

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112921\
 Data File : VV023740.D
 Acq On : 29 Nov 2021 12:47
 Operator : SY/MD
 Sample : VV1129WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 30 00:22:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 30 00:21:36 2021
 Response via : Initial Calibration

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

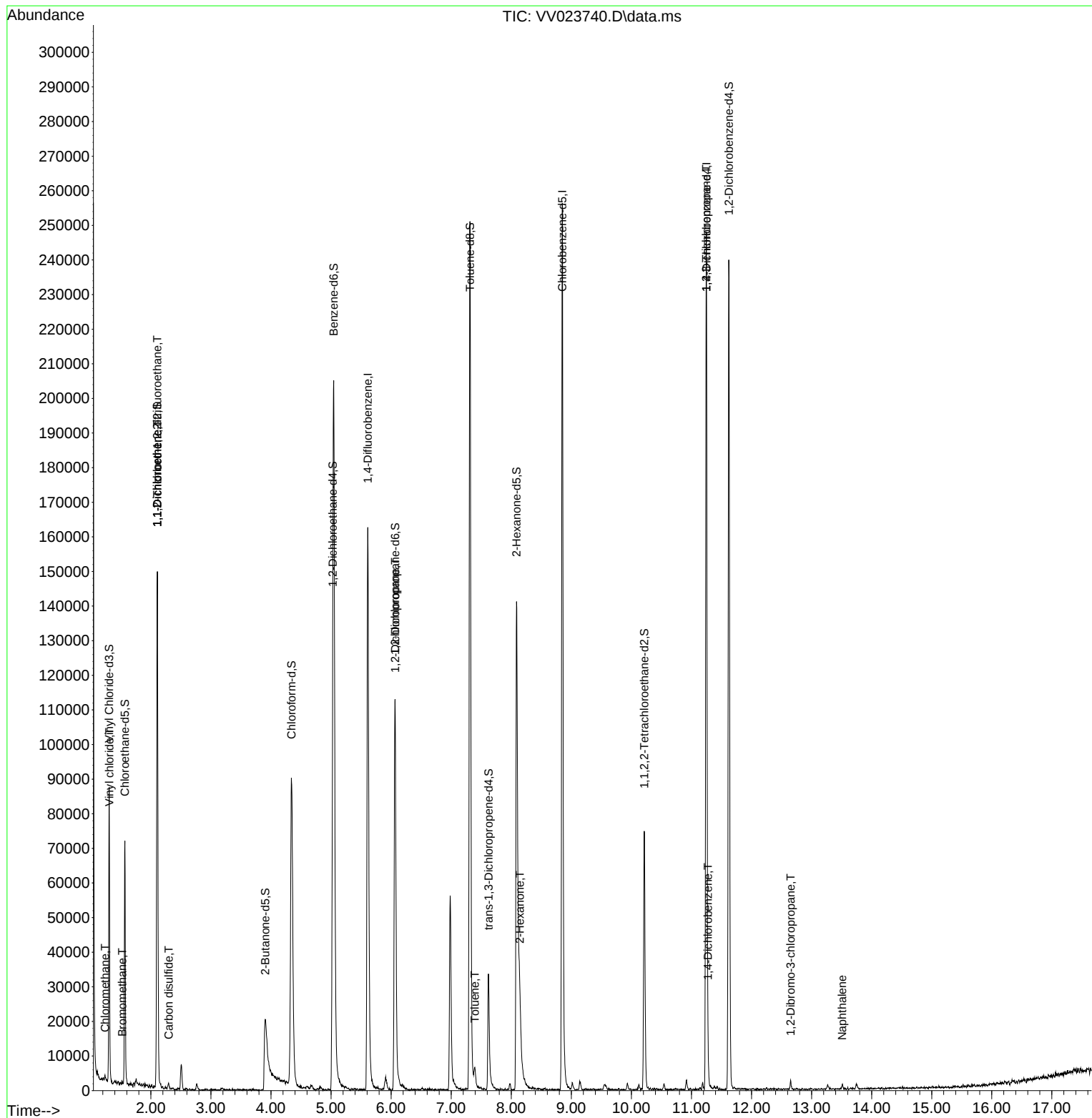
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	145135	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50684	4.254	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.568	69	41082	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.108	63	73923	3.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.905	46	51119	35.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.380%
24) Chloroform-d	4.342	84	93569	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.027	65	45242	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.043	84	190826	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.066	67	53793	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.313	98	174906	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.622	79	19980	4.494	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.088	63	61518	41.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34828	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66100	5.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	704	0.059	ug/L	94
5) Vinyl chloride	1.310	62	717	0.057	ug/L #	1
6) Bromomethane	1.523	94	447	0.063	ug/L	77
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1067	0.104	ug/L #	36
12) 1,1-Dichloroethene	2.108	96	1087	0.112	ug/L #	1
14) Carbon disulfide	2.298	76	1762	0.054	ug/L #	84
37) 1,2-Dichloropropane	6.069	63	6443	0.658	ug/L #	84
42) Toluene	7.394	91	3956	0.089	ug/L	93
48) 2-Hexanone	8.143	43	7023	2.034	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	7441	1.536	ug/L #	65
65) 1,4-Dichlorobenzene	11.275	146	1075	0.051	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.651	75	70	0.073	ug/L #	1
71) Naphthalene	13.509	128	1528	0.090	ug/L #	90

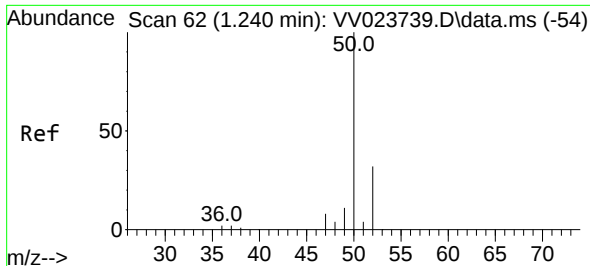
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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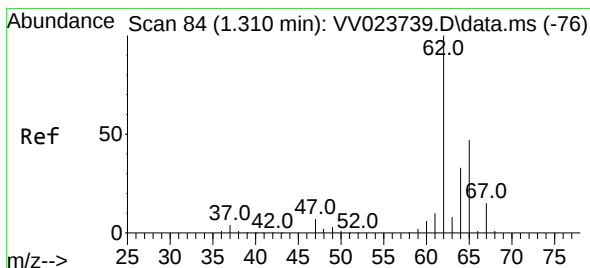
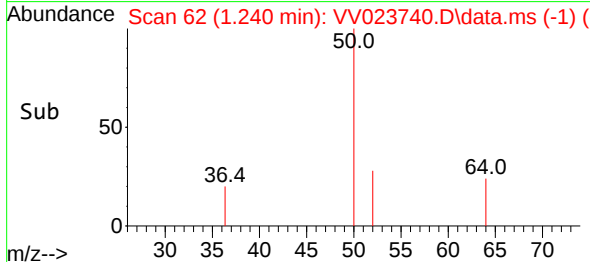
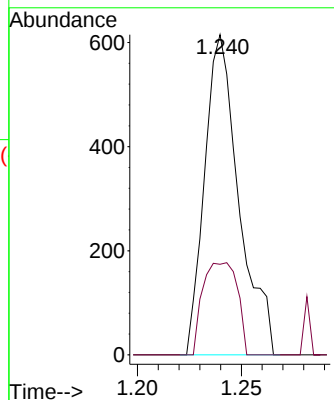
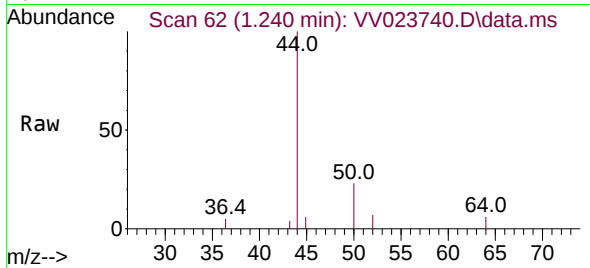




#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

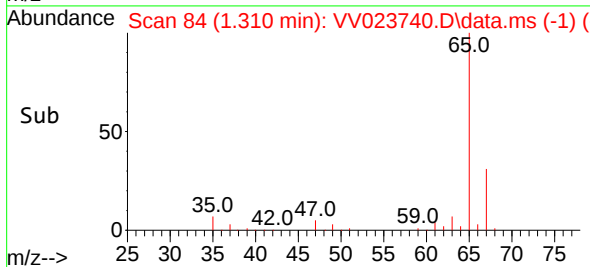
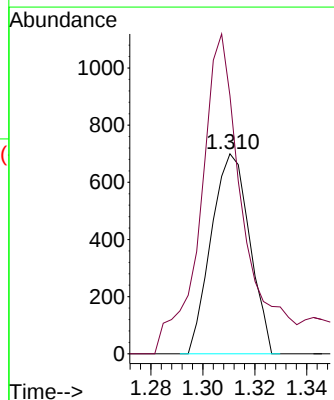
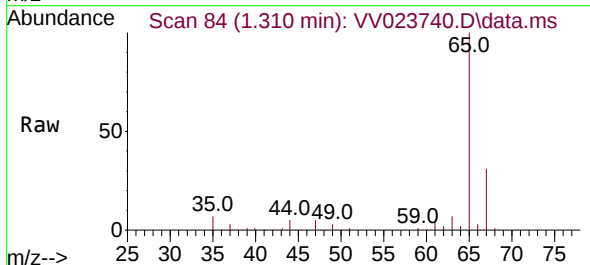
Instrument :
MSVOA_V
ClientSampleId :

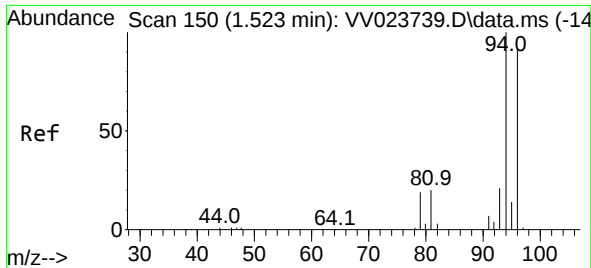
Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 28.3 22.0 41.0



#5
Vinyl chloride
Concen: 0.057 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

Tgt Ion: 62 Resp: 717
Ion Ratio Lower Upper
62 100
64 129.0 22.4 41.6#

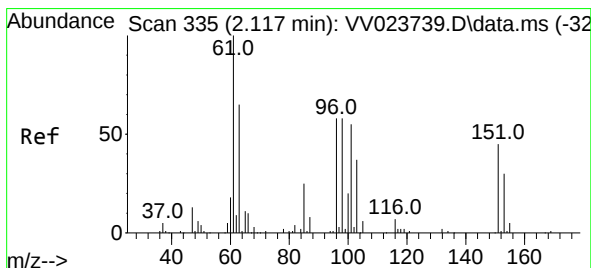
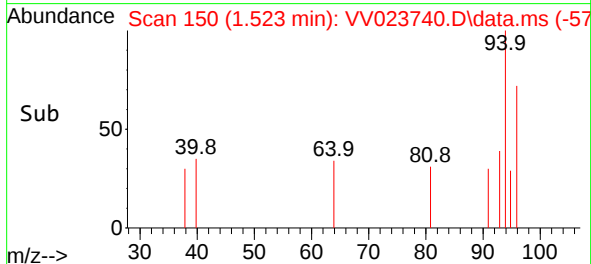
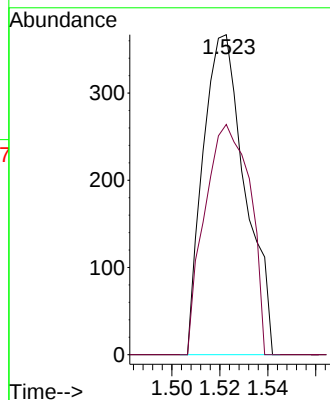
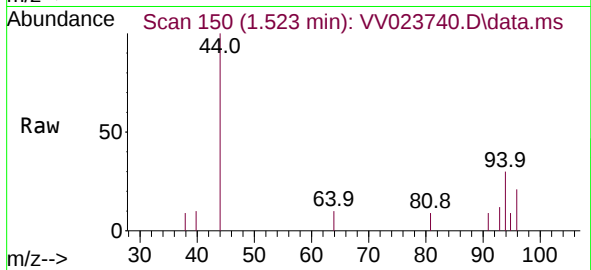




#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

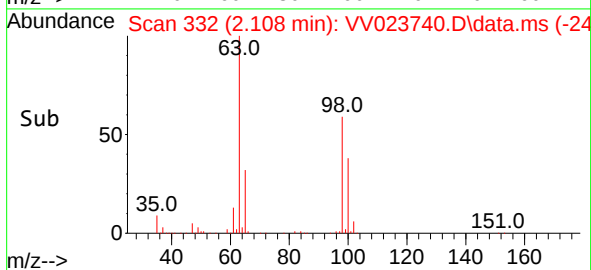
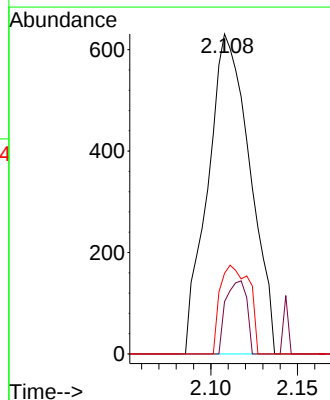
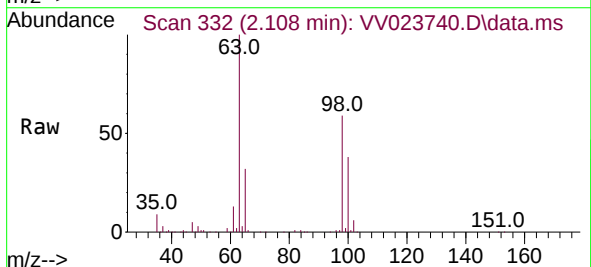
Instrument :
MSVOA_V
ClientSampleId :

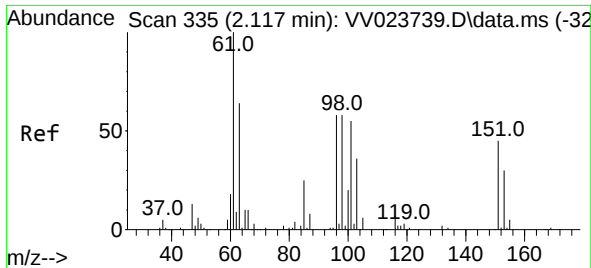
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 71.9 66.2 123.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.104 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

Tgt Ion:101 Resp: 1067
Ion Ratio Lower Upper
101 100
85 11.2 36.0 54.0#
151 19.1 66.4 99.6#

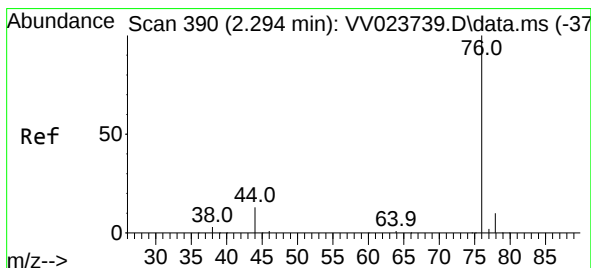
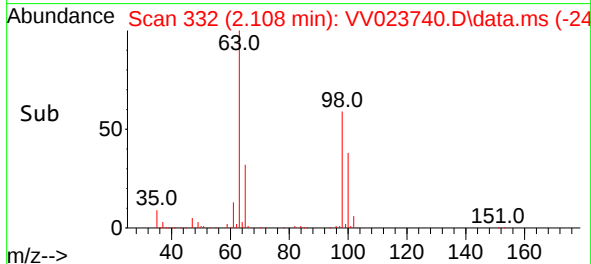
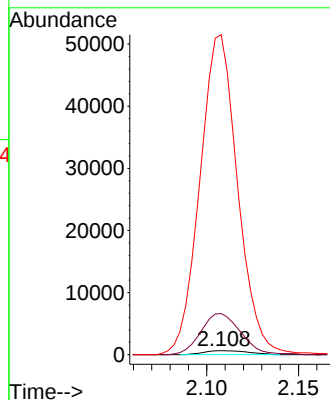
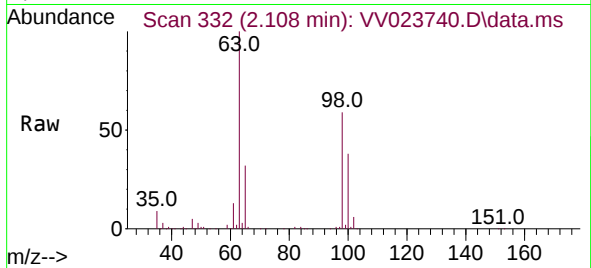




#12
1,1-Dichloroethene
Concen: 0.112 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

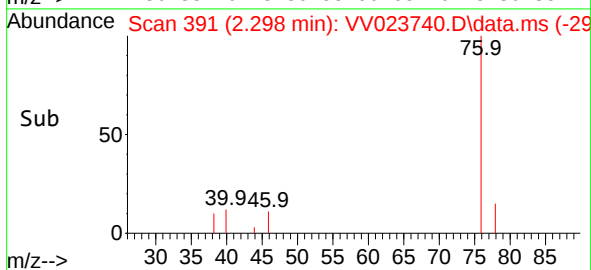
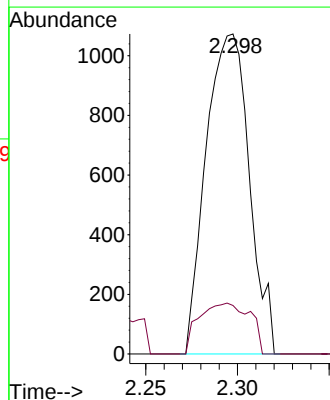
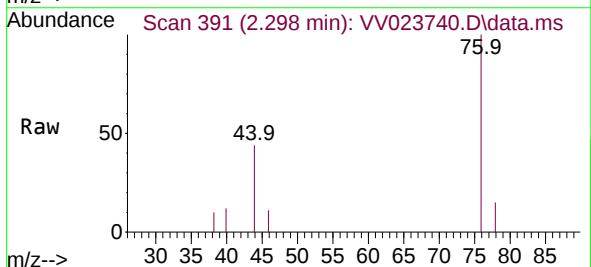
Instrument :
MSVOA_V
ClientSampleId :

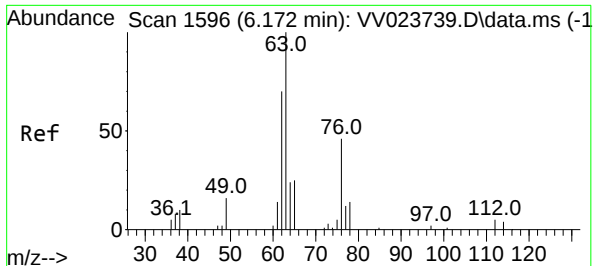
Tgt Ion: 96 Resp: 1087
Ion Ratio Lower Upper
96 100
61 1010.9 116.1 215.5#
63 7878.9 79.4 147.4#



#14
Carbon disulfide
Concen: 0.054 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

Tgt Ion: 76 Resp: 1762
Ion Ratio Lower Upper
76 100
78 15.2 7.5 11.3#





#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023740.D

Acq: 29 Nov 2021 12:47

Instrument :

MSVOA_V

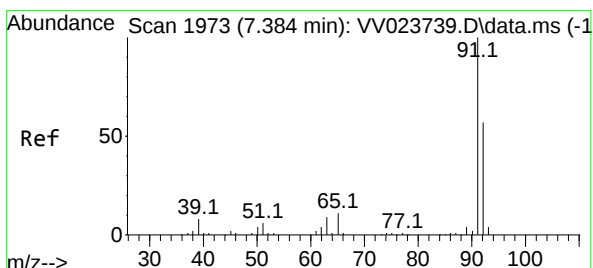
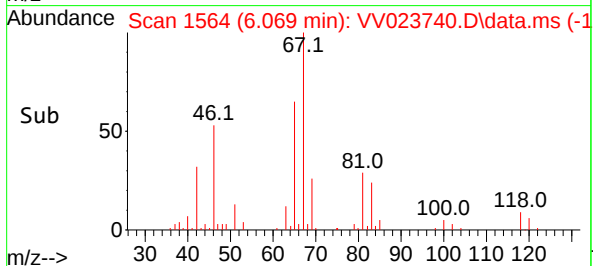
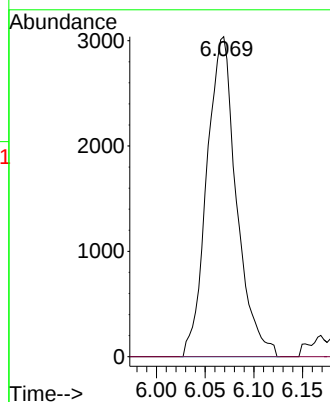
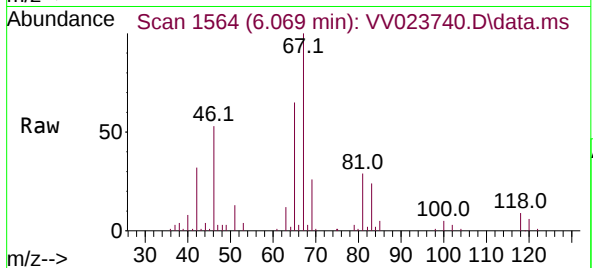
ClientSampleId :

Tgt Ion: 63 Resp: 6443

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.089 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV023740.D

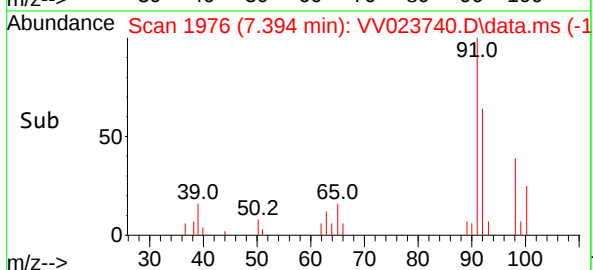
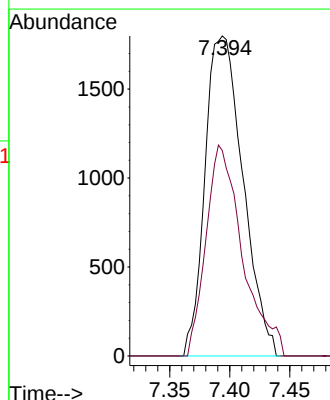
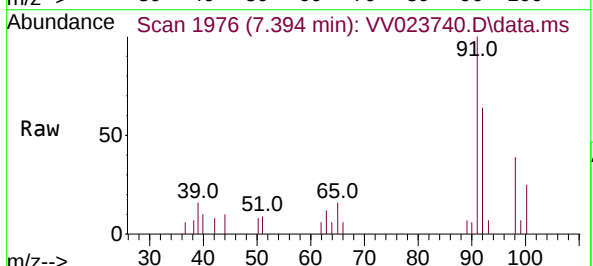
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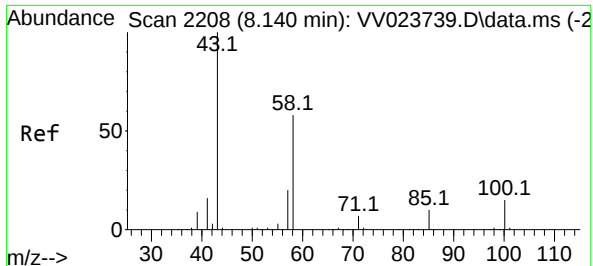
Tgt Ion: 91 Resp: 3956

Ion Ratio Lower Upper

91 100

92 64.2 41.5 77.1

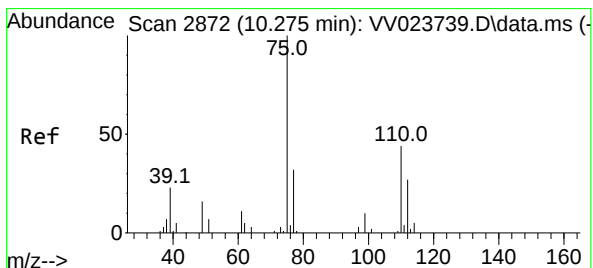
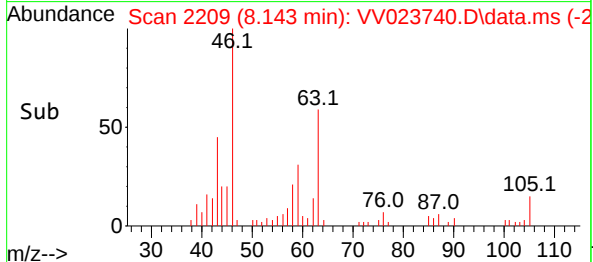
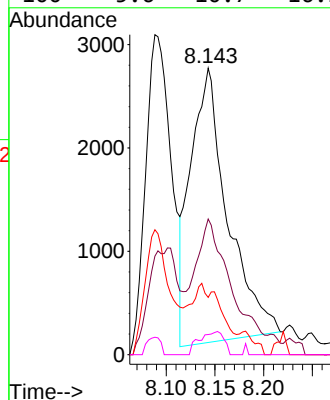
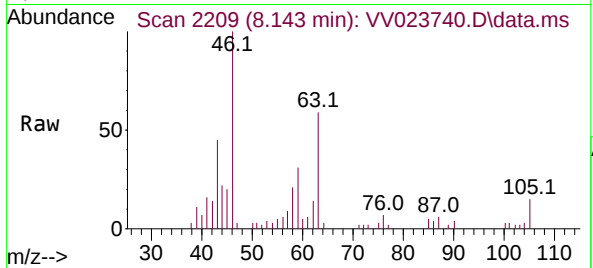




#48
2-Hexanone
Concen: 2.034 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

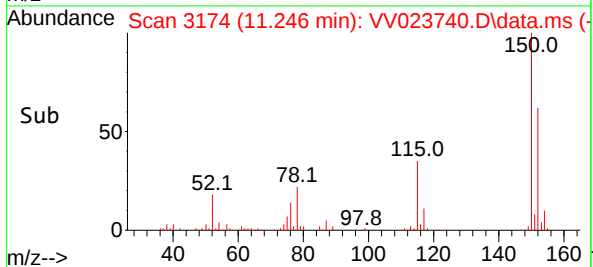
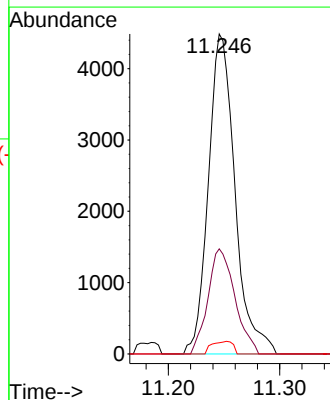
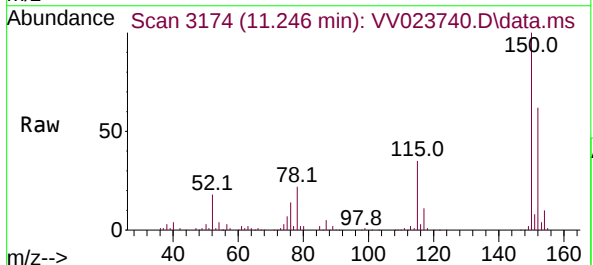
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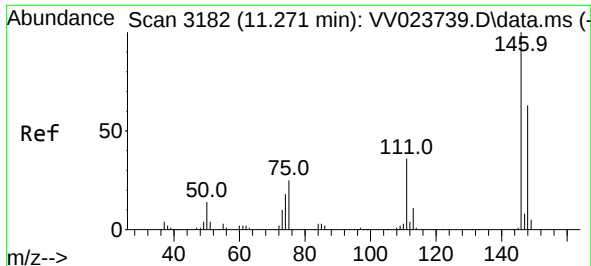
Tgt Ion: 43	Resp:	7023
Ion	Ratio	Lower Upper
43	100	
58	50.8	44.5 66.7
57	2.2	15.1 22.7#
100	5.6	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 1.536 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

Tgt Ion: 75	Resp:	7441
Ion	Ratio	Lower Upper
75	100	
77	33.2	26.4 39.6
110	3.1	34.2 51.2#

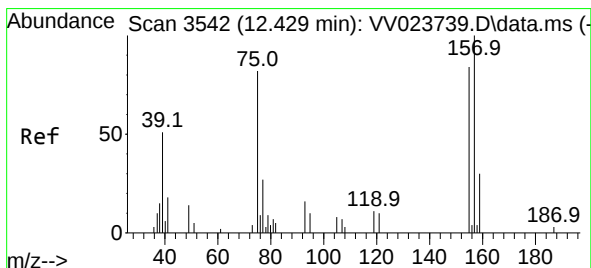
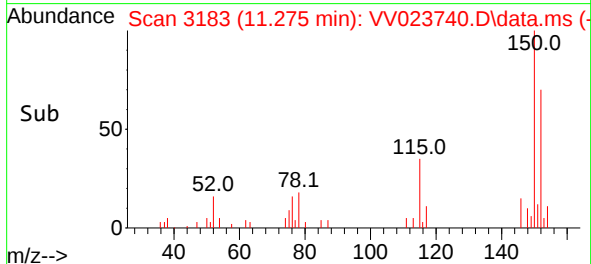
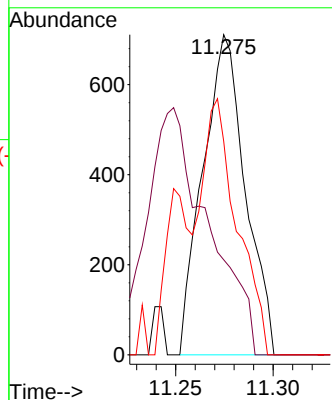
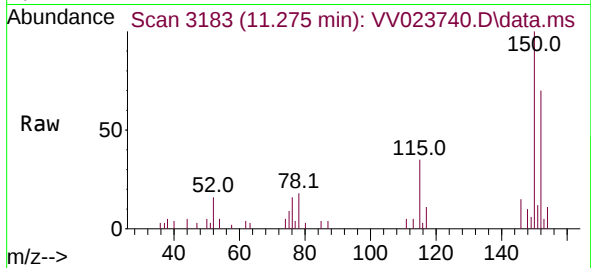




#65
1,4-Dichlorobenzene
Concen: 0.051 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

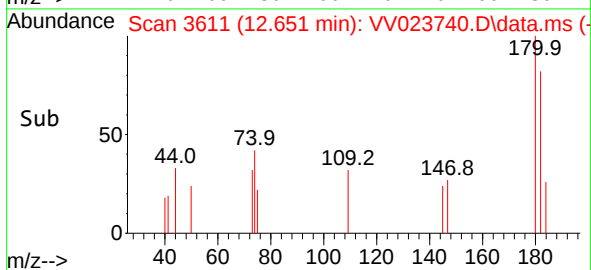
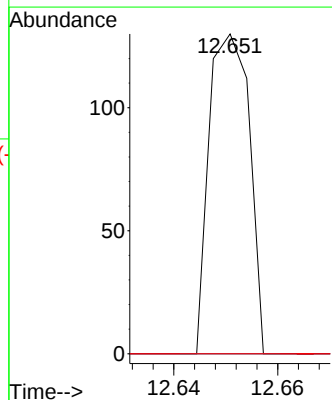
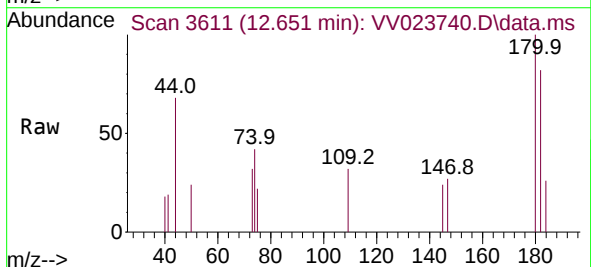
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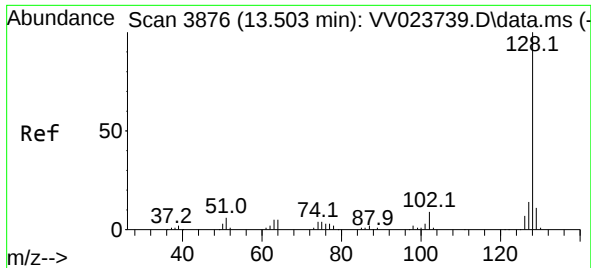
Tgt Ion:146 Resp: 1075
Ion Ratio Lower Upper
146 100
111 29.7 25.6 47.6
148 66.7 44.8 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.073 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.222 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

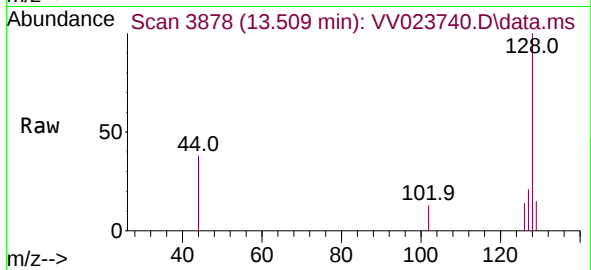
Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 0.0 103.3 154.9#





#71
Naphthalene
Concen: 0.090 ug/L
RT: 13.509 min Scan# 3876
Delta R.T. 0.007 min
Lab File: VV023740.D
Acq: 29 Nov 2021 12:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1528
Ion Ratio Lower Upper
128 100
129 5.2 9.0 13.4#
127 10.6 10.2 15.4

