

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025541.D
 Acq On : 14 Apr 2022 13:19
 Operator : SY/MD
 Sample : N2356-09DL 50X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS7DL

Quant Time: Apr 15 07:22:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	124128	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	57138	4.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.571	69	54547	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.111	63	85169	3.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.899	46	76009	54.147	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	4.355	84	86624	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.037	65	40888	5.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.053	84	175669	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.072	67	52338	5.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.317	98	146072	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.629	79	13837	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.092	63	53894	49.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30533	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	46261	5.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	810	0.059	ug/L #	1
15) Methyl Acetate	2.503	43	21620	10.210	ug/L #	43
22) cis-1,2-Dichloroethene	3.921	96	6643	0.699	ug/L	91
25) Chloroform	4.381	83	2481	0.154	ug/L	97
27) 1,2-Dichloroethane	5.101	62	4913	0.577	ug/L #	71
30) Cyclohexane	4.680	56	15094	1.224	ug/L	97
33) Benzene	5.101	78	761518	22.424	ug/L	100
35) Methylcyclohexane	6.127	83	2752	0.191	ug/L #	61
37) 1,2-Dichloropropane	6.076	63	6135	0.781	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1310	0.127	ug/L #	53
45) 1,1,2-Trichloroethane	7.786	97	767	0.146	ug/L #	15
52) Ethylbenzene	9.021	91	3915	0.099	ug/L	88
53) m,p-Xylene	9.146	106	3830	0.256	ug/L	98
60) Isopropylbenzene	9.934	105	4728	0.150	ug/L #	95
61) 1,2,3-Trichloropropane	11.246	75	6633	1.975	ug/L #	59
68) 1,2-Dibromo-3-chloropr...	12.252	75	173	0.298	ug/L #	2

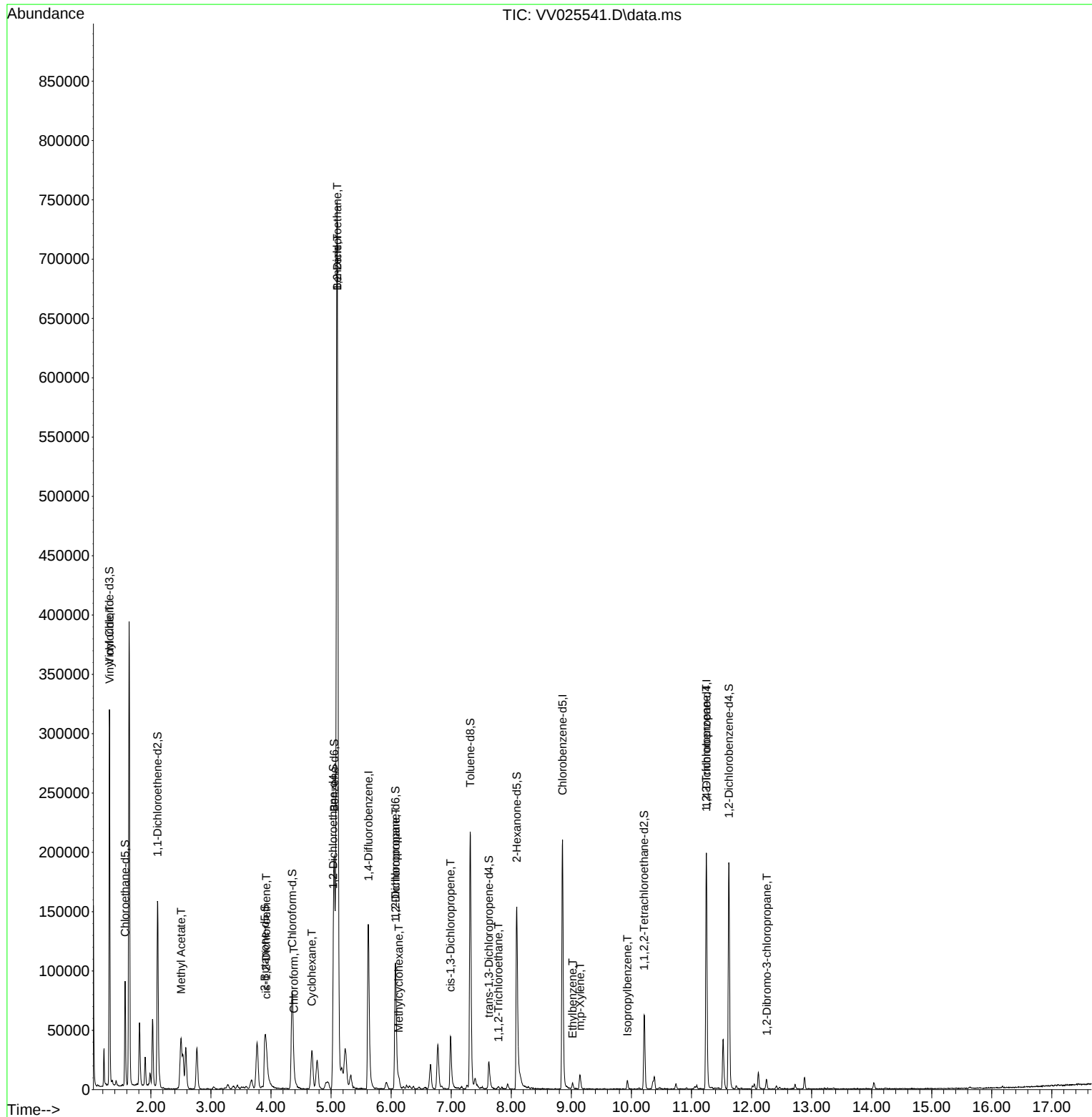
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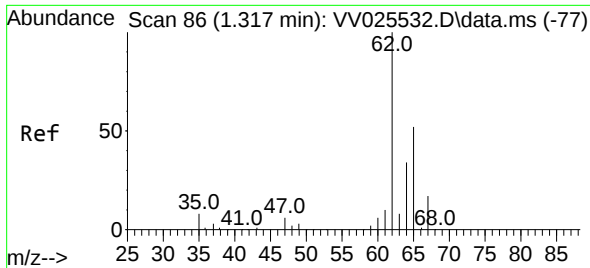
Instrument :
MSVOA_V
ClientSampleId :
GBDS7DL

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041422\
Data File : VV025541.D
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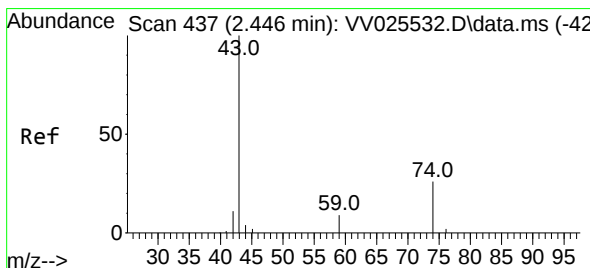
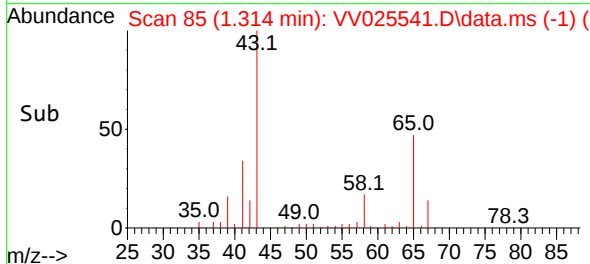
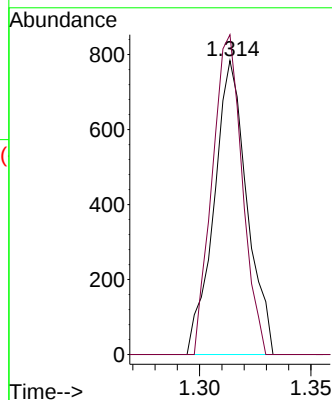
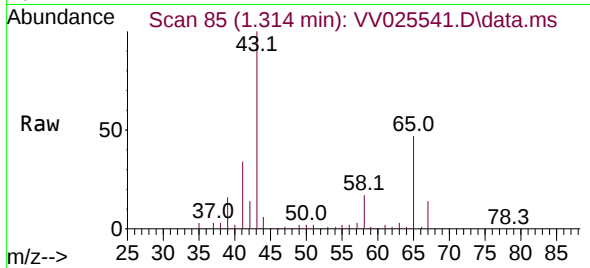




#5
 Vinyl chloride
 Concen: 0.059 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV025541.D
 Acq: 14 Apr 2022 13:19

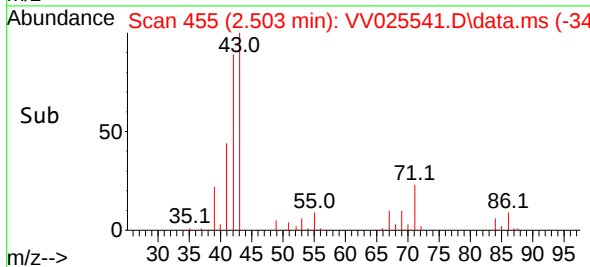
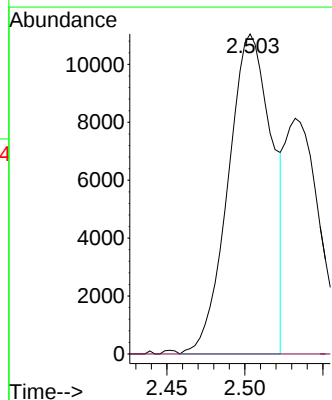
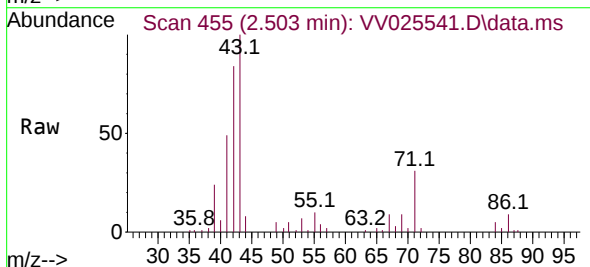
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS7DL

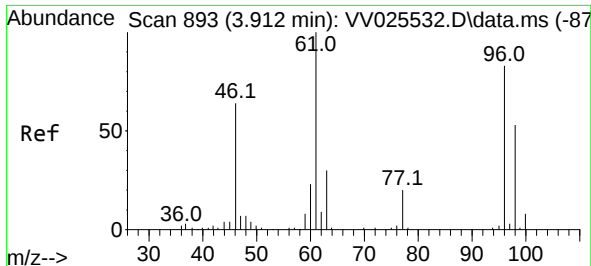
Tgt Ion: 62 Resp: 810
 Ion Ratio Lower Upper
 62 100
 64 108.8 23.2 43.2#



#15
 Methyl Acetate
 Concen: 10.210 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. 0.058 min
 Lab File: VV025541.D
 Acq: 14 Apr 2022 13:19

Tgt Ion: 43 Resp: 21620
 Ion Ratio Lower Upper
 43 100
 74 0.0 25.2 37.8#





#22

cis-1,2-Dichloroethene

Concen: 0.699 ug/L

RT: 3.921 min Scan# 893

Delta R.T. 0.010 min

Lab File: VV025541.D

Acq: 14 Apr 2022 13:19

Instrument :

MSVOA_V

ClientSampleId :

GBDS7DL

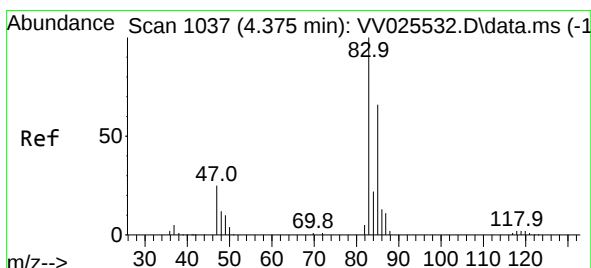
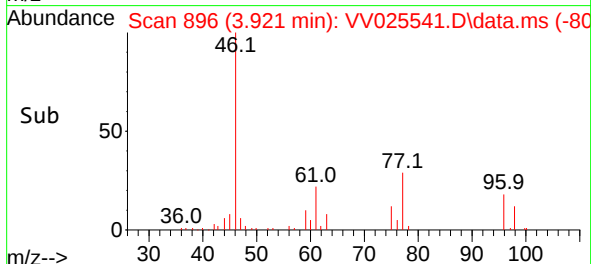
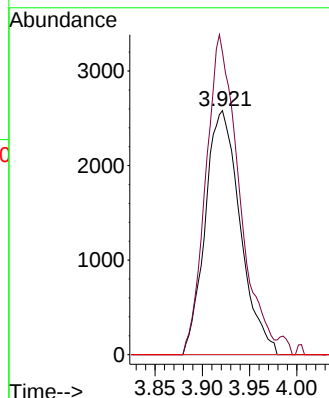
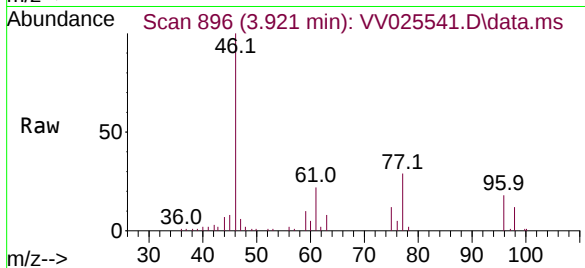
Tgt Ion: 96 Resp: 6643

Ion Ratio Lower Upper

96 100

61 124.0 80.0 148.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.154 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV025541.D

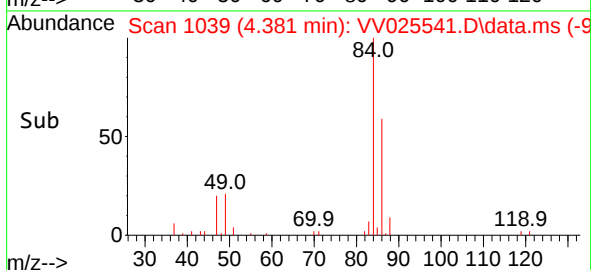
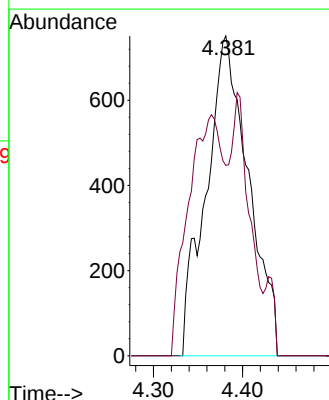
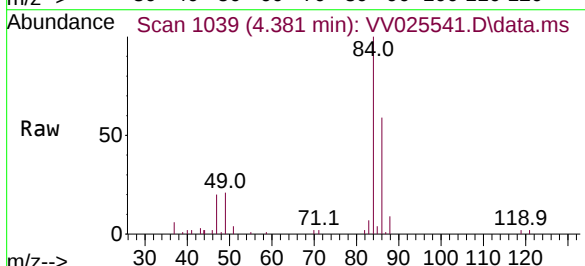
Acq: 14 Apr 2022 13:19

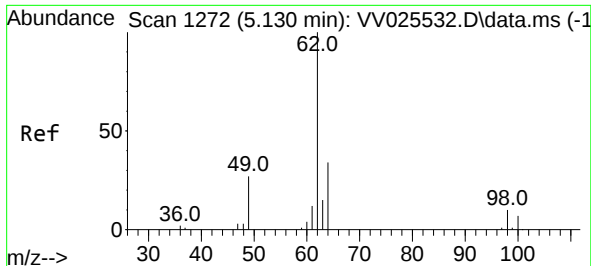
Tgt Ion: 83 Resp: 2481

Ion Ratio Lower Upper

83 100

85 59.5 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.577 ug/L

RT: 5.101 min Scan# 1132

Delta R.T. -0.029 min

Lab File: VV025541.D

Acq: 14 Apr 2022 13:19

Instrument :

MSVOA_V

ClientSampleId :

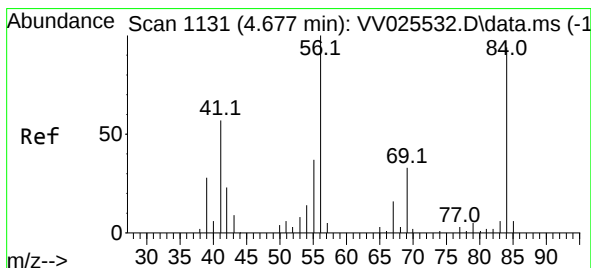
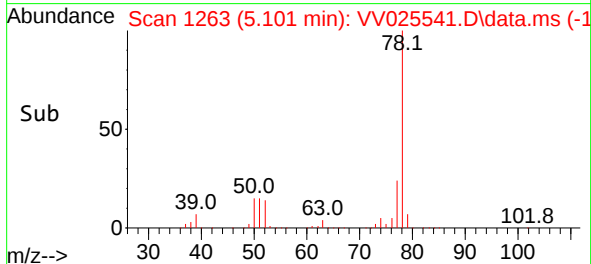
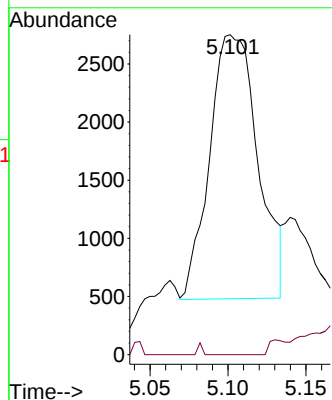
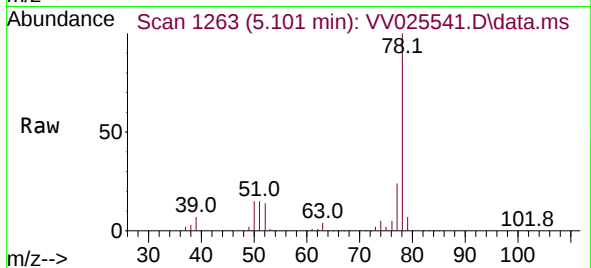
GBDS7DL

Tgt Ion: 62 Resp: 4913

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#30

Cyclohexane

Concen: 1.224 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025541.D

Acq: 14 Apr 2022 13:19

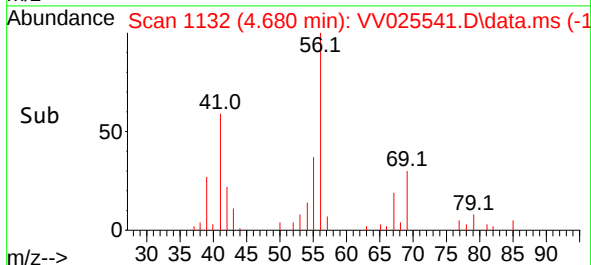
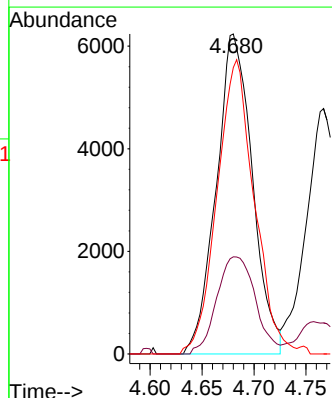
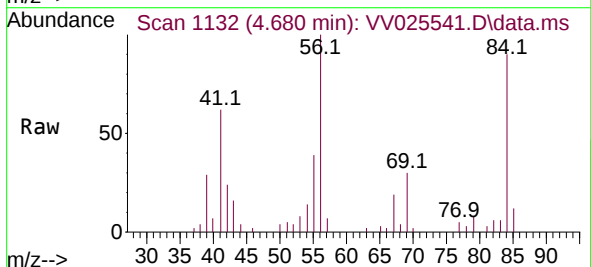
Tgt Ion: 56 Resp: 15094

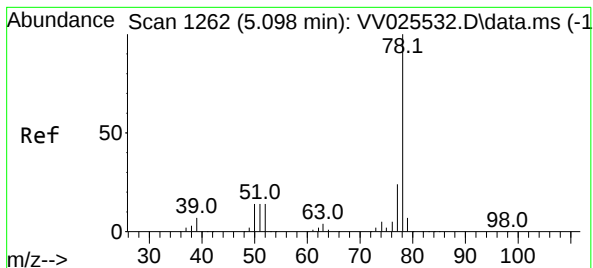
Ion Ratio Lower Upper

56 100

69 32.4 26.1 39.1

84 94.3 78.6 118.0





#33

Benzene

Concen: 22.424 ug/L

RT: 5.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025541.D

Acq: 14 Apr 2022 13:19

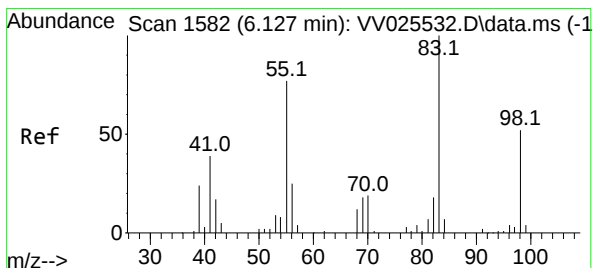
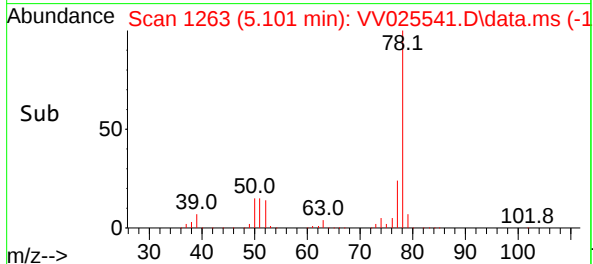
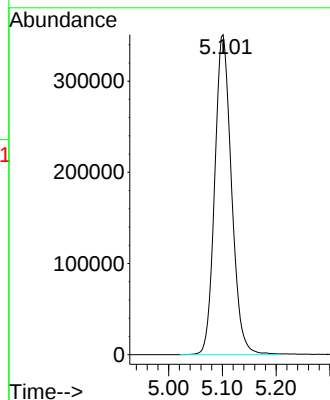
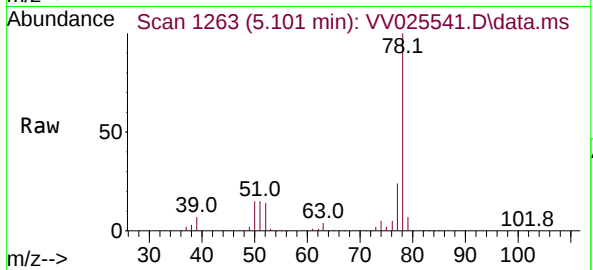
Instrument :

MSVOA_V

ClientSampleId :

GBDS7DL

Tgt Ion: 78 Resp: 761518



#35

Methylcyclohexane

Concen: 0.191 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV025541.D

Acq: 14 Apr 2022 13:19

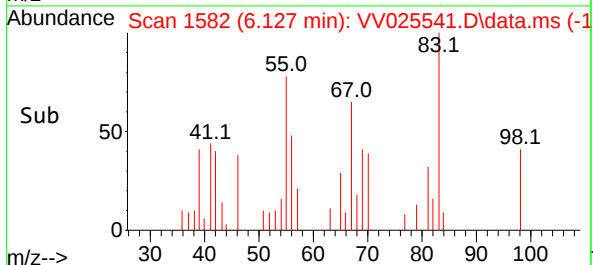
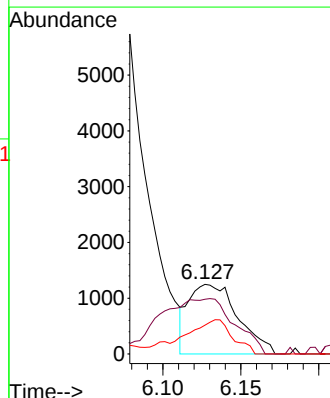
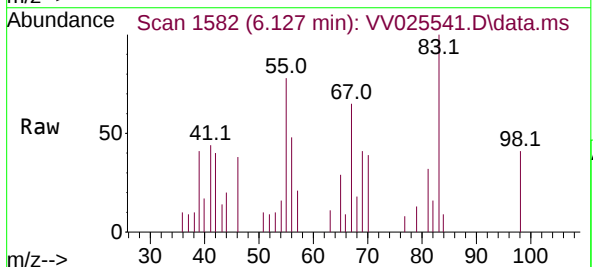
Tgt Ion: 83 Resp: 2752

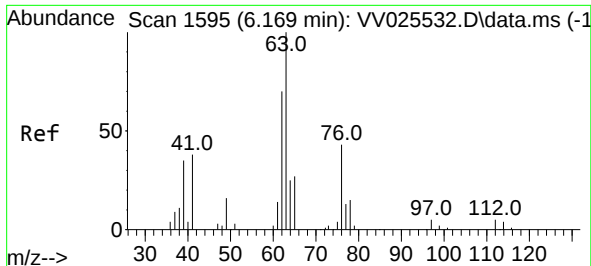
Ion Ratio Lower Upper

83 100

55 120.9 53.7 80.5#

98 48.8 39.6 59.4

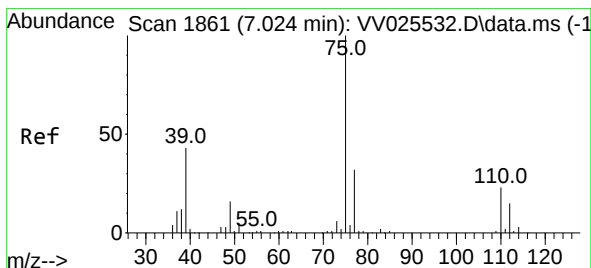
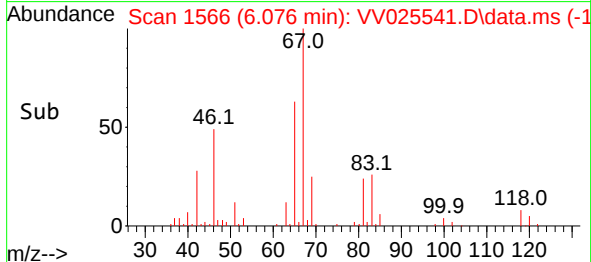
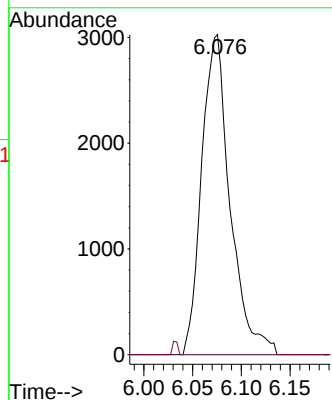
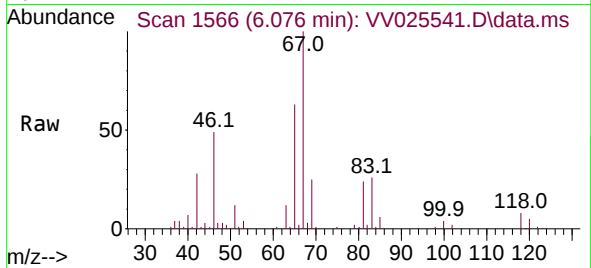




#37
1,2-Dichloropropane
Concen: 0.781 ug/L
RT: 6.076 min Scan# 11
Delta R.T. -0.093 min
Lab File: VV025541.D
Acq: 14 Apr 2022 13:19

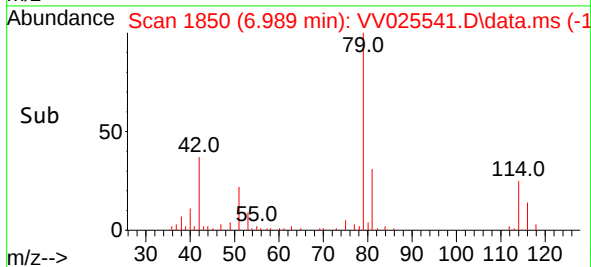
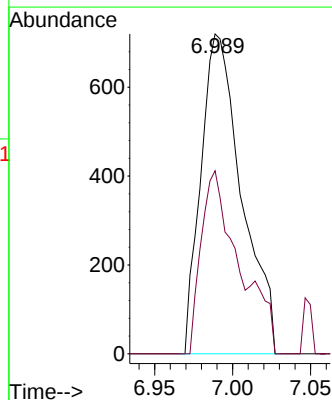
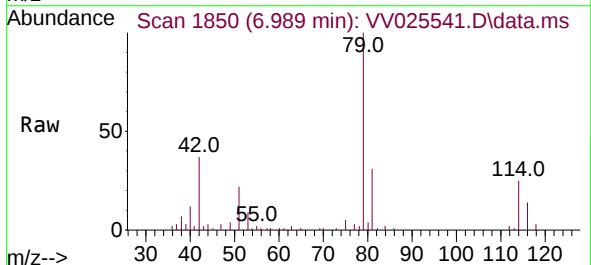
Instrument :
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ClientSampleId :
GBDS7DL

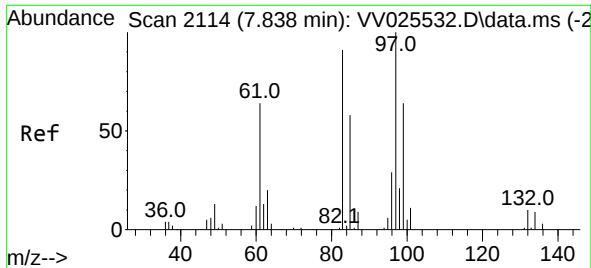
Tgt Ion: 63 Resp: 6135
Ion Ratio Lower Upper
63 100
112 0.8 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.127 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV025541.D
Acq: 14 Apr 2022 13:19

Tgt Ion: 75 Resp: 1310
Ion Ratio Lower Upper
75 100
77 57.2 21.8 40.6#

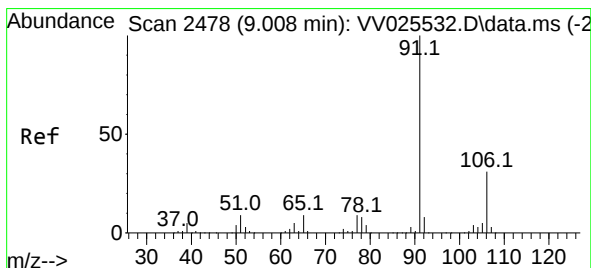
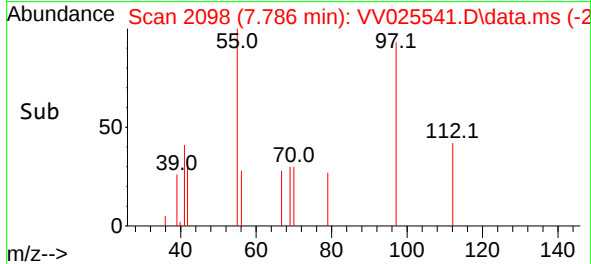
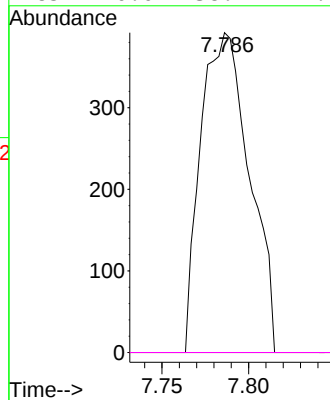
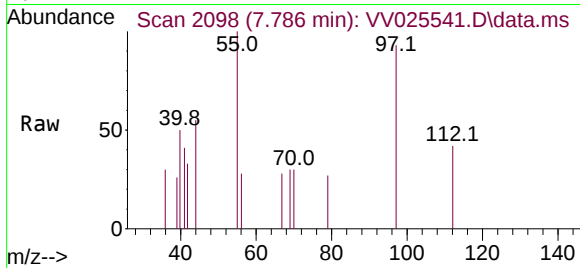




#45
1,1,2-Trichloroethane
Concen: 0.146 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. -0.052 min
Lab File: VV025541.D
Acq: 14 Apr 2022 13:19

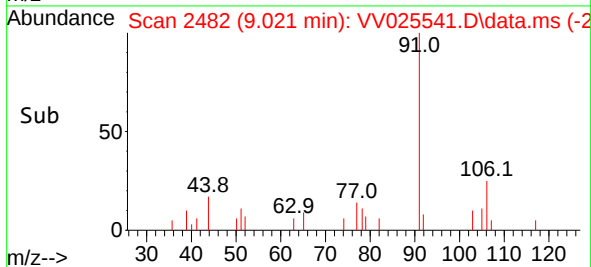
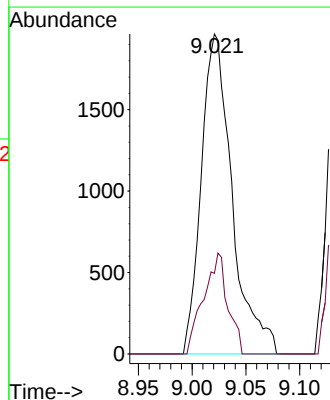
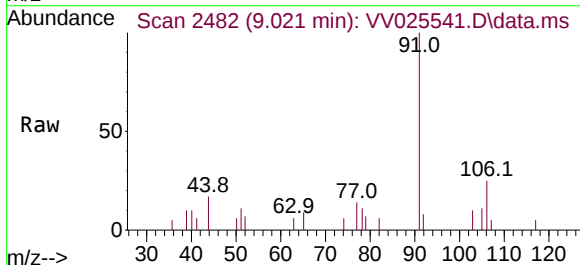
Instrument : MSVOA_V
ClientSampleId : GBDS7DL

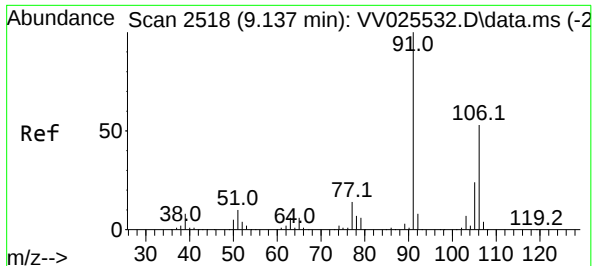
Tgt Ion: 97	Resp:	767
Ion	Ratio	Lower Upper
97	100	
99	0.0	43.8 81.4#
83	0.0	60.3 112.1#
85	0.0	38.7 71.9#



#52
Ethylbenzene
Concen: 0.099 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.013 min
Lab File: VV025541.D
Acq: 14 Apr 2022 13:19

Tgt Ion: 91	Resp:	3915
Ion	Ratio	Lower Upper
91	100	
106	25.2	22.3 41.3

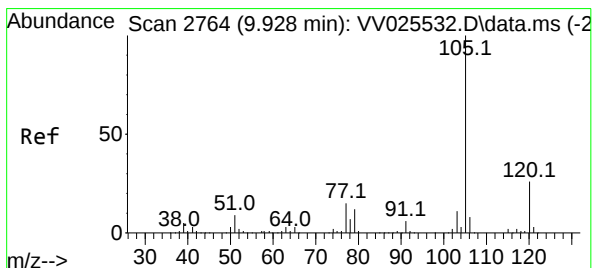
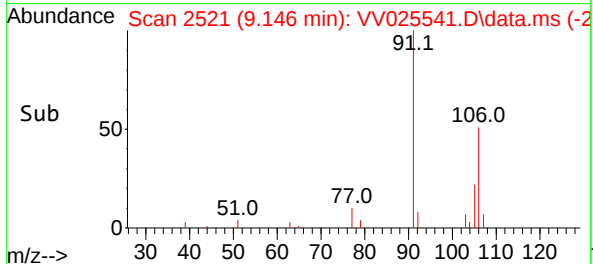
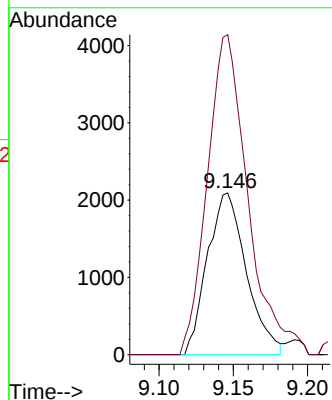
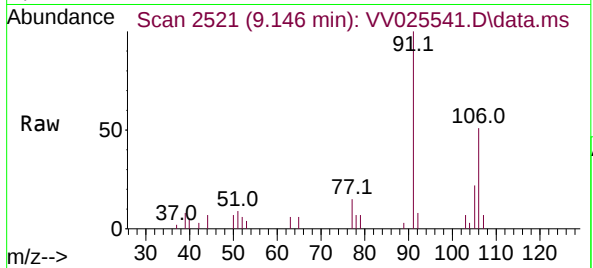




#53
m,p-Xylene
Concen: 0.256 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025541.D
Acq: 14 Apr 2022 13:19

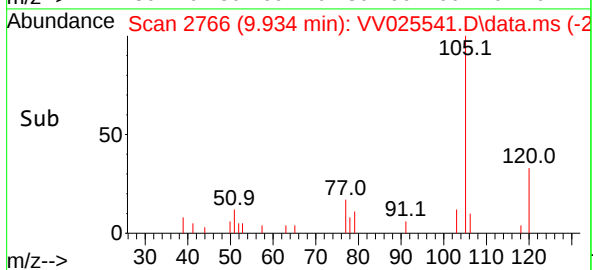
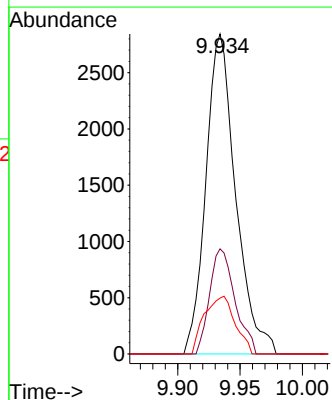
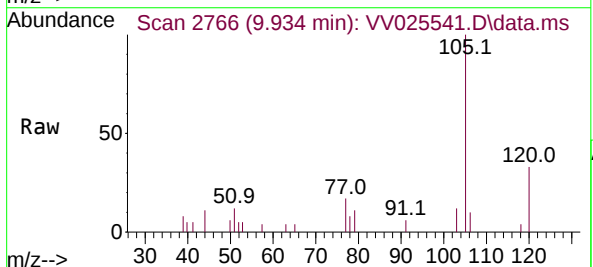
Instrument :
MSVOA_V
ClientSampleId :
GBDS7DL

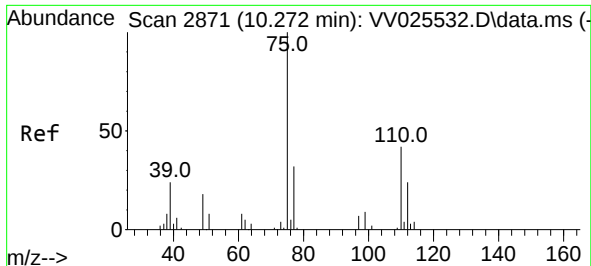
Tgt Ion:106 Resp: 3830
Ion Ratio Lower Upper
106 100
91 197.8 136.4 253.4



#60
Isopropylbenzene
Concen: 0.150 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV025541.D
Acq: 14 Apr 2022 13:19

Tgt Ion:105 Resp: 4728
Ion Ratio Lower Upper
105 100
120 28.0 21.2 31.8
77 18.6 12.2 18.2#

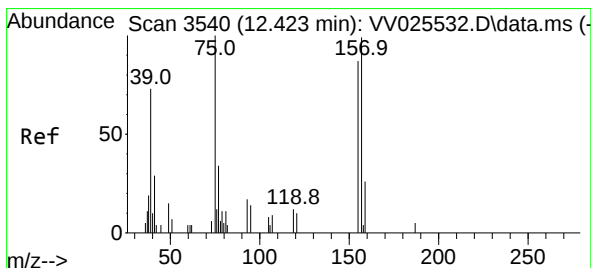
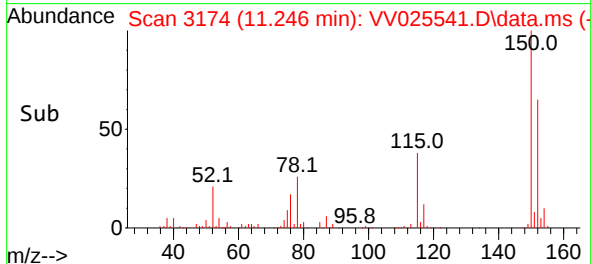
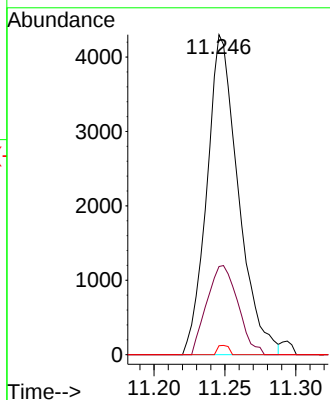
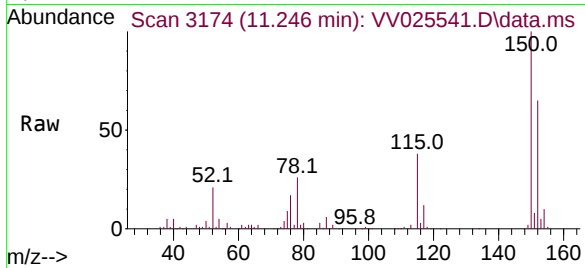




#61
 1,2,3-Trichloropropane
 Concen: 1.975 ug/L
 RT: 11.246 min Scan# 311
 Delta R.T. 0.974 min
 Lab File: VV025541.D
 Acq: 14 Apr 2022 13:19

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS7DL

Tgt Ion: 75 Resp: 6633
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.6 38.4
 110 1.0 34.7 52.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.298 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.171 min
 Lab File: VV025541.D
 Acq: 14 Apr 2022 13:19

Tgt Ion: 75 Resp: 173
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

