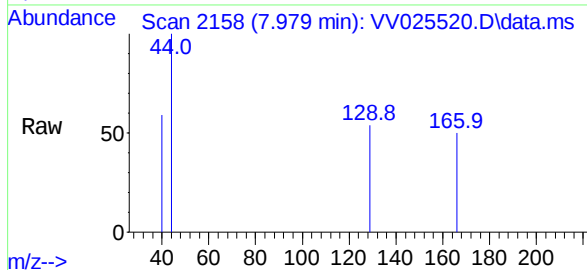
Abundance Scan 2241 (8.246 min): VV025505.D\data.ms (-2241-)



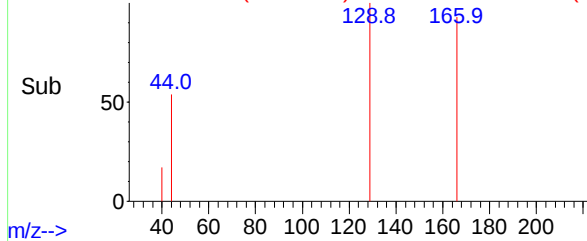
Dibromochloromethane
Concen: 0.027 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

Instrument :
MSVOA_V
ClientSampleId :

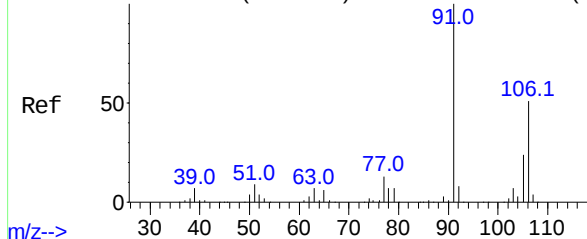
Tgt Ion:129 Resp: 163
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



Abundance Scan 2158 (7.979 min): VV025520.D\data.ms (-2148-)

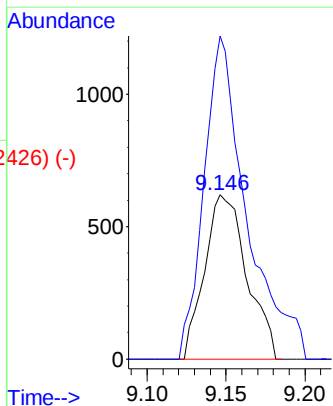
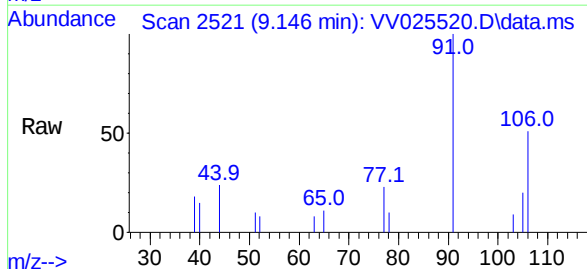


Abundance Scan 2519 (9.140 min): VV025505.D\data.ms (-25053-)

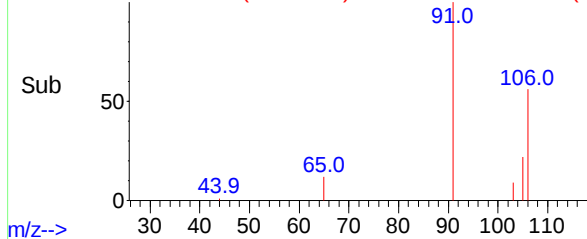


m,p-Xylene
Concen: 0.074 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV025520.D
Acq: 14 Apr 2022 02:55

Tgt Ion:106 Resp: 1156
Ion Ratio Lower Upper
106 100
91 196.8 136.4 253.4



Abundance Scan 2521 (9.146 min): VV025520.D\data.ms (-2426-)



Abundance Scan 2872 (10.275 min): VV025505.D\data.ms (-2861) (-)

1,2,3-Trichloropropane

Concen: 1.852 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

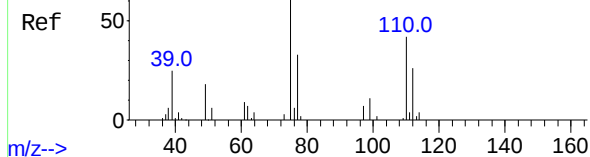
Lab File: VV025520.D

Acq: 14 Apr 2022 02:55

Instrument :

MSVOA_V

ClientSampleId :



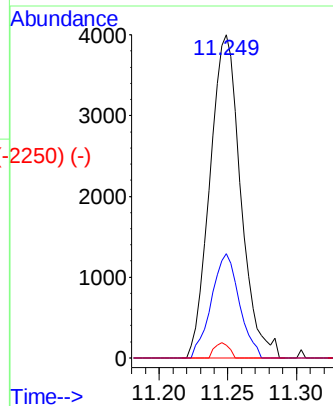
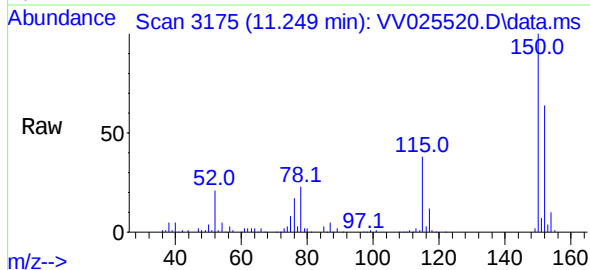
Tgt Ion: 75 Resp: 6204

Ion Ratio Lower Upper

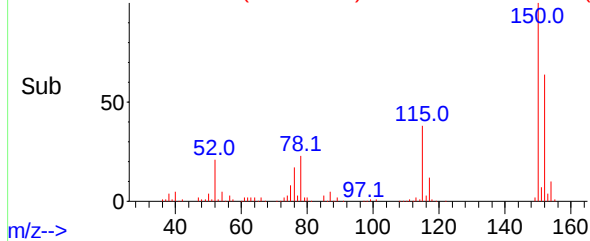
75 100

77 29.4 25.6 38.4

110 2.2 34.7 52.1#



Abundance Scan 3175 (11.249 min): VV025520.D\data.ms (-2250) (-)



Abundance Scan 2954 (10.538 min): VV025505.D\data.ms (-2942) (-)

1,3,5-Trimethylbenzene

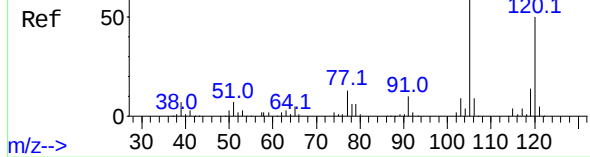
Concen: 0.093 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.382 min

Lab File: VV025520.D

Acq: 14 Apr 2022 02:55

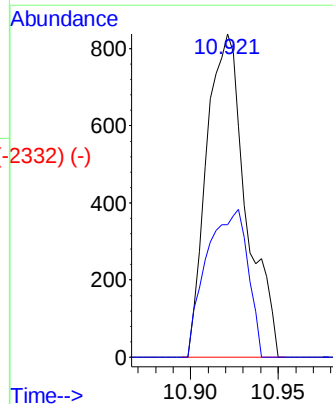
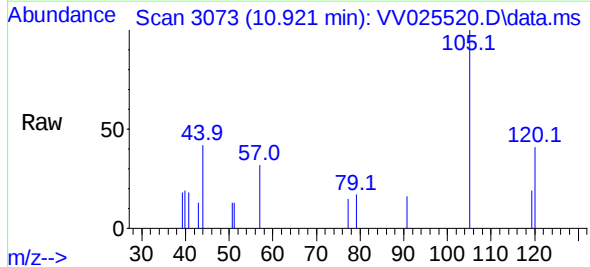


Tgt Ion: 105 Resp: 1309

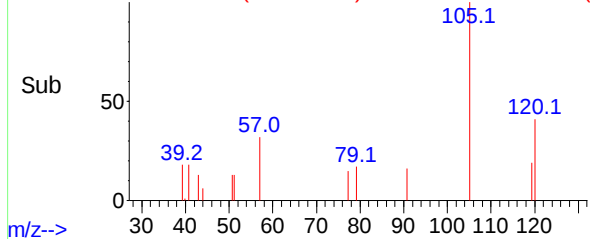
Ion Ratio Lower Upper

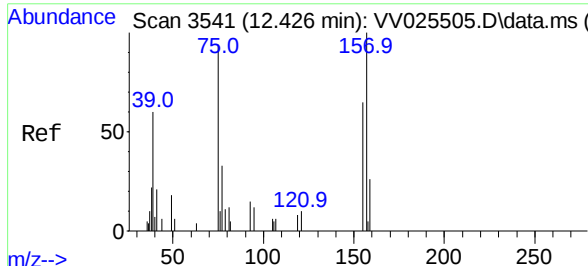
105 100

120 47.7 39.6 59.4



Abundance Scan 3073 (10.921 min): VV025520.D\data.ms (-2332) (-)





1,2-Dibromo-3-chloropropane
 Concen: 0.285 ug/L
 RT: 12.242 min Scan# 3484
 Delta R.T. -0.183 min
 Lab File: VV025520.D
 Acq: 14 Apr 2022 02:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:	75	Resp:	165
Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.8	98.8#
157	0.0	86.6	130.0#

