

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028238.D
 Acq On : 30 Sep 2022 19:53
 Operator : SY/MD
 Sample : N4873-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ56

Quant Time: Sep 30 23:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	145857	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	146075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64748	4.282	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.561	69	58032	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.098	63	95615	3.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.896	46	114381	44.805	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	4.339	84	118136	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.024	65	53317	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.040	84	232070	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.063	67	67959	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.310	98	196441	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.622	79	21154	3.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.085	63	99069	44.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48459	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	74148	5.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	648	0.045	ug/L	98
5) Vinyl chloride	1.304	62	510	0.045	ug/L #	1
6) Bromomethane	1.519	94	640	0.087	ug/L	85
8) Chloroethane	1.478	64	41700	5.498	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1055	0.102	ug/L #	20
12) 1,1-Dichloroethene	2.095	96	898	0.089	ug/L #	1
14) Carbon disulfide	2.285	76	2115	0.109	ug/L #	75
25) Chloroform	4.365	83	67115	3.249	ug/L	99
35) Methylcyclohexane	6.063	83	16828	1.215	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	7123	0.626	ug/L #	87
38) Bromodichloromethane	6.506	83	1640	0.117	ug/L #	77
39) cis-1,3-Dichloropropene	6.985	75	1237	0.088	ug/L #	63
42) Toluene	7.391	91	12582	0.297	ug/L	98
44) trans-1,3-Dichloropropene	7.619	75	875	0.072	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	6048	1.077	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.927	105	404	0.036	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.246	75	556	0.452	ug/L #	25

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

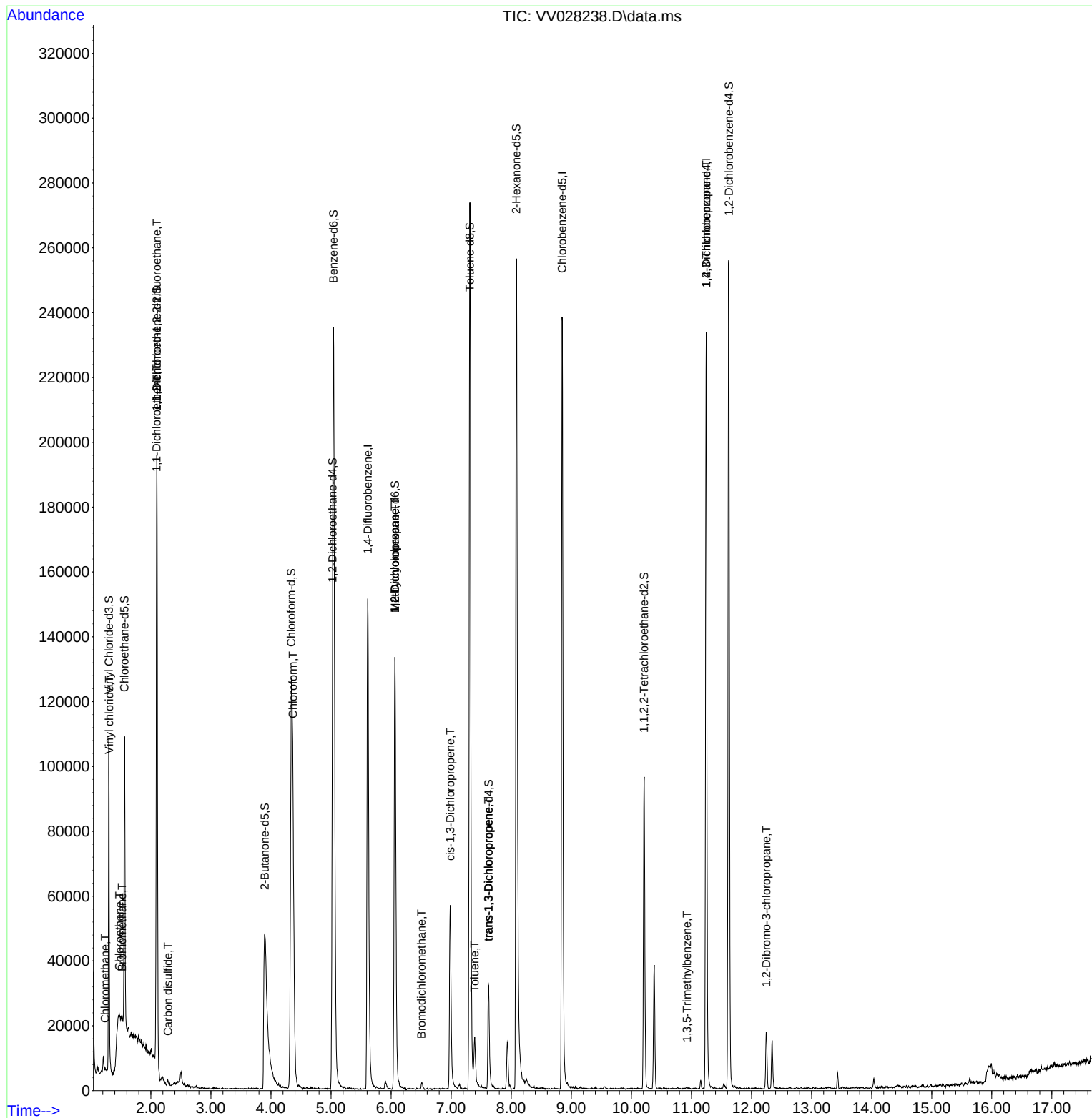
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

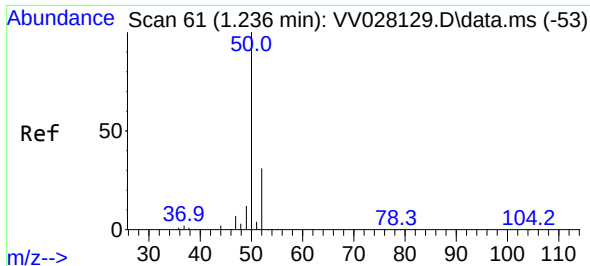
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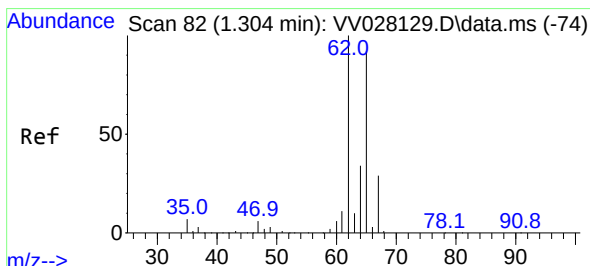
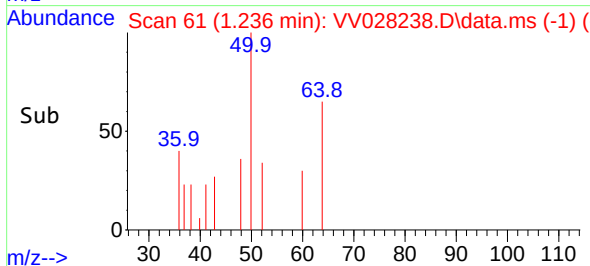
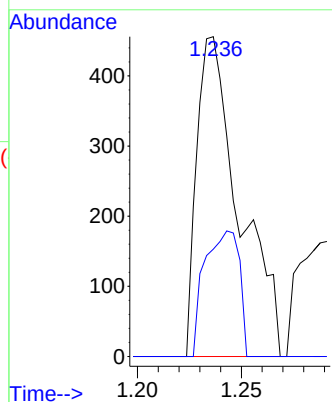
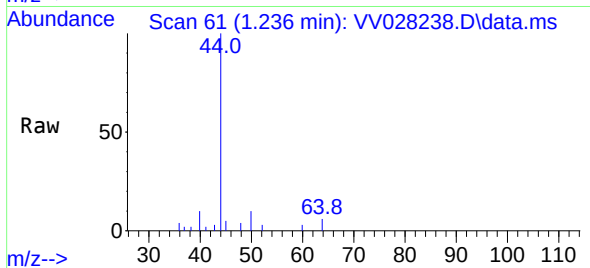




#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

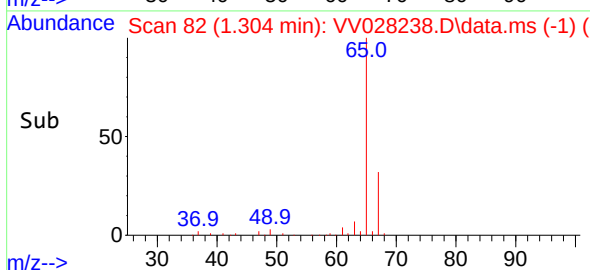
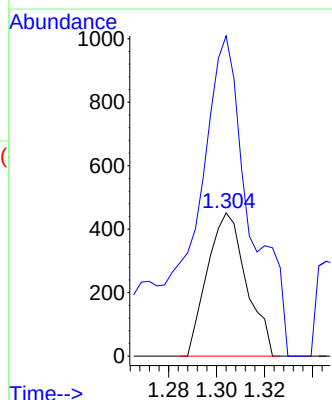
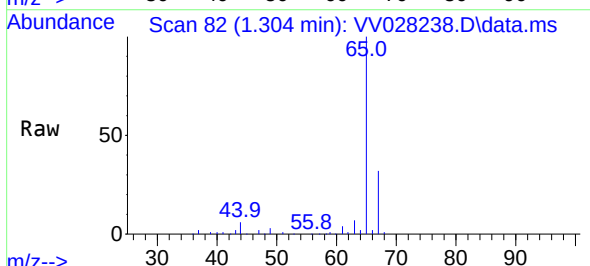
Instrument :
MSVOA_V
ClientSampleId :
EXZ56

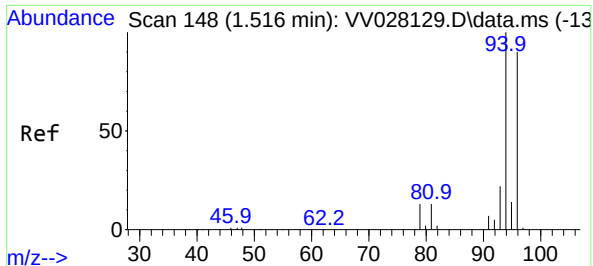
Tgt Ion: 50 Resp: 648
Ion Ratio Lower Upper
50 100
52 33.6 24.4 45.2



#5
Vinyl chloride
Concen: 0.045 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

Tgt Ion: 62 Resp: 510
Ion Ratio Lower Upper
62 100
64 223.7 23.0 42.8#

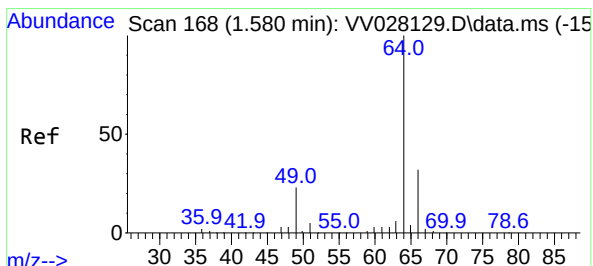
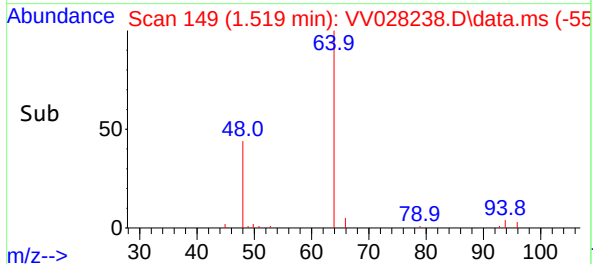
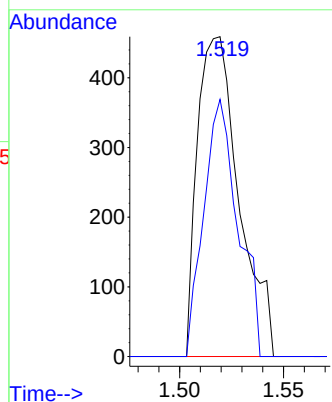
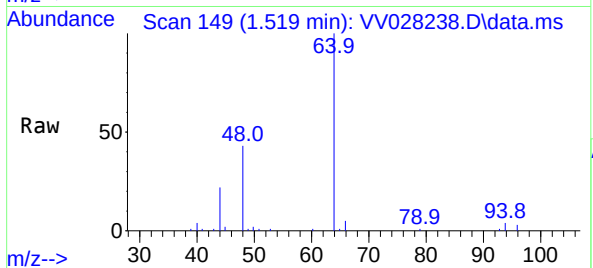




#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

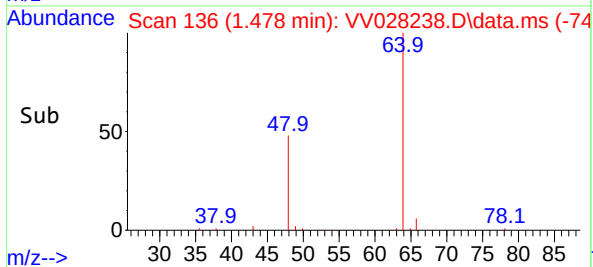
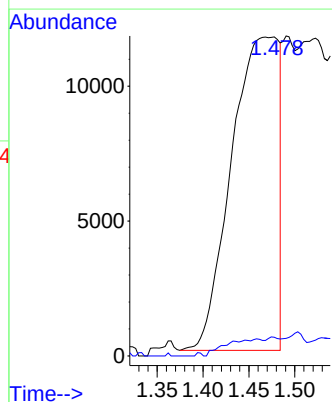
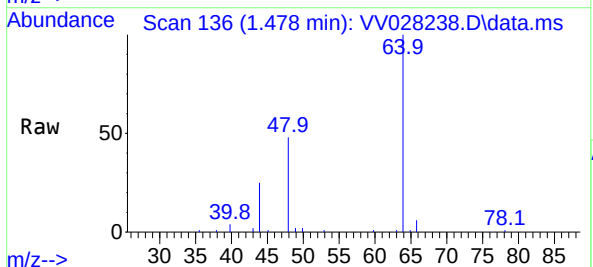
Instrument :
MSVOA_V
ClientSampleId :
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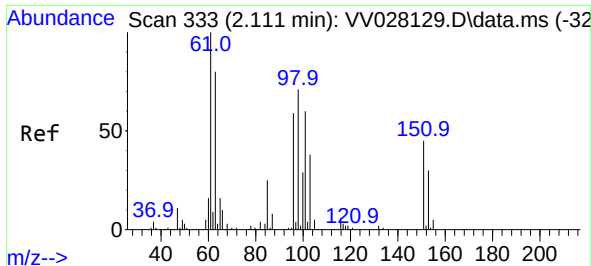
Tgt Ion: 94 Resp: 640
Ion Ratio Lower Upper
94 100
96 80.4 66.7 123.9



#8
Chloroethane
Concen: 5.498 ug/L
RT: 1.478 min Scan# 136
Delta R.T. -0.100 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

Tgt Ion: 64 Resp: 41700
Ion Ratio Lower Upper
64 100
66 5.9 23.0 42.8#

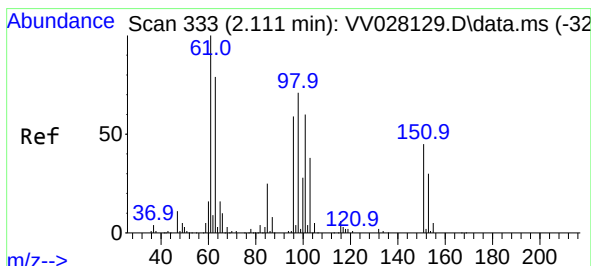
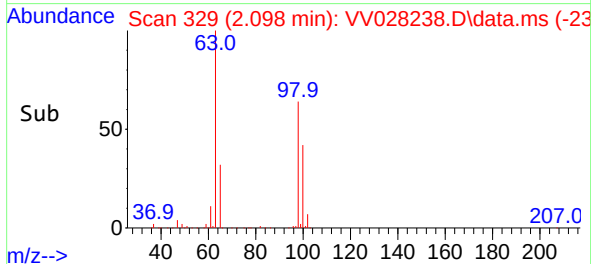
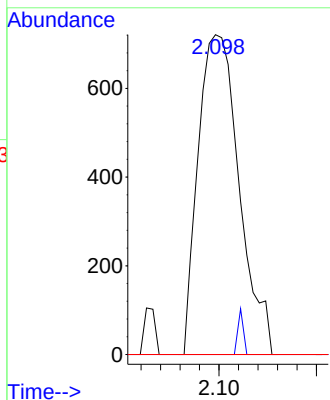
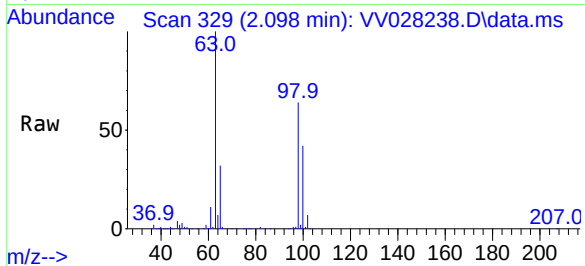




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.102 ug/L
 RT: 2.098 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV028238.D
 Acq: 30 Sep 2022 19:53

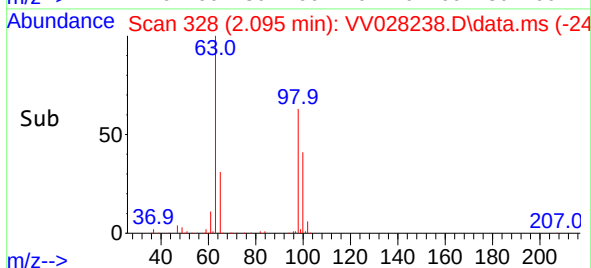
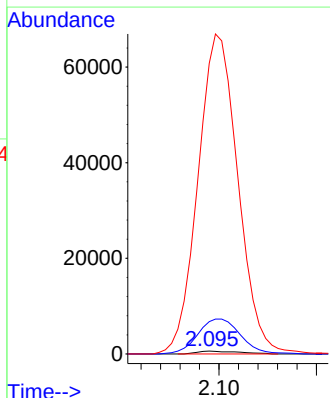
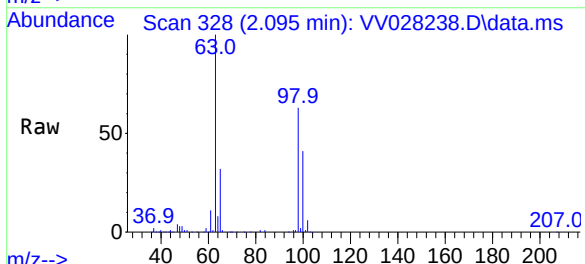
Instrument :
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 ClientSampleId :
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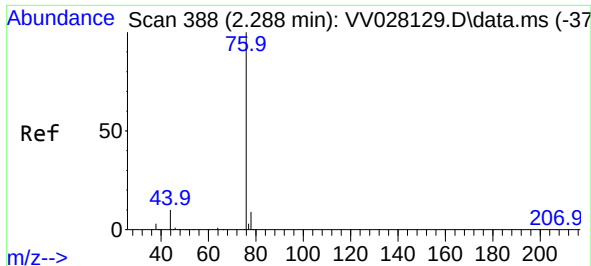
Tgt Ion:101 Resp: 1055
 Ion Ratio Lower Upper
 101 100
 85 1.9 34.4 51.6#
 151 0.0 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.089 ug/L
 RT: 2.095 min Scan# 328
 Delta R.T. -0.016 min
 Lab File: VV028238.D
 Acq: 30 Sep 2022 19:53

Tgt Ion: 96 Resp: 898
 Ion Ratio Lower Upper
 96 100
 61 1113.5 128.3 238.3#
 63 10012.5 112.7 209.3#

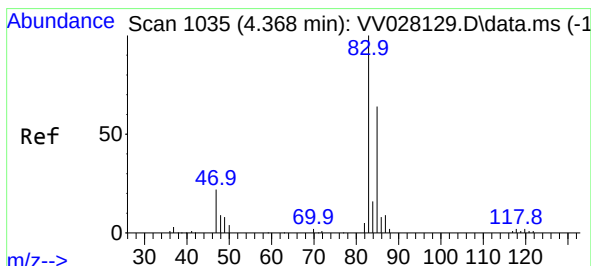
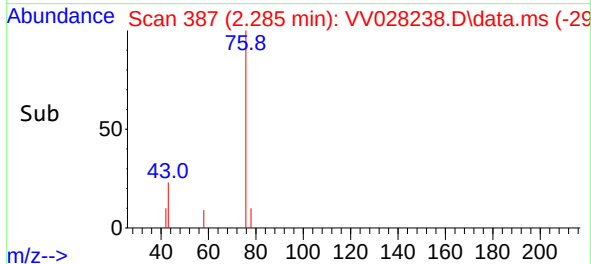
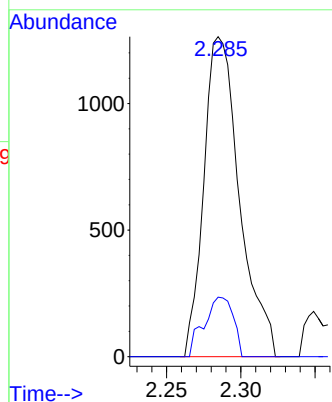
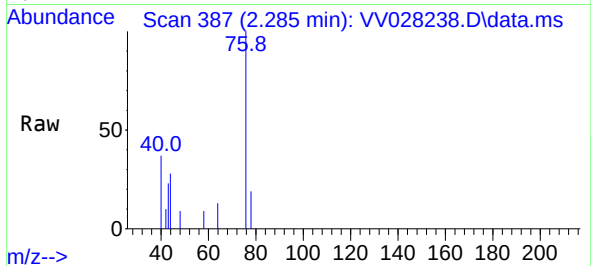




#14
Carbon disulfide
Concen: 0.109 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

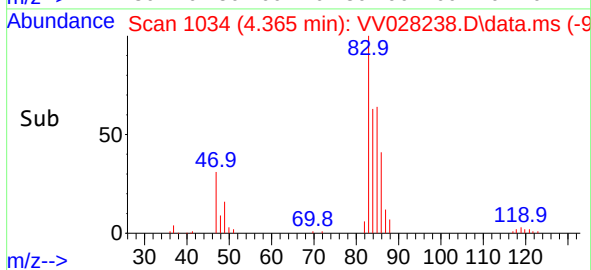
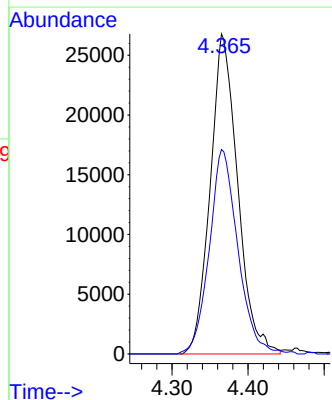
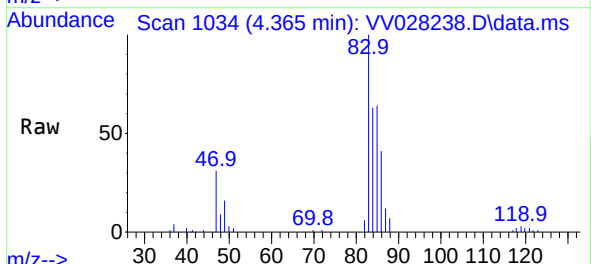
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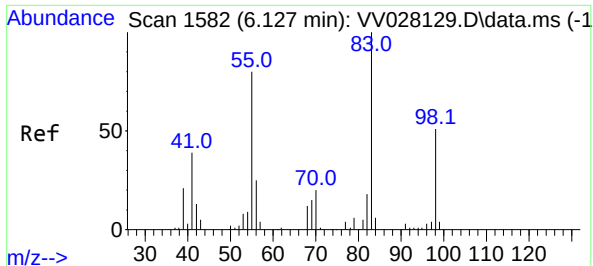
Tgt Ion: 76 Resp: 2115
Ion Ratio Lower Upper
76 100
78 18.6 7.6 11.4#



#25
Chloroform
Concen: 3.249 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

Tgt Ion: 83 Resp: 67115
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.7





#35

Methylcyclohexane

Concen: 1.215 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028238.D

Acq: 30 Sep 2022 19:53

Instrument :

MSVOA_V

ClientSampleId :

EXZ56

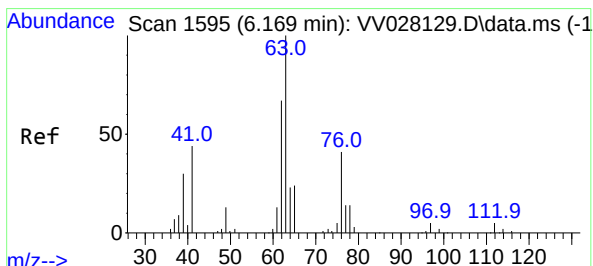
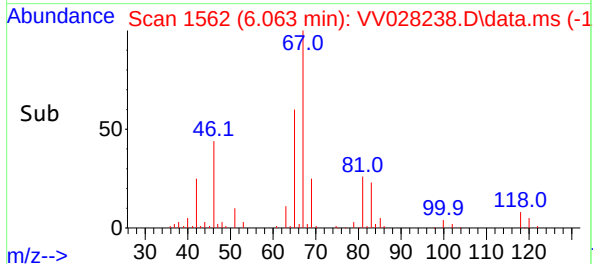
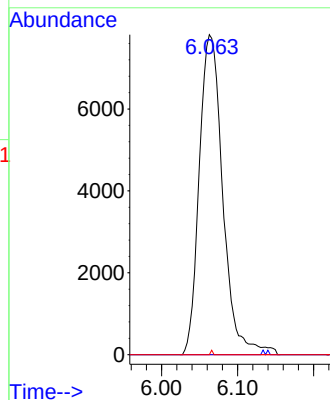
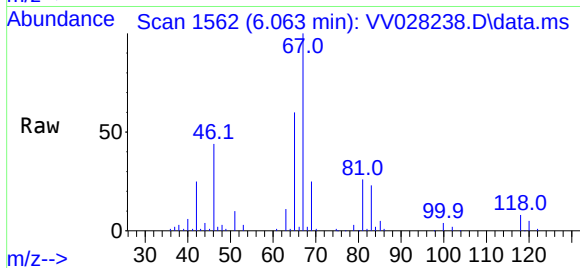
Tgt Ion: 83 Resp: 16828

Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 0.1 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028238.D

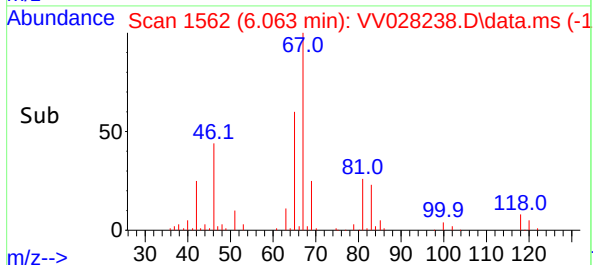
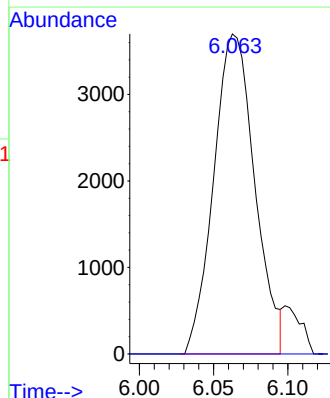
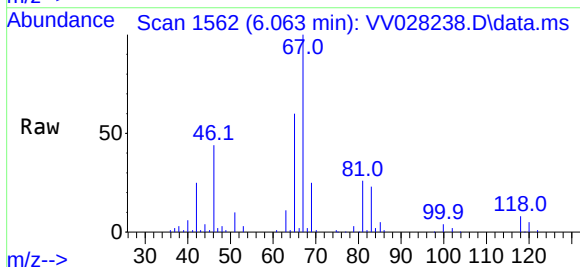
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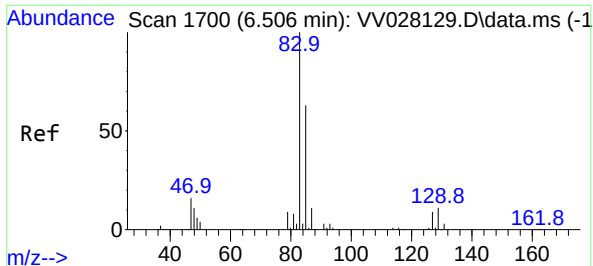
Tgt Ion: 63 Resp: 7123

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

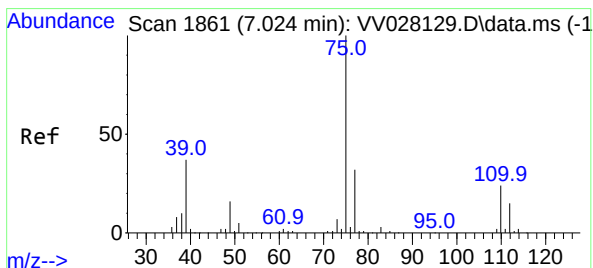
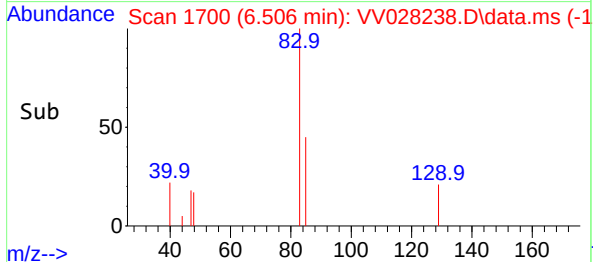
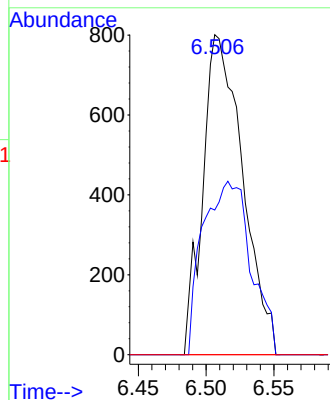
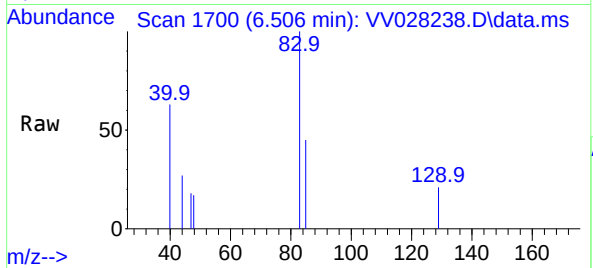




#38
Bromodichloromethane
Concen: 0.117 ug/L
RT: 6.506 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

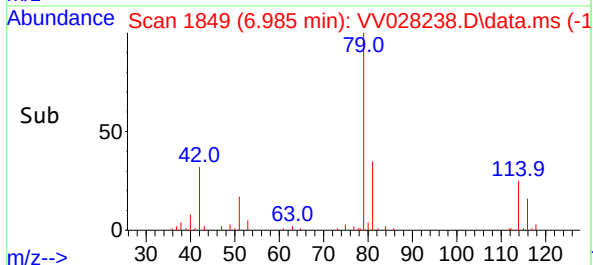
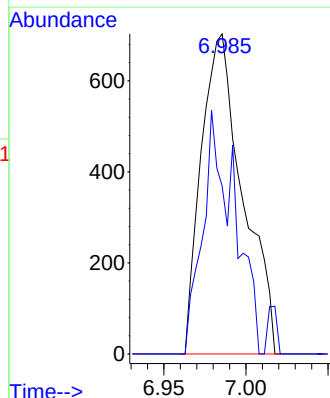
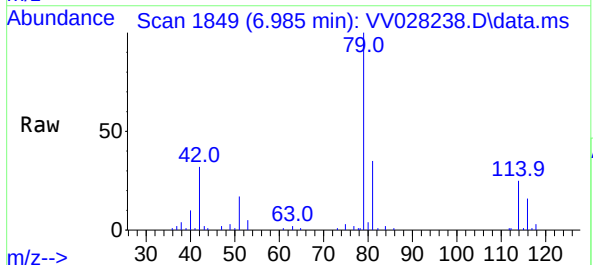
Instrument :
MSVOA_V
ClientSampleId :
EXZ56

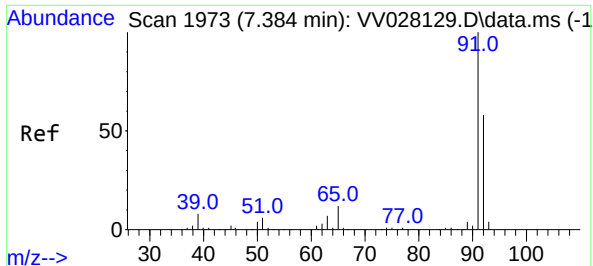
Tgt Ion: 83 Resp: 1640
Ion Ratio Lower Upper
83 100
85 45.2 43.8 81.4
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

Tgt Ion: 75 Resp: 1237
Ion Ratio Lower Upper
75 100
77 52.5 22.4 41.6#

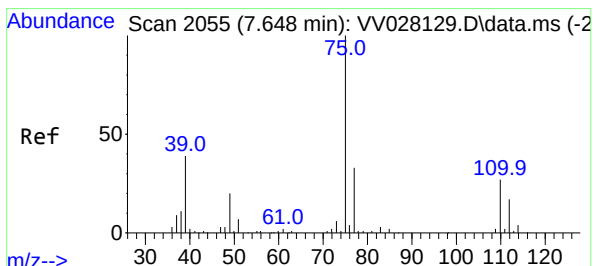
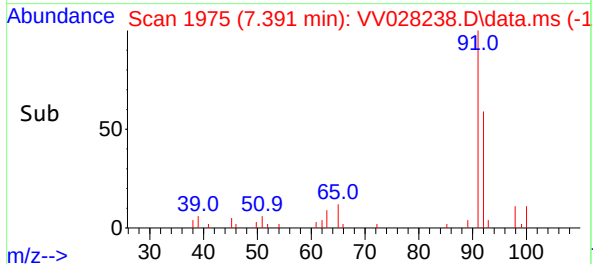
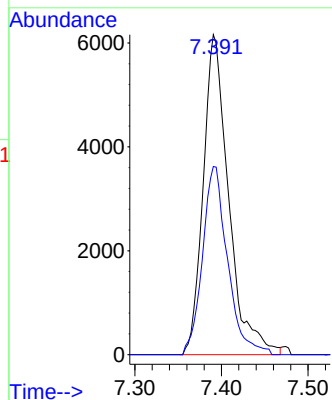
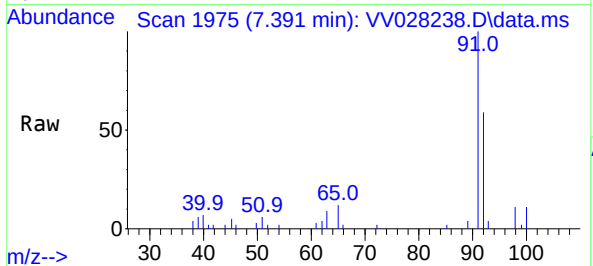




#42
Toluene
Concen: 0.297 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

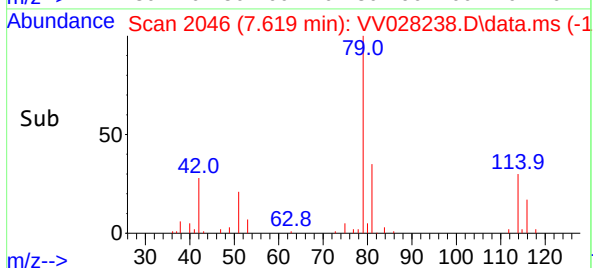
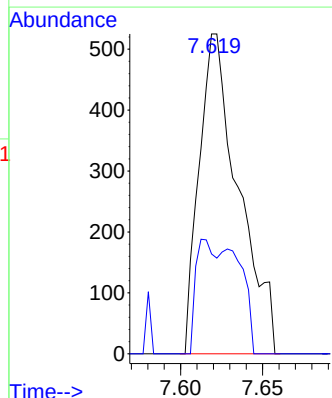
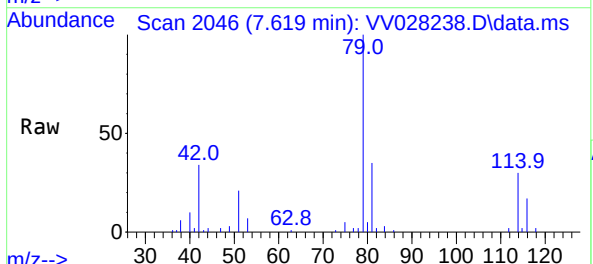
Instrument :
MSVOA_V
ClientSampleId :
EXZ56

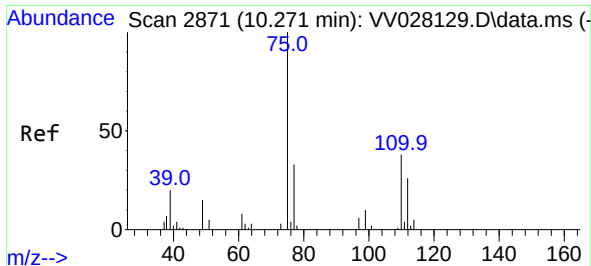
Tgt Ion: 91 Resp: 12582
Ion Ratio Lower Upper
91 100
92 58.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.026 min
Lab File: VV028238.D
Acq: 30 Sep 2022 19:53

Tgt Ion: 75 Resp: 875
Ion Ratio Lower Upper
75 100
77 31.2 23.9 44.3





#61

1,2,3-Trichloropropane

Concen: 1.077 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028238.D

Acq: 30 Sep 2022 19:53

Instrument :

MSVOA_V

ClientSampleId :

EXZ56

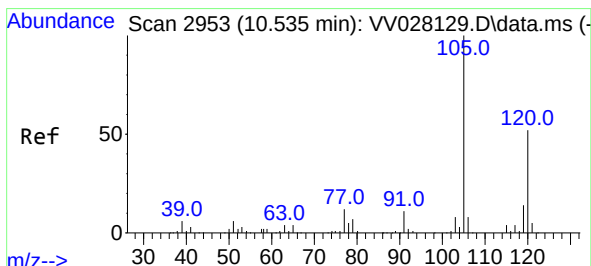
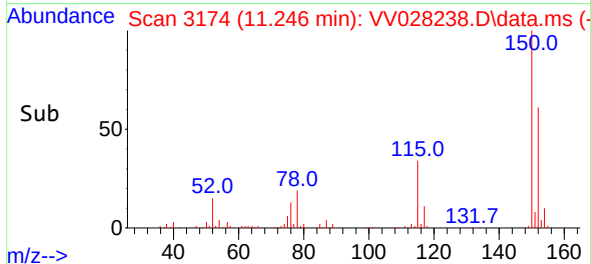
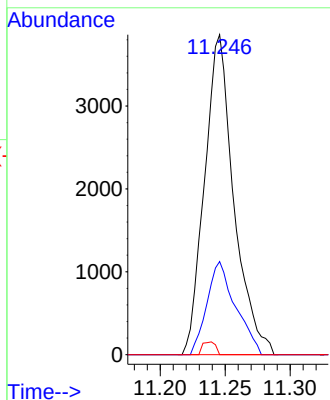
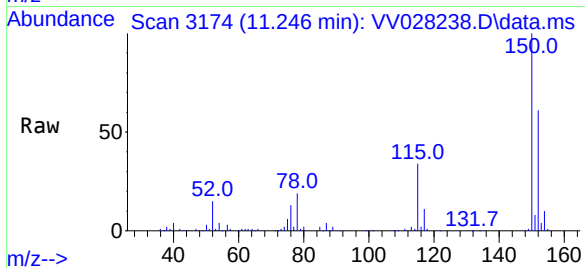
Tgt Ion: 75 Resp: 6048

Ion Ratio Lower Upper

75 100

77 28.4 26.7 40.1

110 1.8 30.1 45.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.036 ug/L

RT: 10.927 min Scan# 3075

Delta R.T. 0.392 min

Lab File: VV028238.D

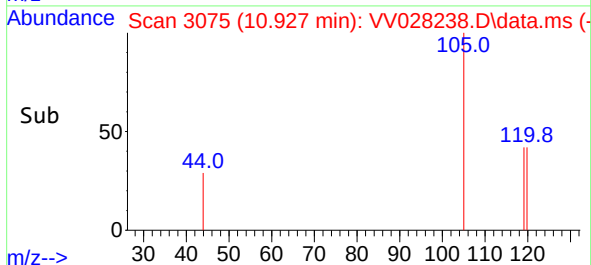
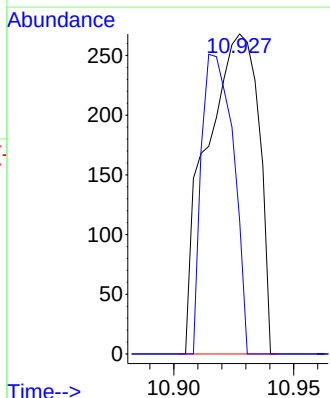
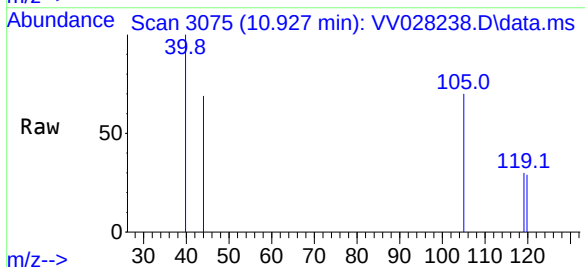
Acq: 30 Sep 2022 19:53

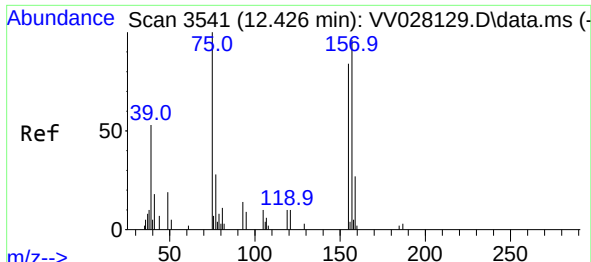
Tgt Ion: 105 Resp: 404

Ion Ratio Lower Upper

105 100

120 56.9 40.6 61.0





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.452 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.177 min
 Lab File: VV028238.D
 Acq: 30 Sep 2022 19:53

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ56

Tgt Ion: 75 Resp: 556
 Ion Ratio Lower Upper
 75 100
 155 56.2 73.6 110.4#
 157 0.0 90.7 136.1#

