

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025542.D
 Acq On : 14 Apr 2022 13:43
 Operator : SY/MD
 Sample : N2356-10DL 50X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS8DL

Quant Time: Apr 15 07:22:43 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	5.619	114	130630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126640	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55490	4.569	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.571	69	51874	4.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.111	63	86309	3.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.899	46	66746	45.181	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.360%
24) Chloroform-d	4.352	84	82234	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.034	65	39387	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.053	84	173634	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.072	67	49157	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.317	98	145684	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.625	79	13084	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.088	63	50158	41.608	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28059	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	48207	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	533	0.042	ug/L #	70
5) Vinyl chloride	1.314	62	865	0.060	ug/L #	14
15) Methyl Acetate	2.500	43	24386	10.943	ug/L #	43
22) cis-1,2-Dichloroethene	3.921	96	7477	0.748	ug/L	91
25) Chloroform	4.375	83	2539	0.150	ug/L	84
27) 1,2-Dichloroethane	5.101	62	9398	1.049	ug/L #	71
30) Cyclohexane	4.683	56	14880	1.096	ug/L	98
33) Benzene	5.098	78	722665	19.318	ug/L	100
35) Methylcyclohexane	6.124	83	3061	0.193	ug/L	93
37) 1,2-Dichloropropane	6.072	63	5665	0.655	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	964	0.085	ug/L #	46
45) 1,1,2-Trichloroethane	7.786	97	738	0.127	ug/L #	15
52) Ethylbenzene	9.024	91	3960	0.091	ug/L	95
53) m,p-Xylene	9.146	106	4005	0.243	ug/L	89
60) Isopropylbenzene	9.934	105	4944	0.142	ug/L #	95
61) 1,2,3-Trichloropropane	11.246	75	7170	1.938	ug/L #	64
62) 1,3,5-Trimethylbenzene	11.342	105	791	0.051	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.246	75	252	0.394	ug/L #	2

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Quant Time: Apr 15 07:22:43 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

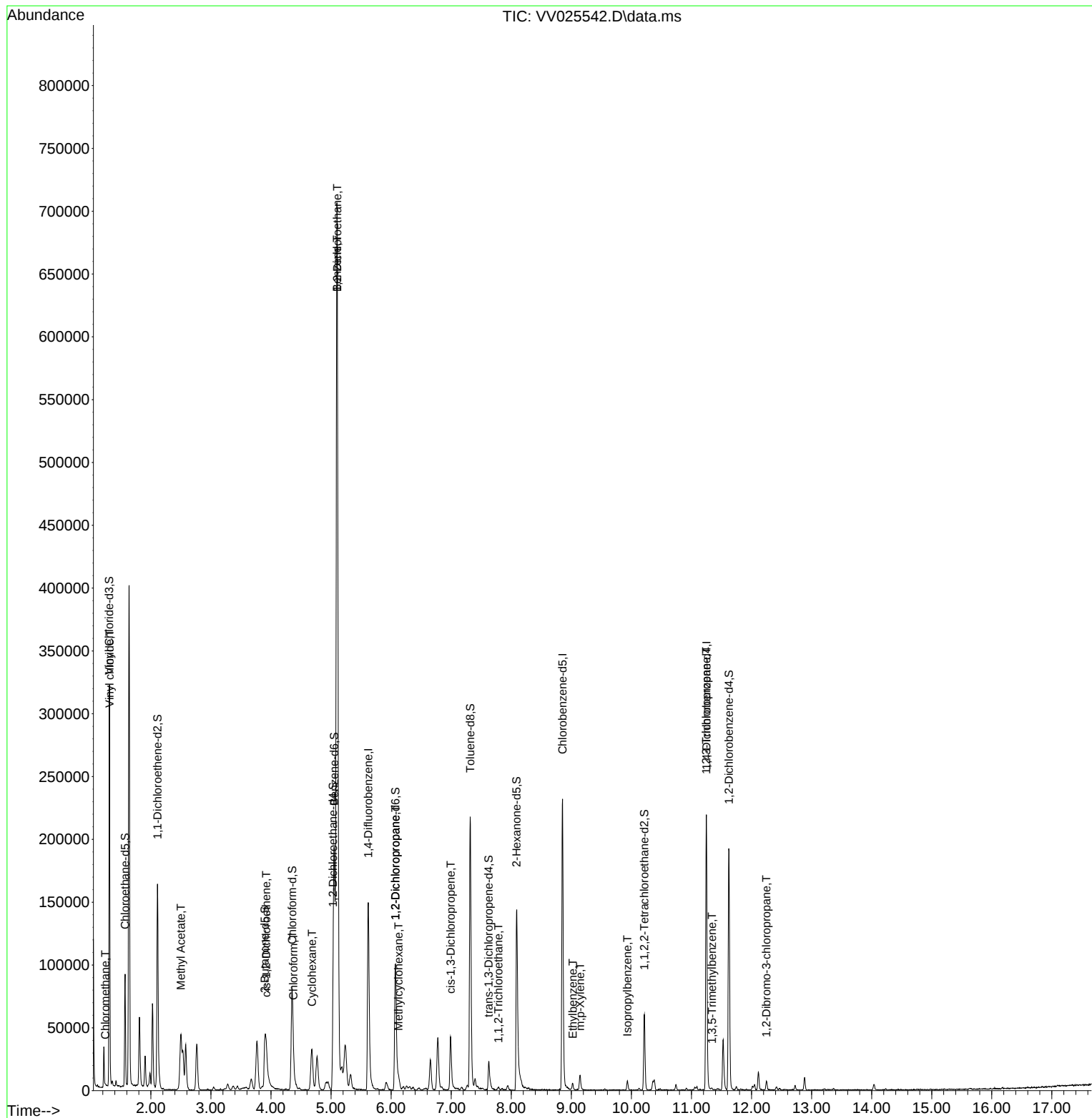
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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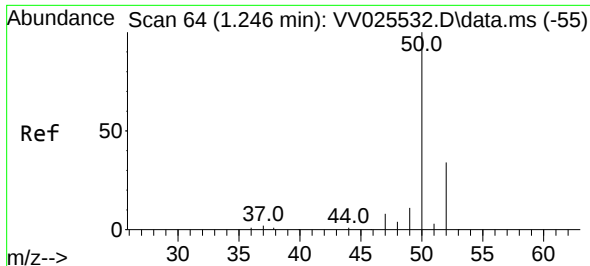
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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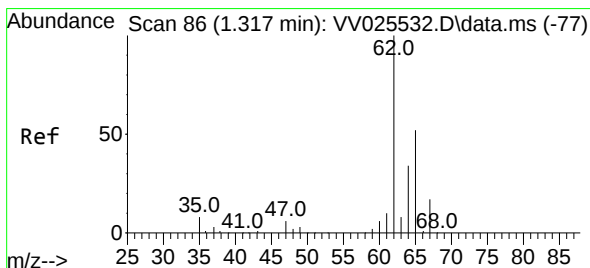
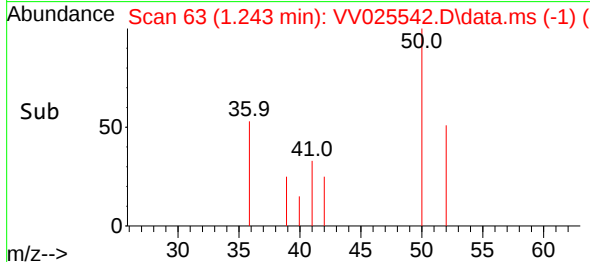
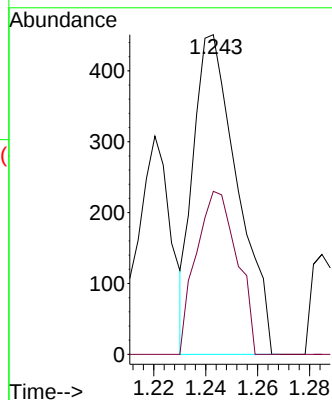
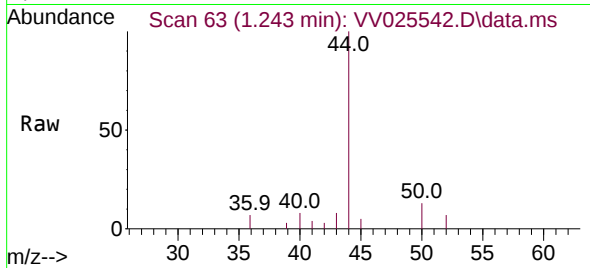




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

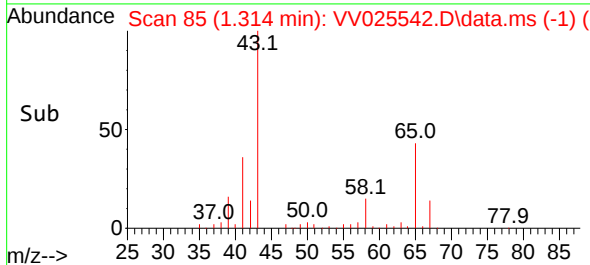
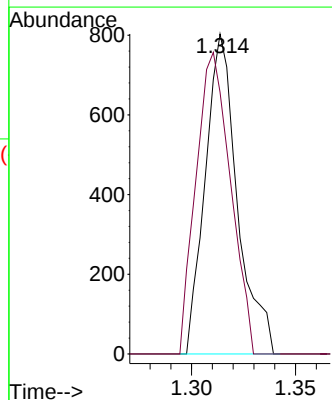
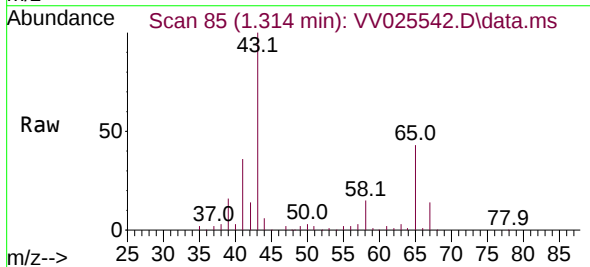
Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

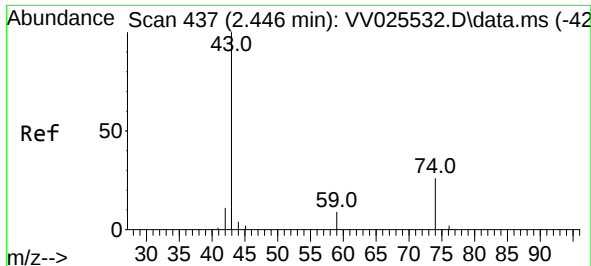
Tgt Ion: 50 Resp: 533
Ion Ratio Lower Upper
50 100
52 51.0 23.7 43.9#



#5
Vinyl chloride
Concen: 0.060 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.003 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

Tgt Ion: 62 Resp: 865
Ion Ratio Lower Upper
62 100
64 81.8 23.2 43.2#

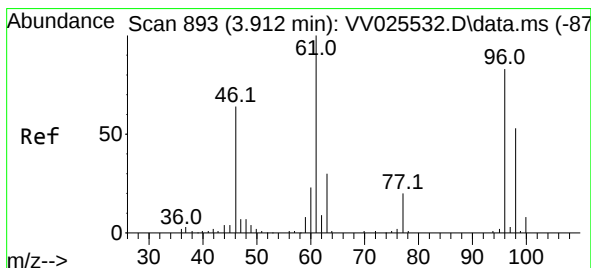
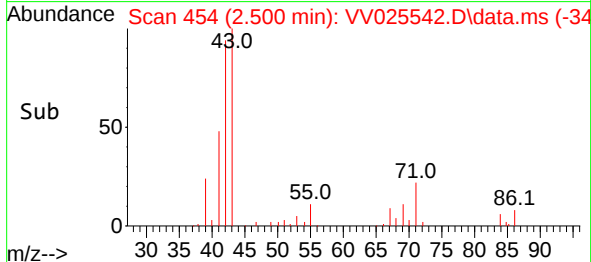
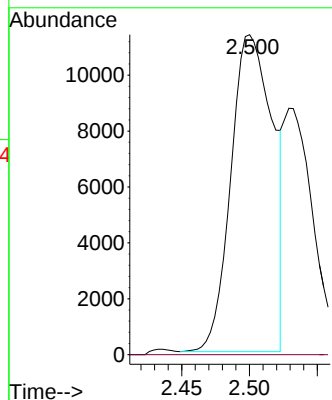
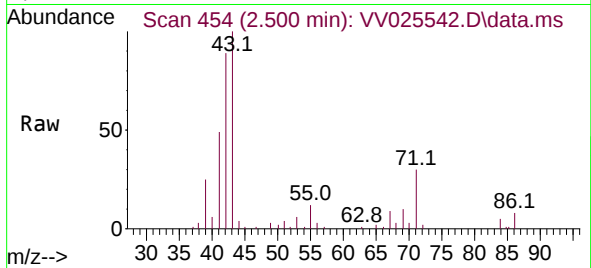




#15
Methyl Acetate
Concen: 10.943 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.055 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

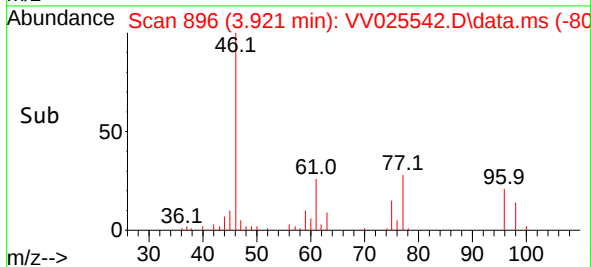
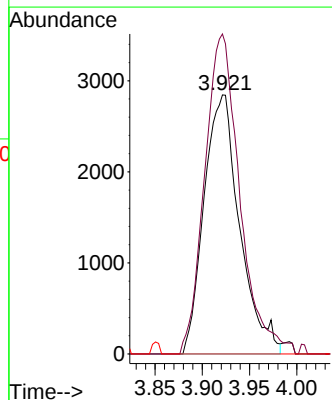
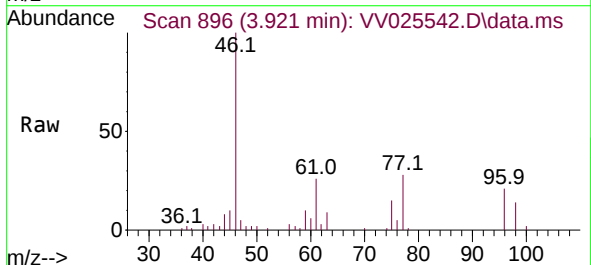
Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

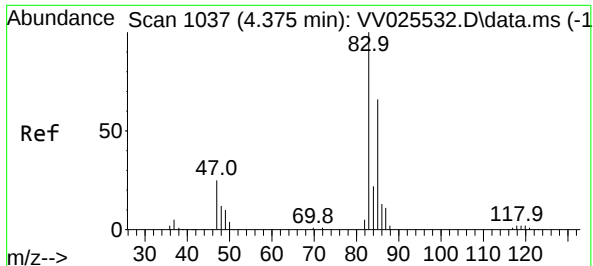
Tgt Ion: 43 Resp: 24386
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#22
cis-1,2-Dichloroethene
Concen: 0.748 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

Tgt Ion: 96 Resp: 7477
Ion Ratio Lower Upper
96 100
61 123.5 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.150 ug/L

RT: 4.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025542.D

Acq: 14 Apr 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

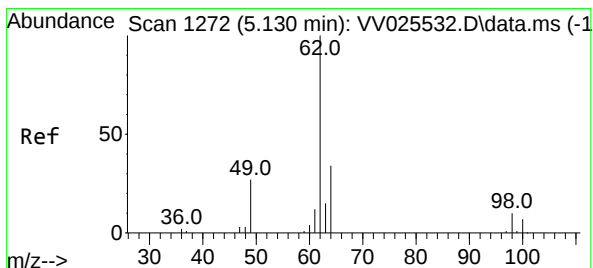
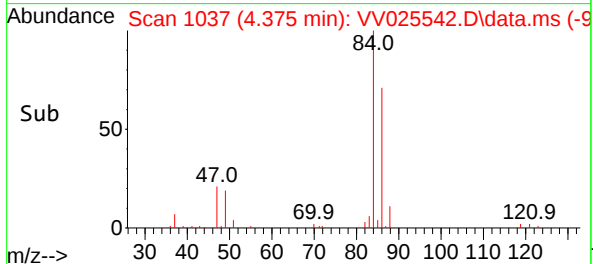
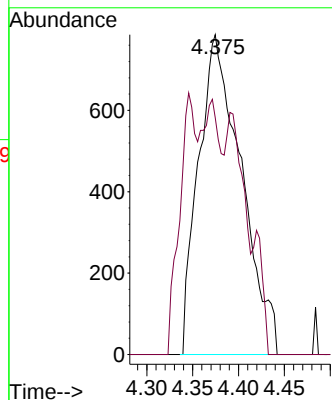
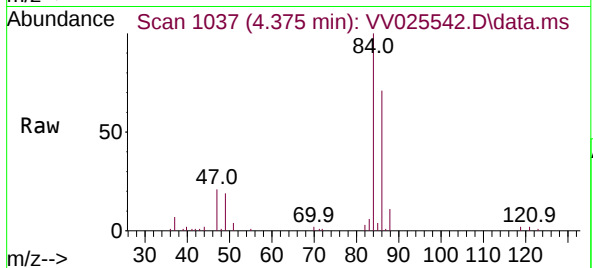
GBDS8DL

Tgt Ion: 83 Resp: 2539

Ion Ratio Lower Upper

83 100

85 74.0 43.5 80.7



#27

1,2-Dichloroethane

Concen: 1.049 ug/L

RT: 5.101 min Scan# 1263

Delta R.T. -0.029 min

Lab File: VV025542.D

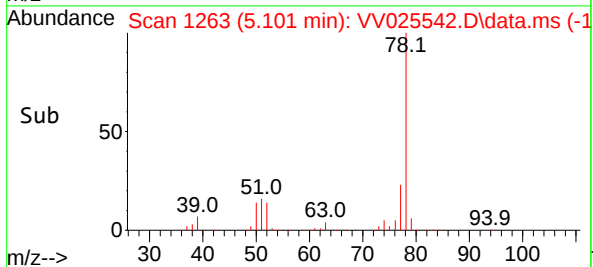
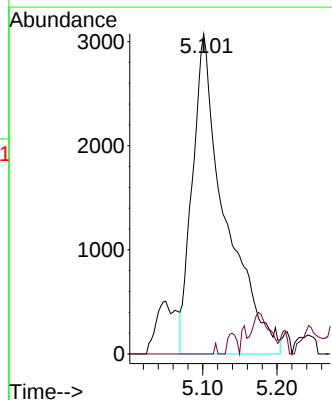
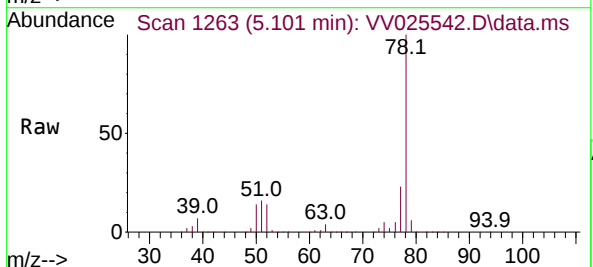
Acq: 14 Apr 2022 13:43

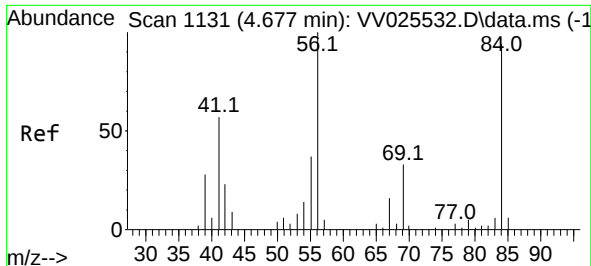
Tgt Ion: 62 Resp: 9398

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#

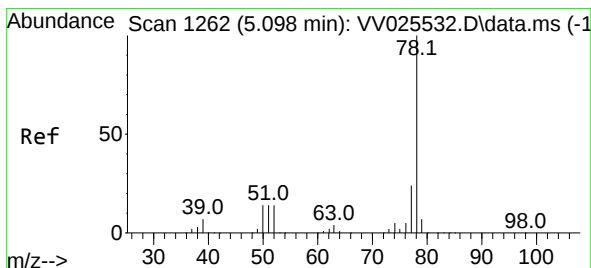
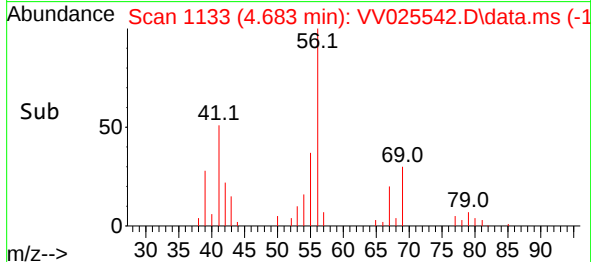
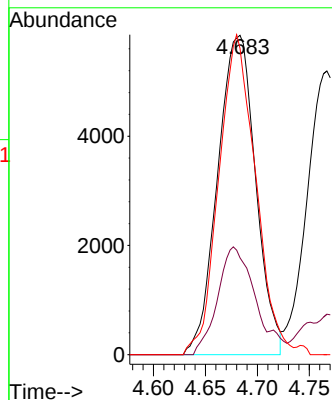
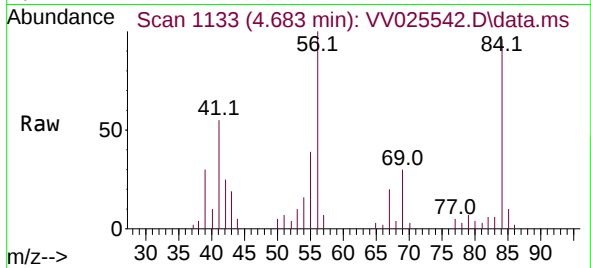




#30
Cyclohexane
Concen: 1.096 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

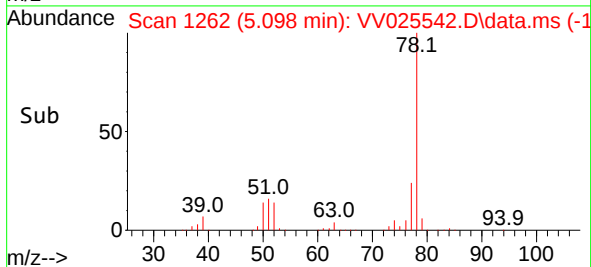
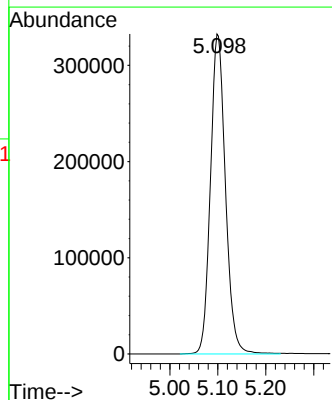
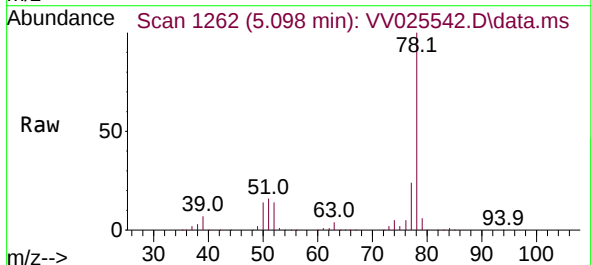
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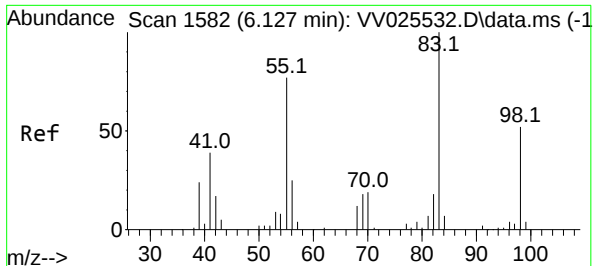
Tgt Ion: 56 Resp: 14880
Ion Ratio Lower Upper
56 100
69 33.6 26.1 39.1
84 96.4 78.6 118.0



#33
Benzene
Concen: 19.318 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

Tgt Ion: 78 Resp: 722665

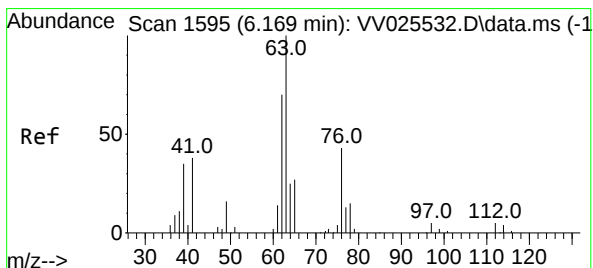
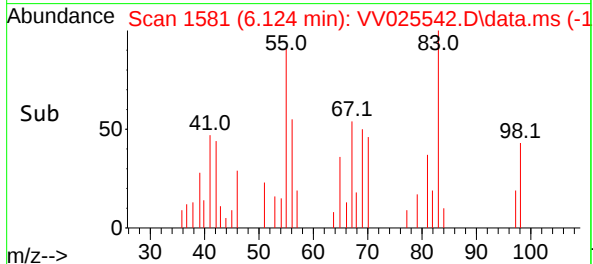
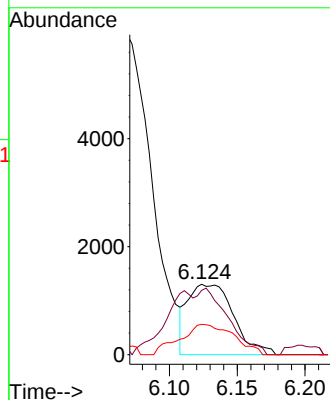
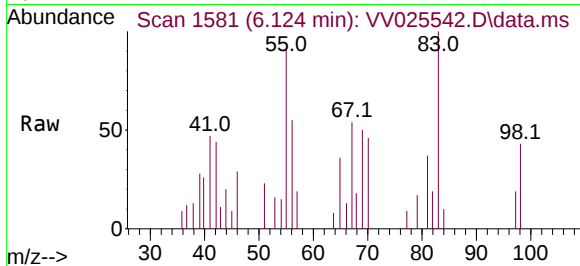




#35
Methylcyclohexane
Concen: 0.193 ug/L
RT: 6.124 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

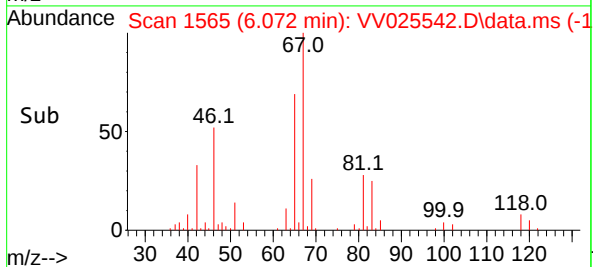
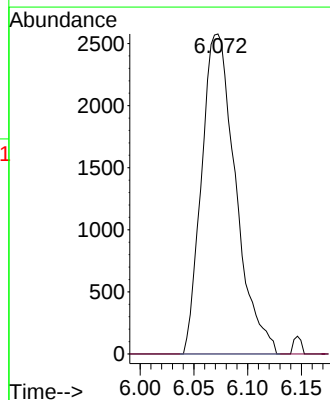
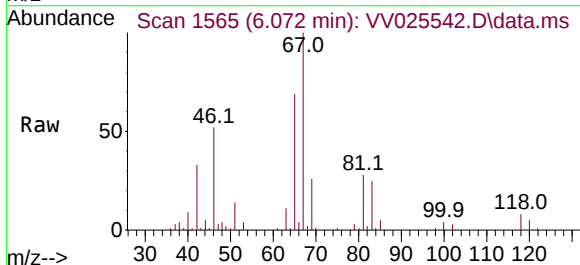
Instrument :
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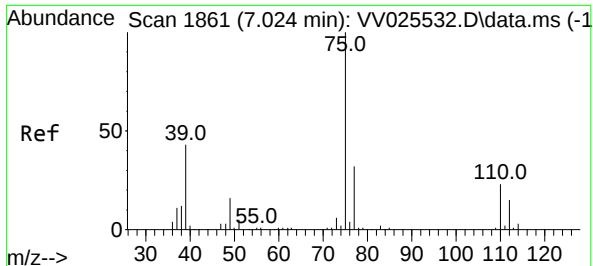
Tgt Ion: 83	Resp:	3061	
Ion	Ratio	Lower	Upper
83	100		
55	58.2	53.7	80.5
98	50.4	39.6	59.4



#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

Tgt Ion: 63	Resp:	5665	
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025542.D

Acq: 14 Apr 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

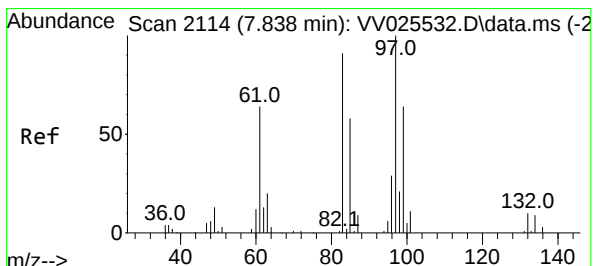
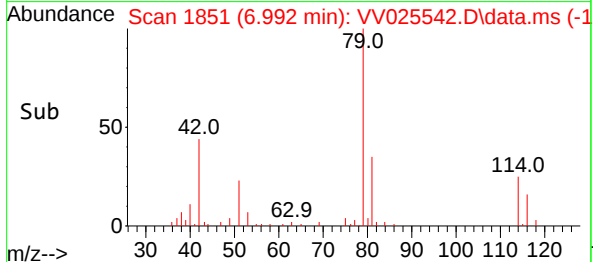
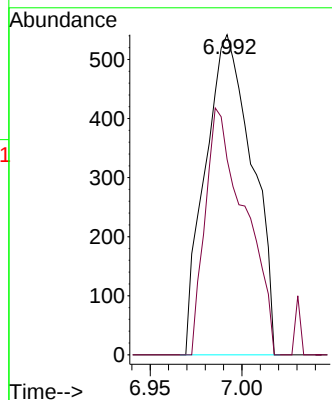
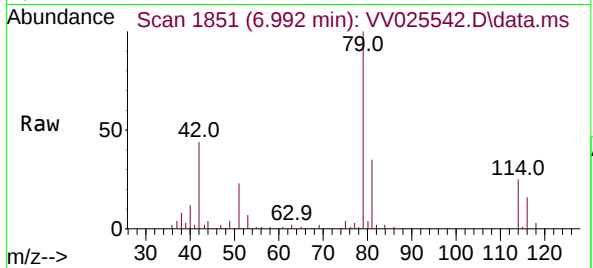
GBDS8DL

Tgt Ion: 75 Resp: 964

Ion Ratio Lower Upper

75 100

77 61.1 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.127 ug/L

RT: 7.786 min Scan# 2098

Delta R.T. -0.052 min

Lab File: VV025542.D

Acq: 14 Apr 2022 13:43

Tgt Ion: 97 Resp: 738

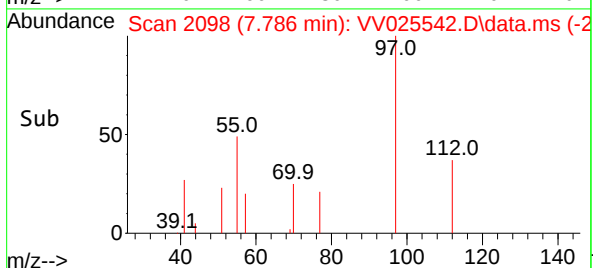
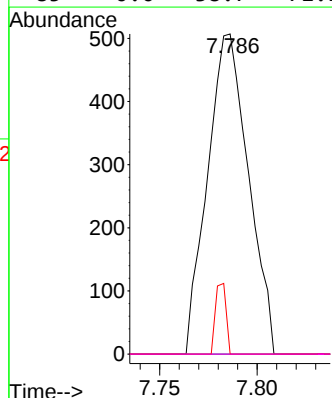
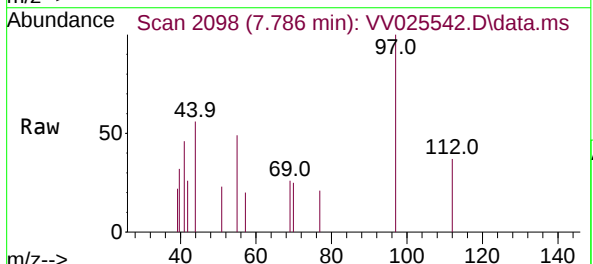
Ion Ratio Lower Upper

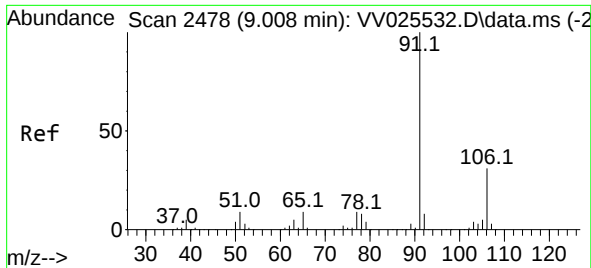
97 100

99 0.0 43.8 81.4#

83 0.0 60.3 112.1#

85 0.0 38.7 71.9#

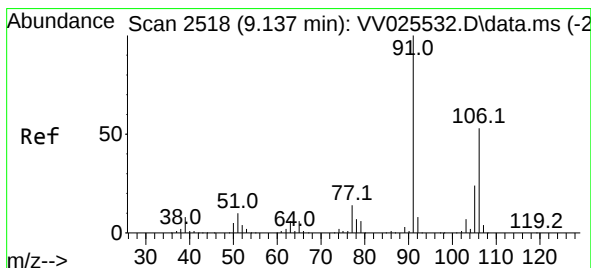
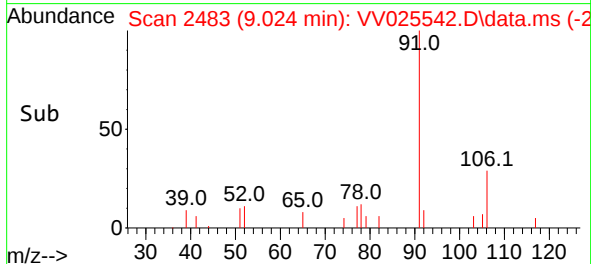
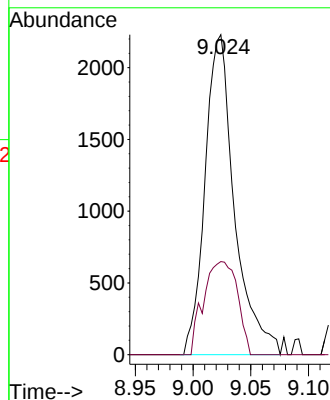
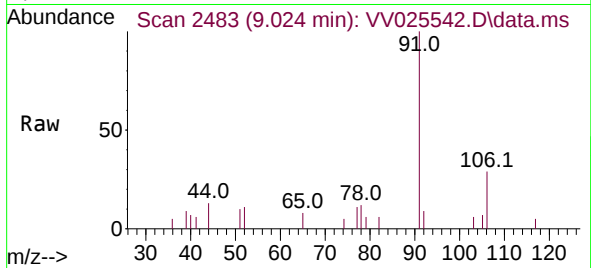




#52
Ethylbenzene
Concen: 0.091 ug/L
RT: 9.024 min Scan# 2478
Delta R.T. 0.016 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

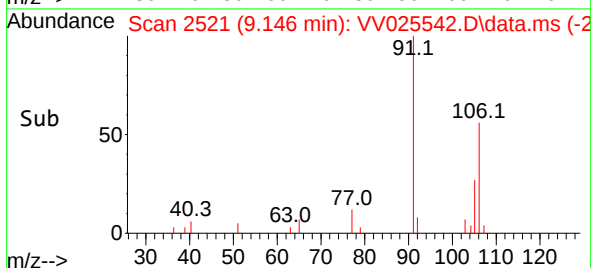
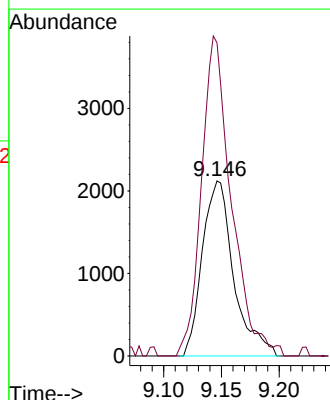
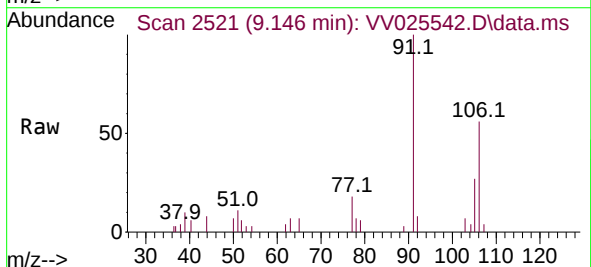
Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

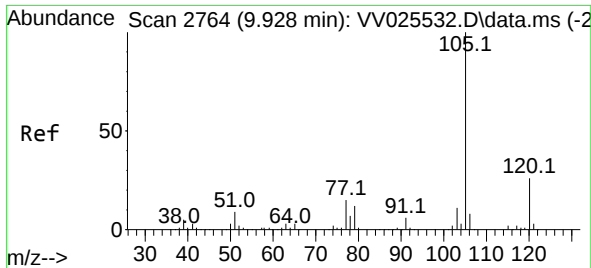
Tgt Ion: 91 Resp: 3960
Ion Ratio Lower Upper
91 100
106 29.1 22.3 41.3



#53
m,p-Xylene
Concen: 0.243 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

Tgt Ion: 106 Resp: 4005
Ion Ratio Lower Upper
106 100
91 178.8 136.4 253.4

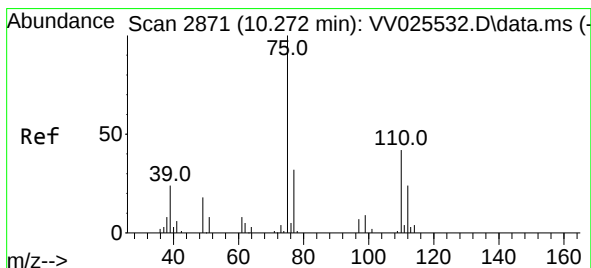
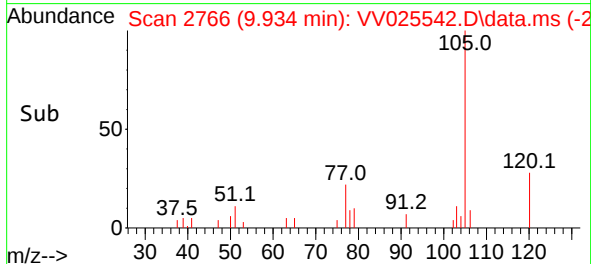
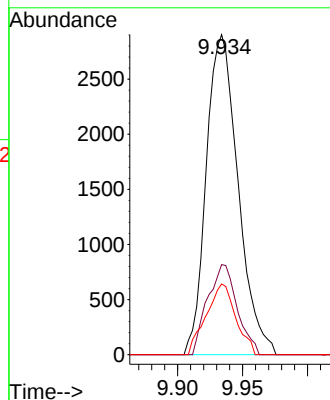
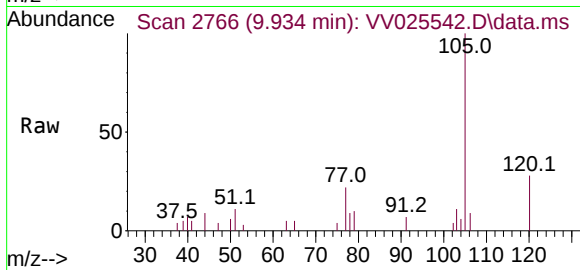




#60
Isopropylbenzene
Concen: 0.142 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

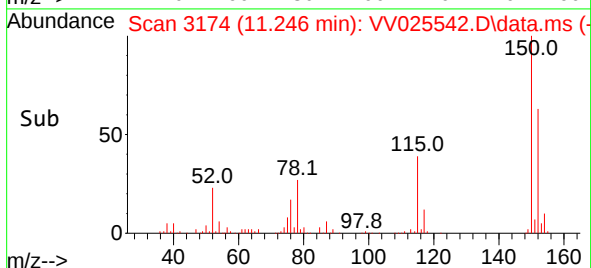
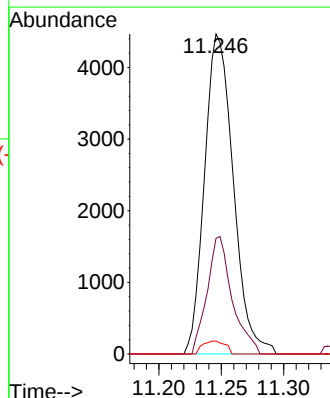
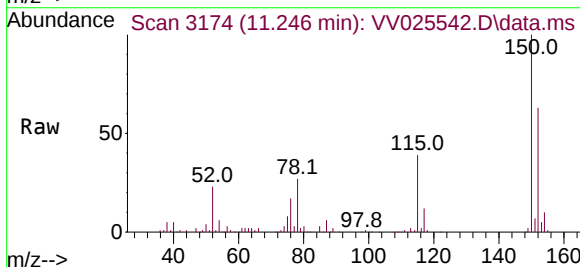
Instrument :
MSVOA_V
ClientSampleId :
GBDS8DL

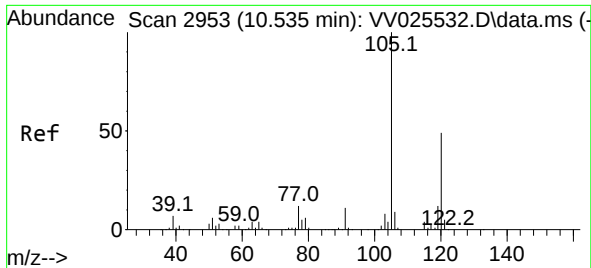
Tgt Ion:105 Resp: 4944
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 20.6 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.938 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025542.D
Acq: 14 Apr 2022 13:43

Tgt Ion: 75 Resp: 7170
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 3.2 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.051 ug/L

RT: 11.342 min Scan# 31

Delta R.T. 0.807 min

Lab File: VV025542.D

Acq: 14 Apr 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

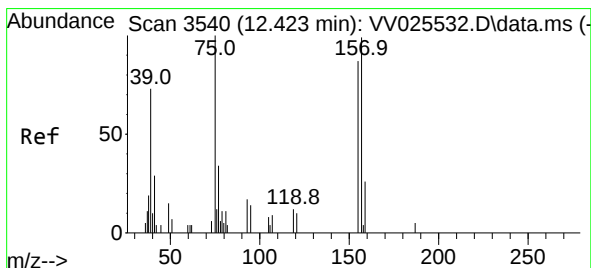
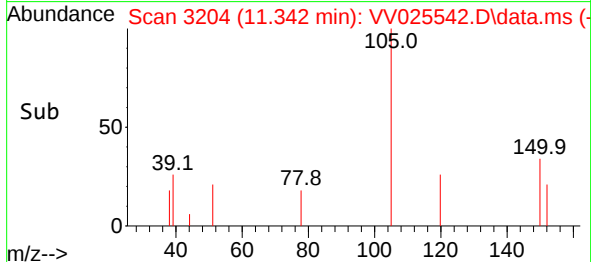
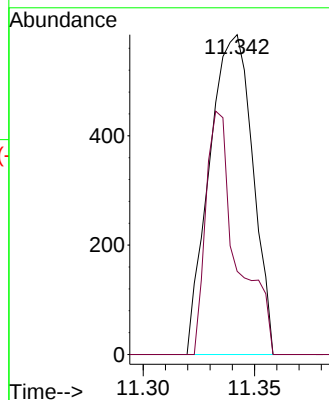
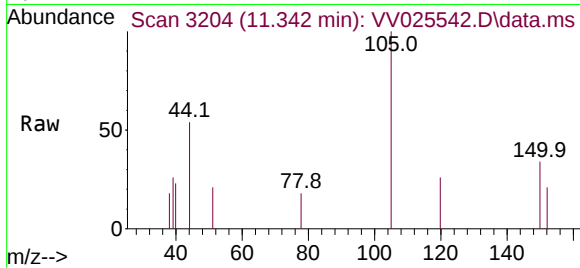
GBDS8DL

Tgt Ion:105 Resp: 791

Ion Ratio Lower Upper

105 100

120 54.6 39.6 59.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.394 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.177 min

Lab File: VV025542.D

Acq: 14 Apr 2022 13:43

Tgt Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

