

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025472.D
 Acq On : 12 Apr 2022 14:22
 Operator : SY/MD
 Sample : N2372-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGQJ8

Quant Time: Apr 13 02:33:31 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	5.616	114	148080	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55330	4.019	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	52730	3.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.108	63	94746	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.915	46	59970	35.811	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.620%
24) Chloroform-d	4.349	84	89490	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.037	65	39624	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.050	84	168781	3.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.069	67	51447	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.316	98	148242	3.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.625	79	15564	3.885	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.091	63	60953	43.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.700%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32238	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51783	4.038	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	820	0.056	ug/L #	70
5) Vinyl chloride	1.310	62	1044	0.064	ug/L #	1
6) Bromomethane	1.526	94	760	0.064	ug/L	88
12) 1,1-Dichloroethene	2.121	96	10793	0.840	ug/L #	1
13) Acetone	2.217	43	13499	11.876	ug/L #	39
17) Methyl tert-butyl Ether	2.776	73	10270	0.517	ug/L #	85
19) 1,1-Dichloroethane	3.191	63	54101	2.968	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	55698	4.916	ug/L	95
25) Chloroform	4.378	83	7170	0.373	ug/L	95
29) 1,1,1-Trichloroethane	4.619	97	3161	0.181	ug/L	90
33) Benzene	5.111	78	5648	0.129	ug/L	100
34) Trichloroethene	5.918	95	10127	0.874	ug/L	86
35) Methylcyclohexane	6.069	83	11989	0.648	ug/L #	50
37) 1,2-Dichloropropane	6.069	63	5981	0.592	ug/L #	85
42) Toluene	7.394	91	13007	0.274	ug/L	99
47) Tetrachloroethene	7.976	164	8080	0.891	ug/L	94
49) Dibromochloromethane	7.976	129	7777	1.048	ug/L #	11
52) Ethylbenzene	9.021	91	3493	0.069	ug/L	94
53) m,p-Xylene	9.149	106	794	0.041	ug/L	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041222\
Data File : VV025472.D
Acq On : 12 Apr 2022 14:22
Operator : SY/MD
Sample : N2372-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Quant Time: Apr 13 02:33:31 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

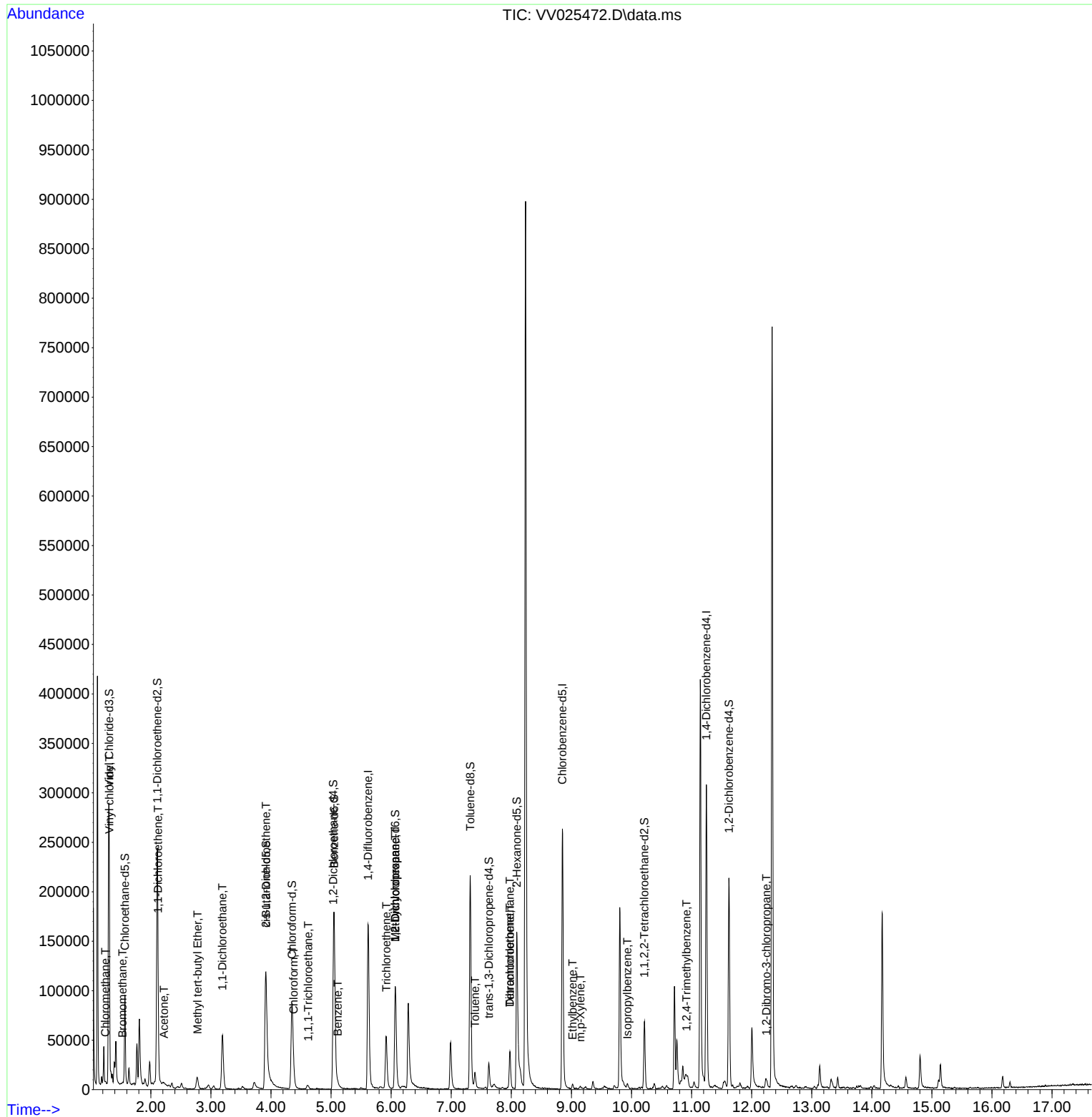
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Isopropylbenzene	9.931	105	2410	0.051	ug/L #	92
63) 1,2,4-Trimethylbenzene	10.914	105	3901	0.103	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	12.246	75	228	0.262	ug/L #	2

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

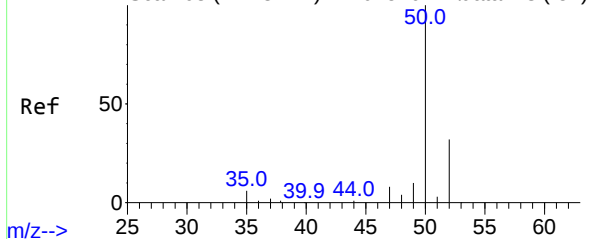
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041222\
Data File : VV025472.D
Acq On : 12 Apr 2022 14:22
Operator : SY/MD
Sample : N2372-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

Quant Time: Apr 13 02:33:31 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



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



#3

Chloromethane

Concen: 0.056 ug/L

RT: 1.243 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

BGQJ8

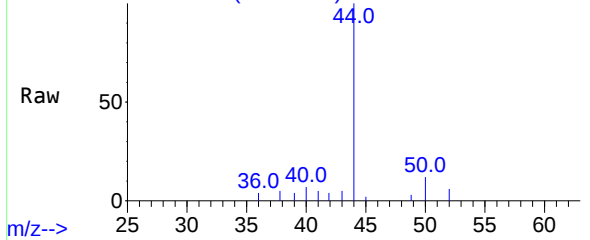
Tgt Ion: 50 Resp: 820

Ion Ratio Lower Upper

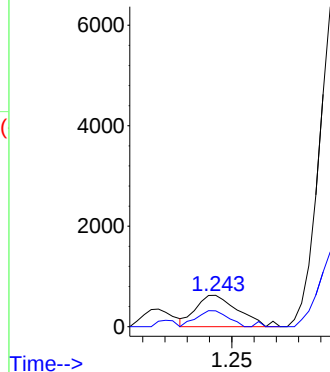
50 100

52 50.9 23.7 43.9#

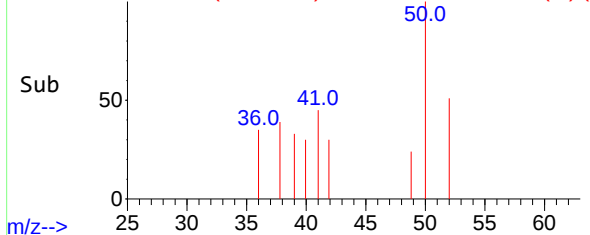
Abundance Scan 63 (1.243 min): VV025472.D\data.ms



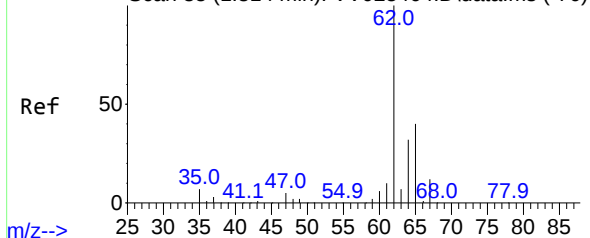
Abundance



Abundance Scan 63 (1.243 min): VV025472.D\data.ms (-1) (



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



#5

Vinyl chloride

Concen: 0.064 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.003 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

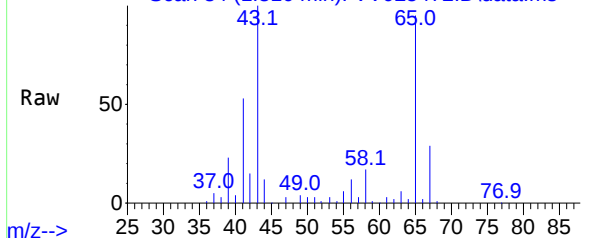
Tgt Ion: 62 Resp: 1044

Ion Ratio Lower Upper

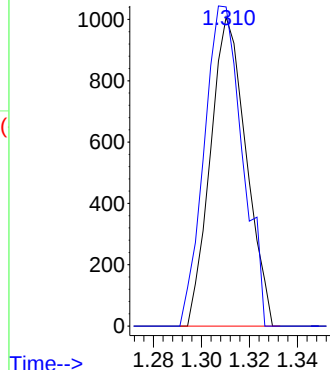
62 100

64 103.3 23.2 43.2#

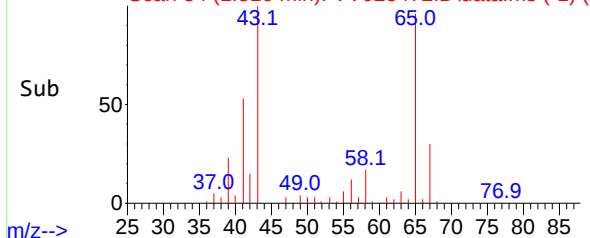
Abundance Scan 84 (1.310 min): VV025472.D\data.ms

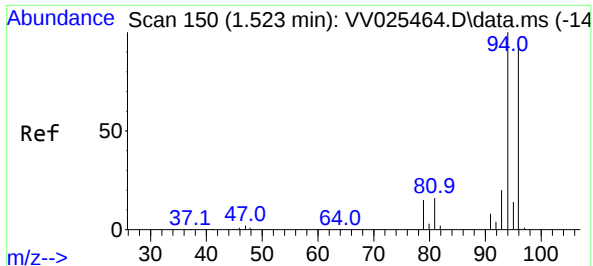


Abundance



Abundance Scan 84 (1.310 min): VV025472.D\data.ms (-1) (

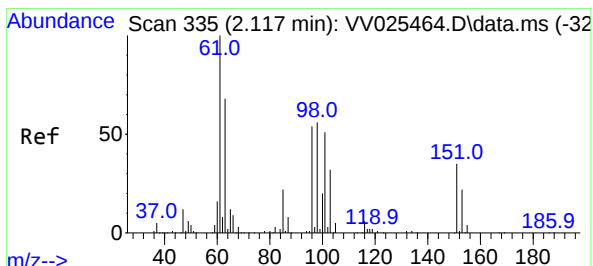
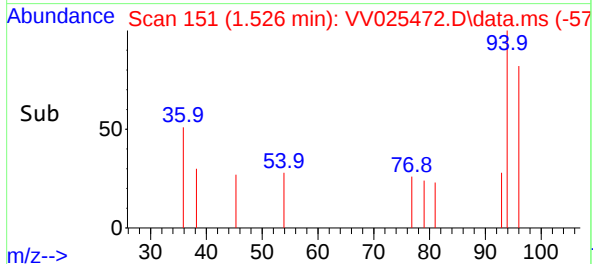
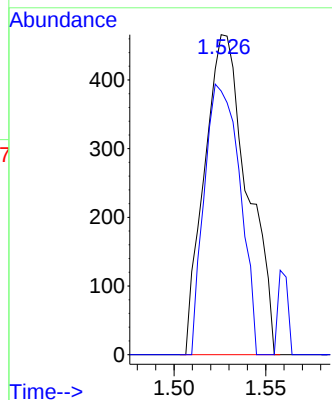
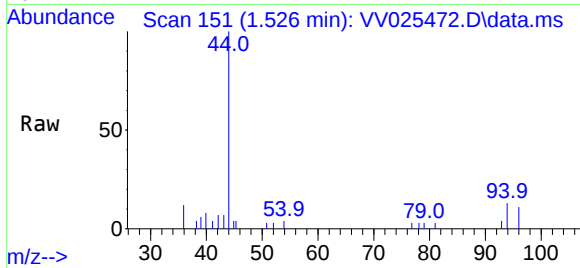




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

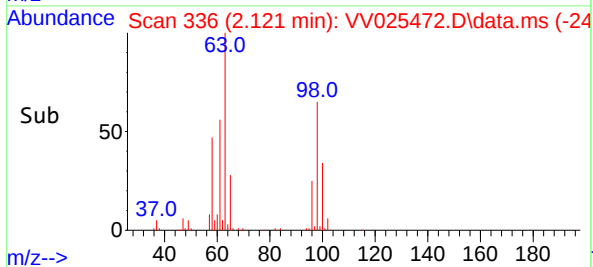
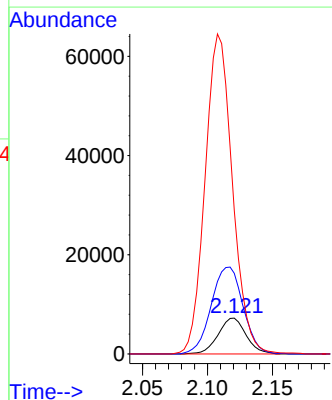
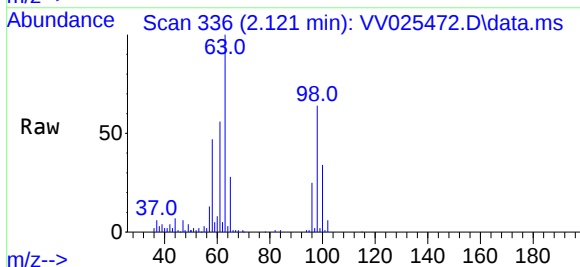
Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

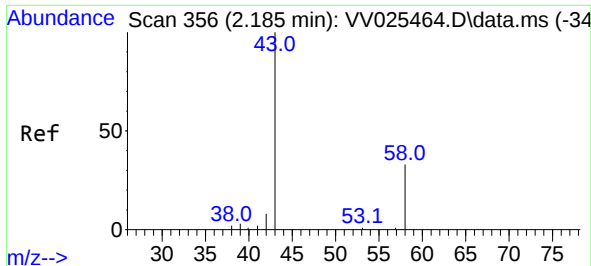
Tgt Ion: 94 Resp: 760
Ion Ratio Lower Upper
94 100
96 82.4 66.1 122.7



#12
1,1-Dichloroethene
Concen: 0.840 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 96 Resp: 10793
Ion Ratio Lower Upper
96 100
61 225.5 125.2 232.4
63 401.3 114.4 212.4#

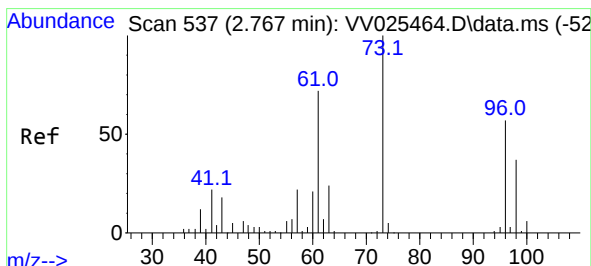
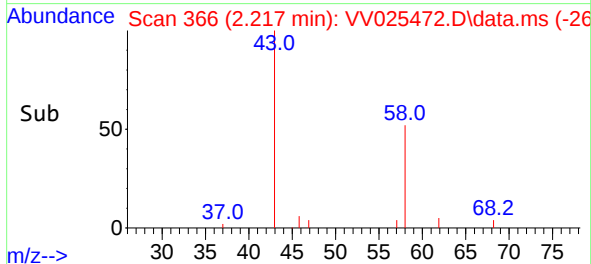
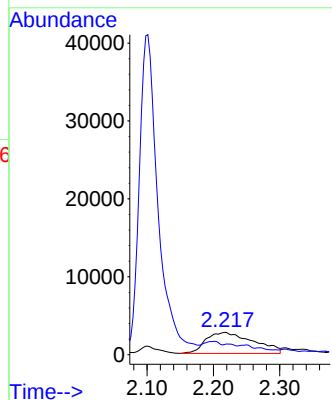
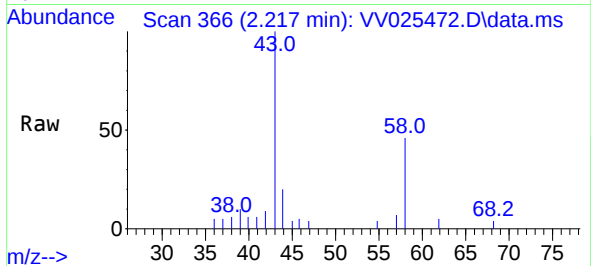




#13
Acetone
Concen: 11.876 ug/L
RT: 2.217 min Scan# 30
Delta R.T. 0.032 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

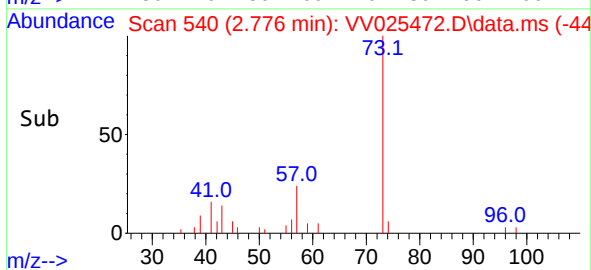
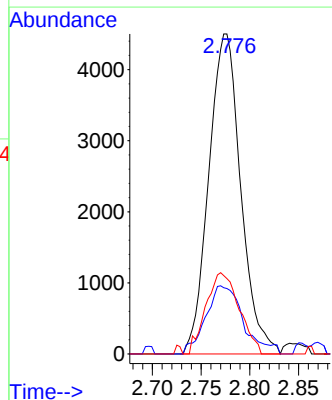
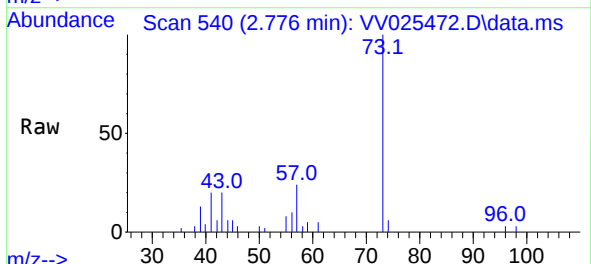
Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

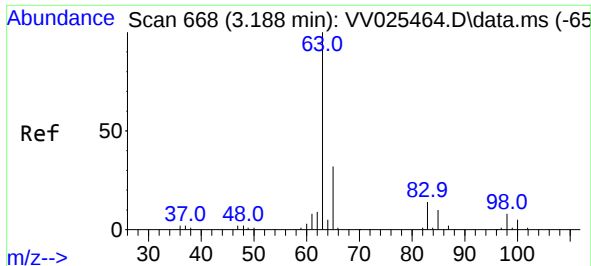
Tgt Ion: 43 Resp: 13499
Ion Ratio Lower Upper
43 100
58 0.0 0.0 72.2



#17
Methyl tert-butyl Ether
Concen: 0.517 ug/L
RT: 2.776 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 73 Resp: 10270
Ion Ratio Lower Upper
73 100
43 25.0 14.2 21.4#
57 26.4 16.1 24.1#





#19

1,1-Dichloroethane

Concen: 2.968 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

BGQJ8

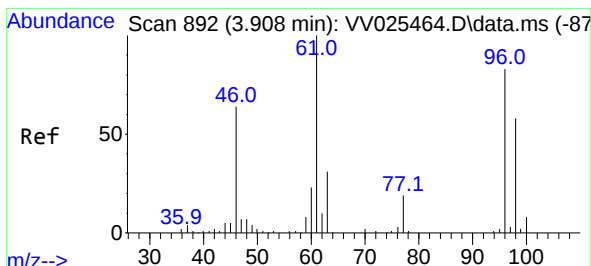
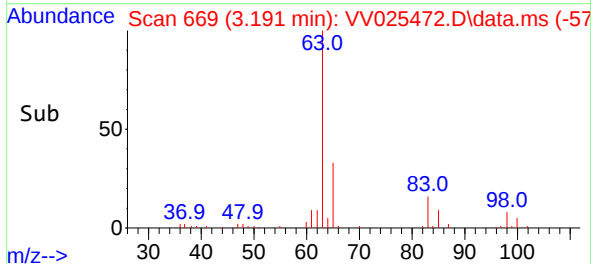
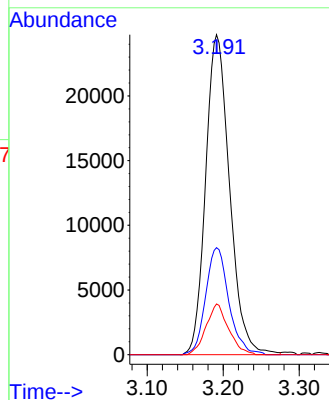
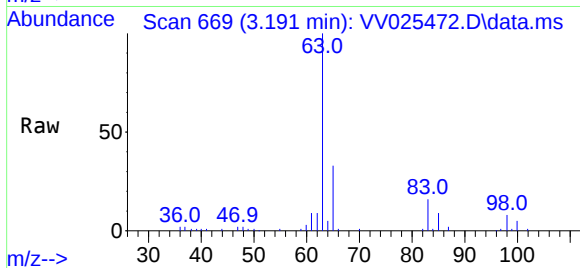
Tgt Ion: 63 Resp: 54101

Ion Ratio Lower Upper

63 100

65 33.4 23.2 43.0

83 15.8 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 4.916 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

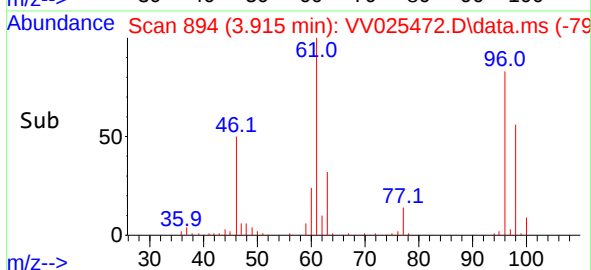
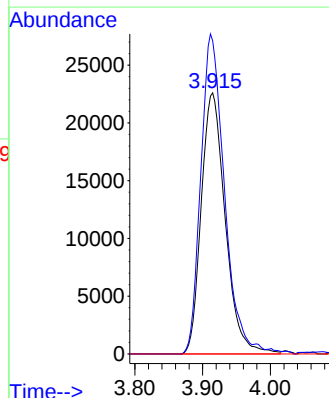
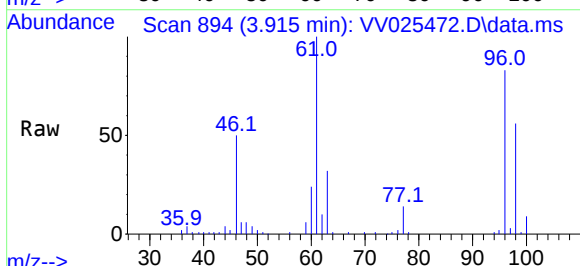
Tgt Ion: 96 Resp: 55698

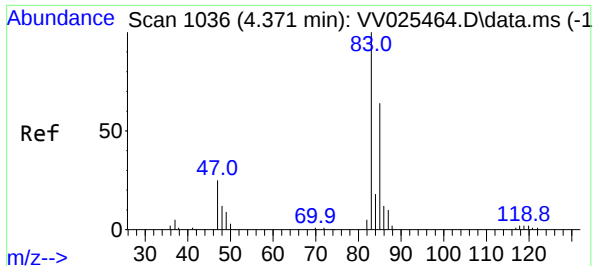
Ion Ratio Lower Upper

96 100

61 119.9 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.373 ug/L

RT: 4.378 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

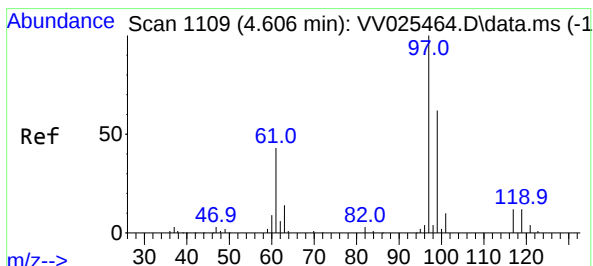
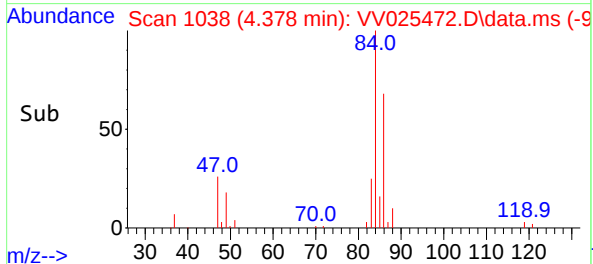
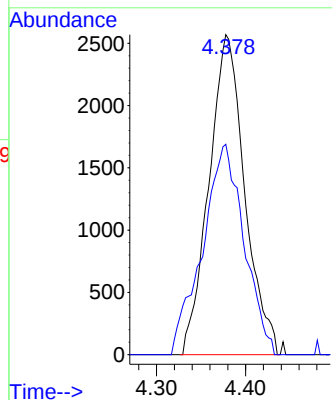
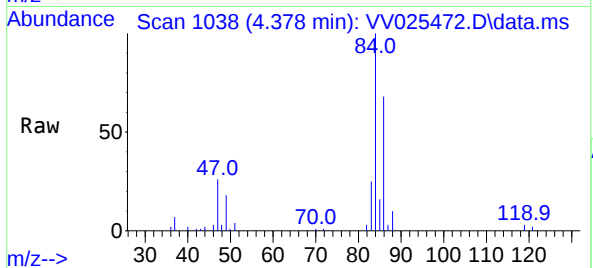
BGQJ8

Tgt Ion: 83 Resp: 7170

Ion Ratio Lower Upper

83 100

85 65.7 43.5 80.7



#29

1,1,1-Trichloroethane

Concen: 0.181 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.013 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

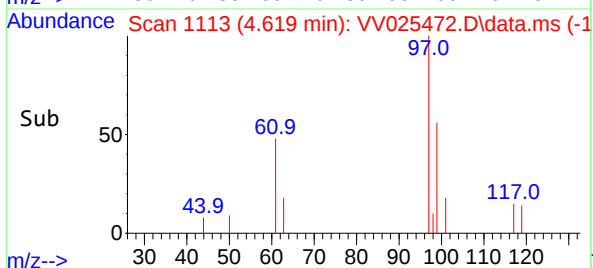
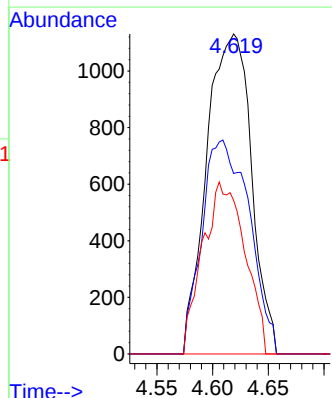
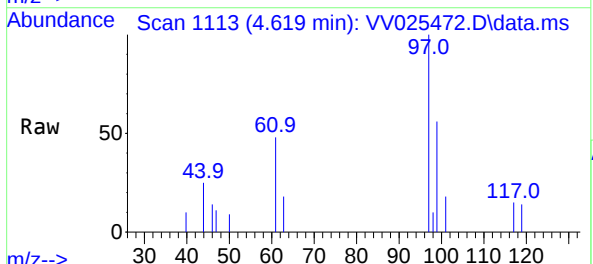
Tgt Ion: 97 Resp: 3161

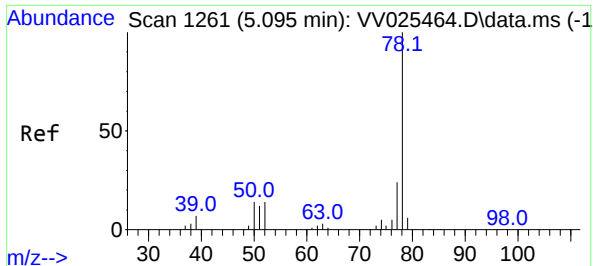
Ion Ratio Lower Upper

97 100

99 70.9 51.5 77.3

61 50.8 34.3 51.5

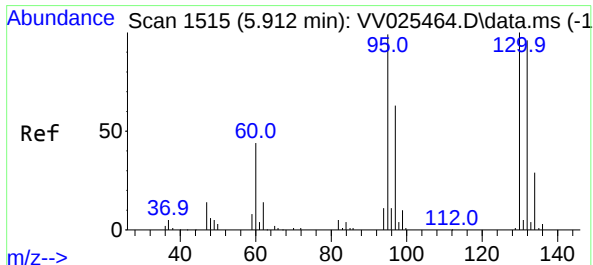
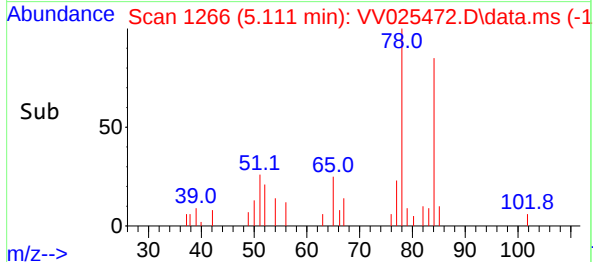
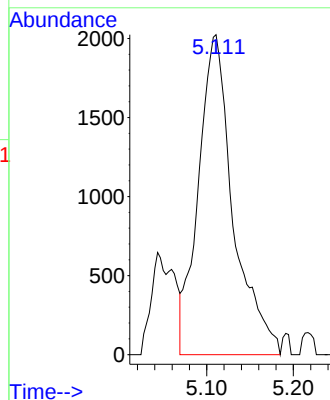
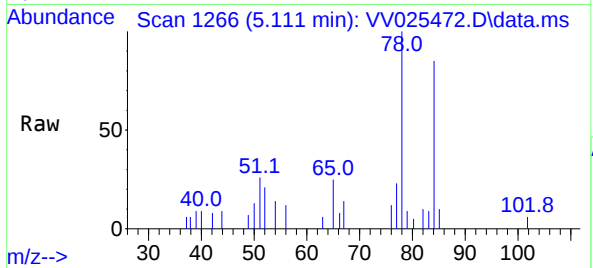




#33
Benzene
Concen: 0.129 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Instrument : MSVOA_V
ClientSampleId : BGQJ8

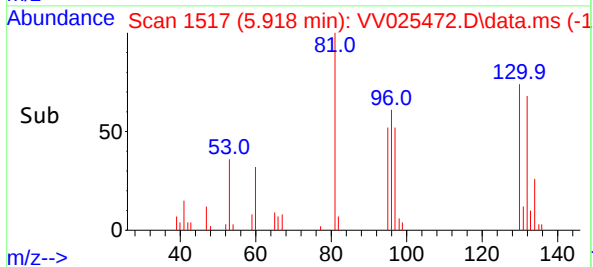
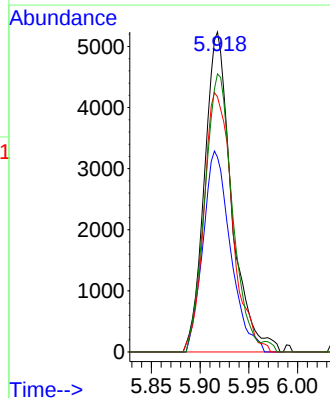
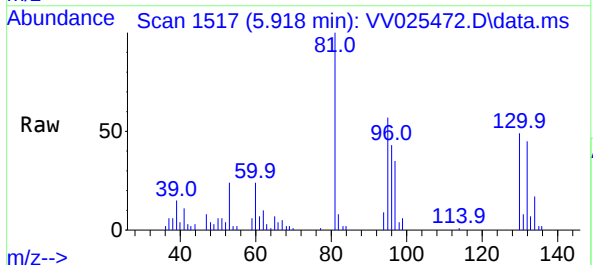
Tgt Ion: 78 Resp: 5648

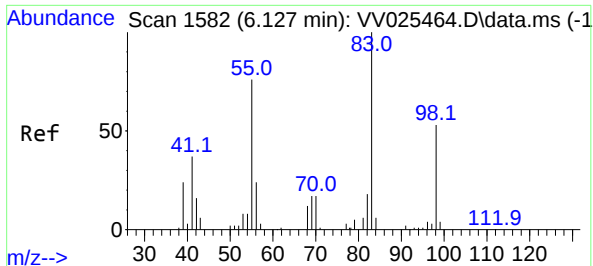


#34
Trichloroethene
Concen: 0.874 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 95 Resp: 10127

Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.8	85.2
132	79.7	68.0	126.4
130	86.9	71.9	133.5





#35

Methylcyclohexane

Concen: 0.648 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

BGQJ8

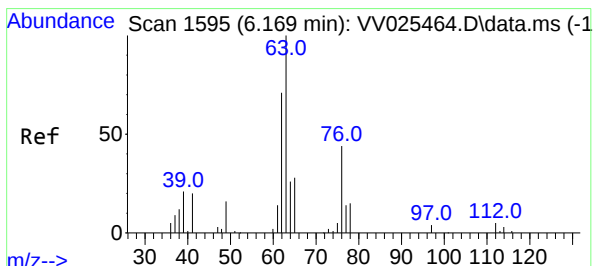
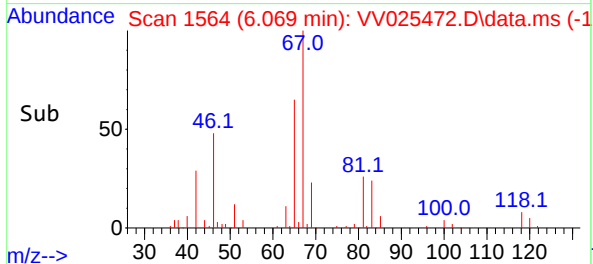
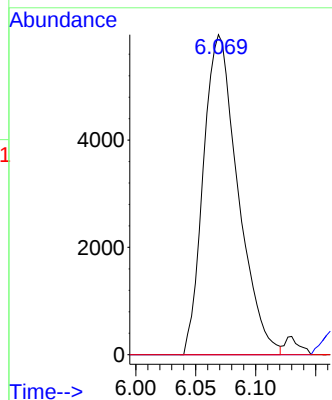
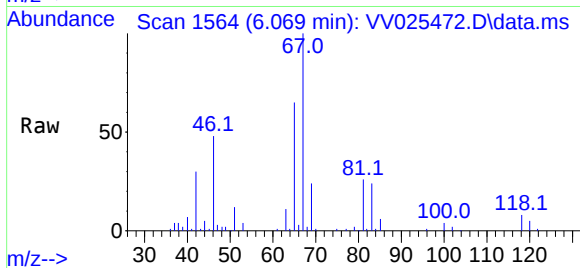
Tgt Ion: 83 Resp: 11989

Ion Ratio Lower Upper

83 100

55 29.6 53.7 80.5#

98 11.7 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025472.D

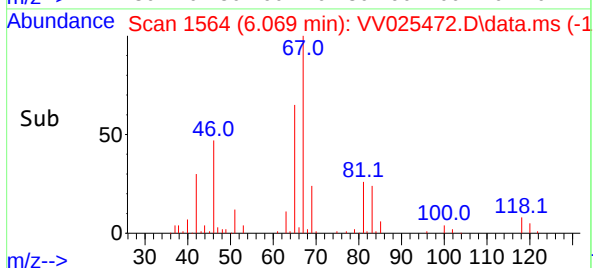
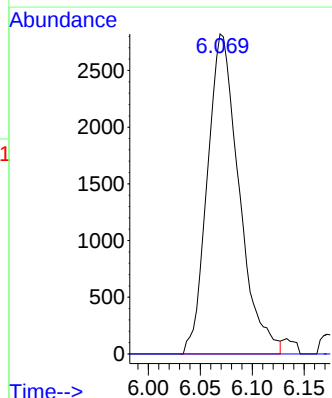
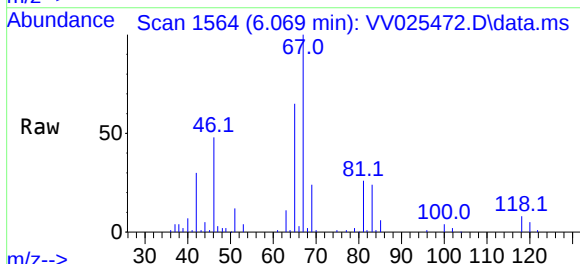
Acq: 12 Apr 2022 14:22

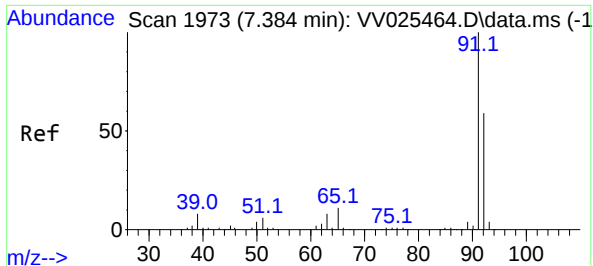
Tgt Ion: 63 Resp: 5981

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

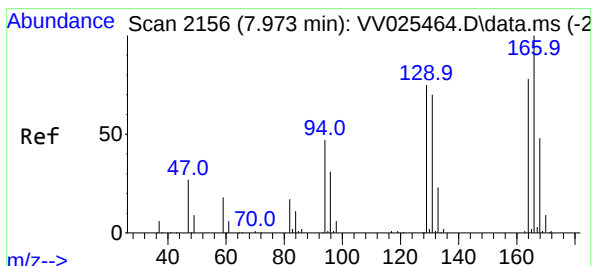
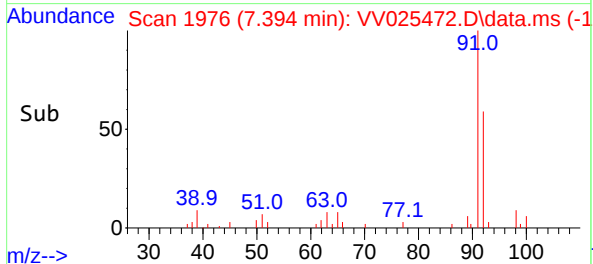
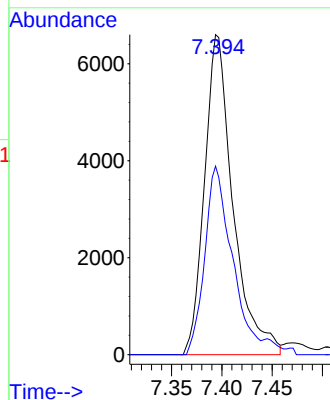
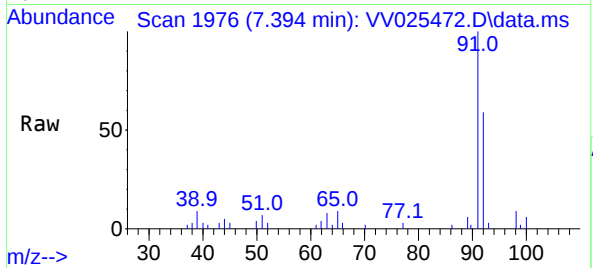




#42
Toluene
Concen: 0.274 ug/L
RT: 7.394 min Scan# 1973
Delta R.T. 0.010 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

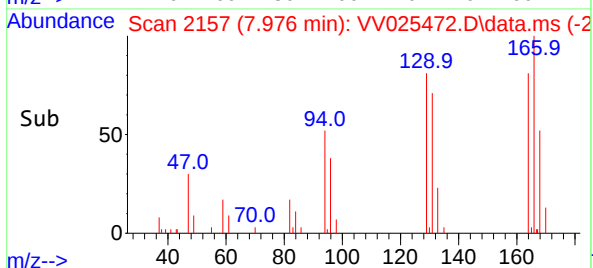
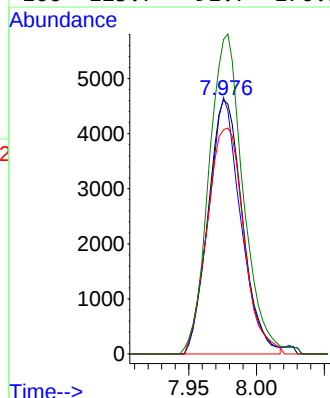
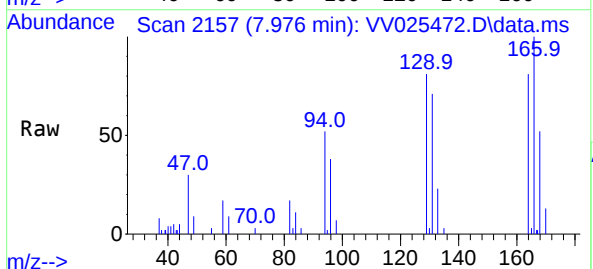
Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

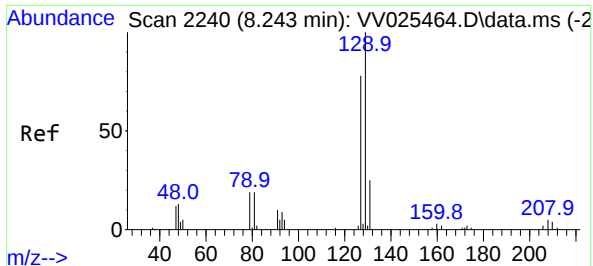
Tgt Ion: 91 Resp: 13007
Ion Ratio Lower Upper
91 100
92 58.9 40.8 75.8



#47
Tetrachloroethene
Concen: 0.891 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion: 164 Resp: 8080
Ion Ratio Lower Upper
164 100
129 100.8 66.8 124.2
131 88.3 66.4 123.4
166 123.7 91.7 170.3





#49

Dibromochloromethane

Concen: 1.048 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025472.D

Acq: 12 Apr 2022 14:22

Instrument :

MSVOA_V

ClientSampleId :

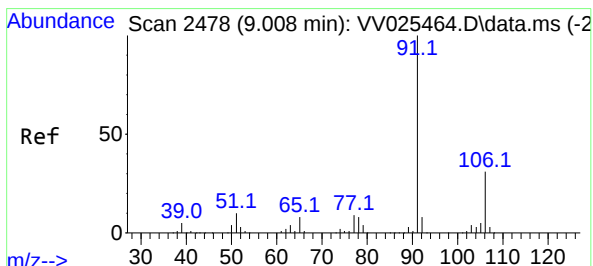
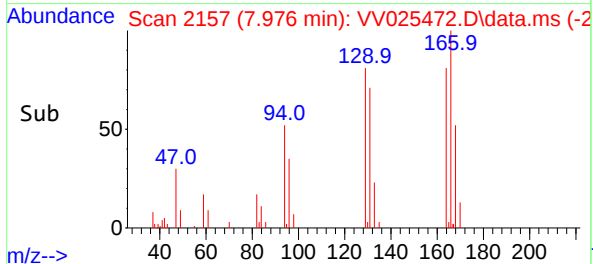
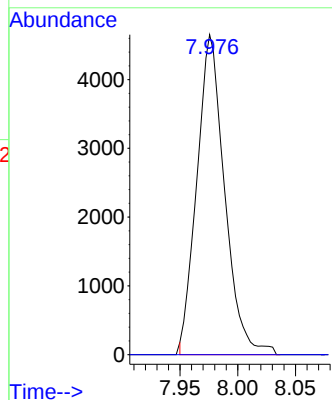
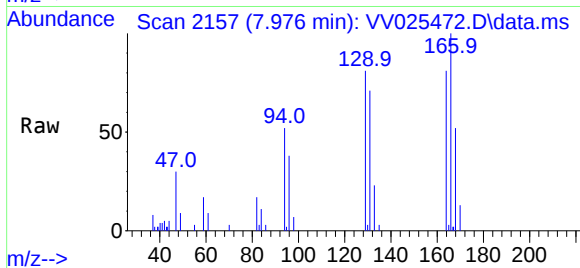
BGQJ8

Tgt Ion:129 Resp: 7777

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.069 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV025472.D

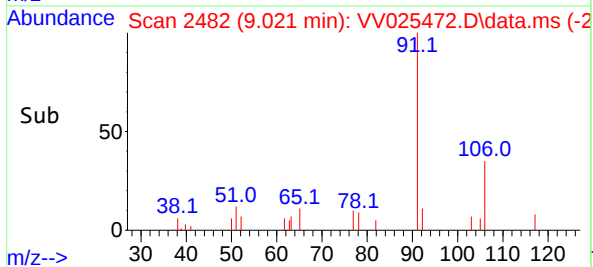
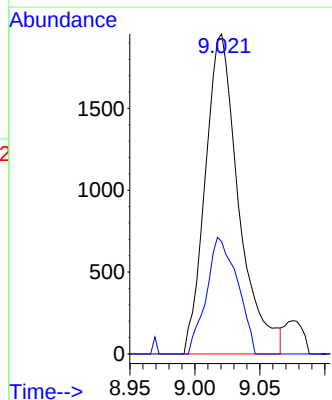
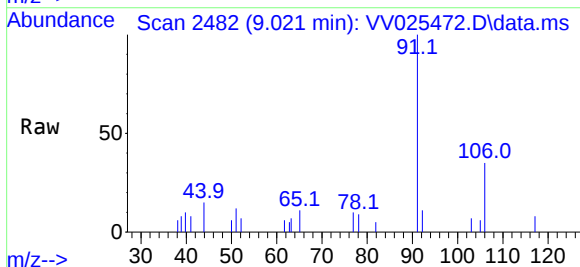
Acq: 12 Apr 2022 14:22

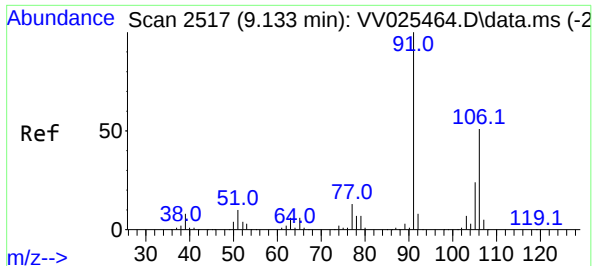
Tgt Ion: 91 Resp: 3493

Ion Ratio Lower Upper

91 100

106 35.1 22.3 41.3

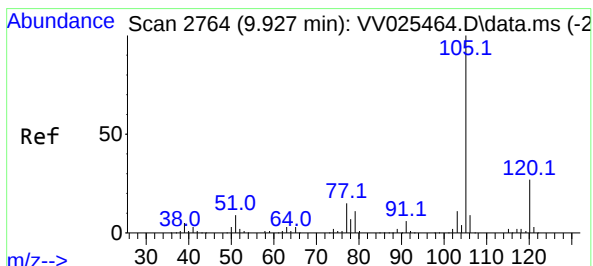
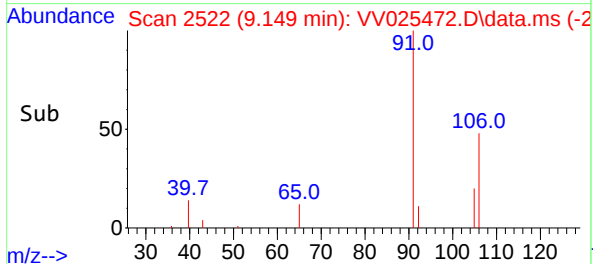
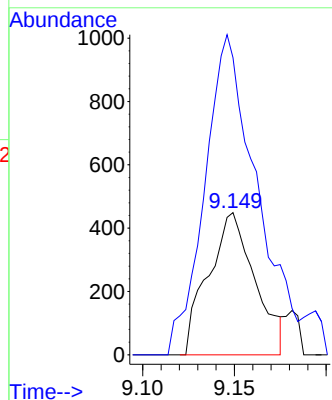
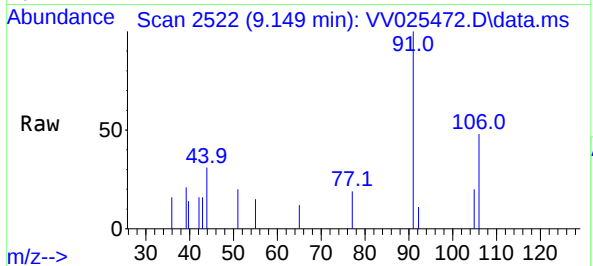




#53
m,p-Xylene
Concen: 0.041 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

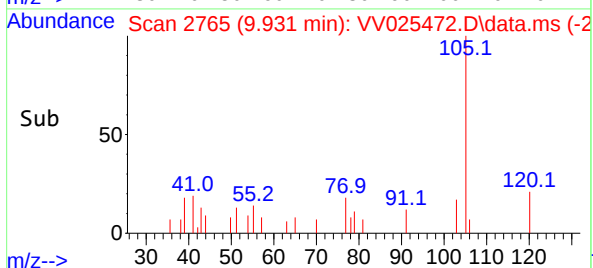
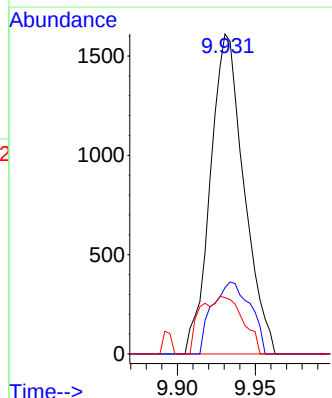
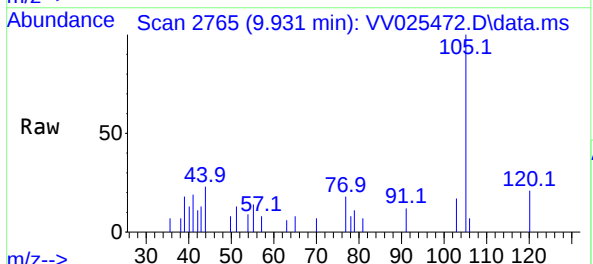
Instrument :
MSVOA_V
ClientSampleId :
BGQJ8

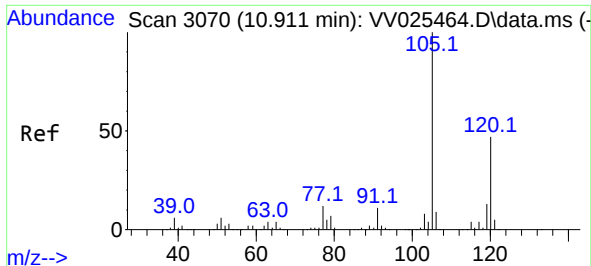
Tgt Ion:106 Resp: 794
Ion Ratio Lower Upper
106 100
91 208.9 136.4 253.4



#60
Isopropylbenzene
Concen: 0.051 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025472.D
Acq: 12 Apr 2022 14:22

Tgt Ion:105 Resp: 2410
Ion Ratio Lower Upper
105 100
120 25.4 21.2 31.8
77 22.7 12.2 18.2#

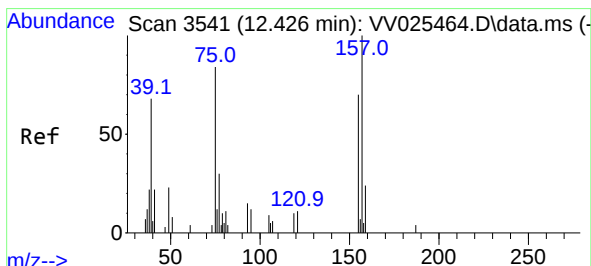
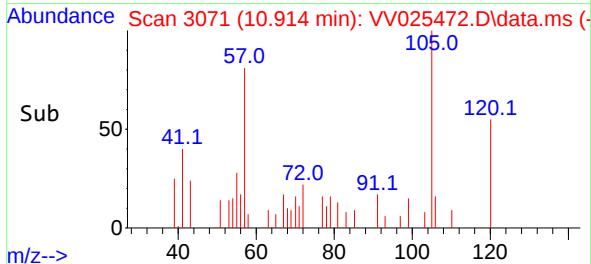
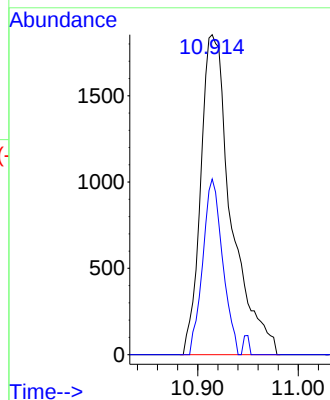
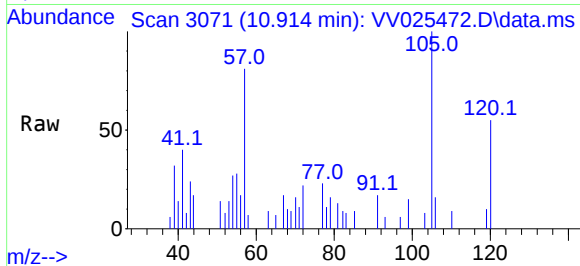




#63
 1,2,4-Trimethylbenzene
 Concen: 0.103 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV025472.D
 Acq: 12 Apr 2022 14:22

Instrument :
 MSVOA_V
 ClientSampleId :
 BGQJ8

Tgt Ion:105 Resp: 3901
 Ion Ratio Lower Upper
 105 100
 120 35.6 36.6 55.0#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.262 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV025472.D
 Acq: 12 Apr 2022 14:22

Tgt Ion: 75 Resp: 228
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

