

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027734.D
 Acq On : 02 Sep 2022 19:51
 Operator : SY/MD
 Sample : N4418-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 05:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	111702	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	107893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47684	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57081	4.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.568	69	52984	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.105	63	88758	3.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.896	46	72104	35.144	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.280%
24) Chloroform-d	4.346	84	114244	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.031	65	57328	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.047	84	209905	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.066	67	62738	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.313	98	167342	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.622	79	19810	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.088	63	78931	49.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39958	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	59050	5.531	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%

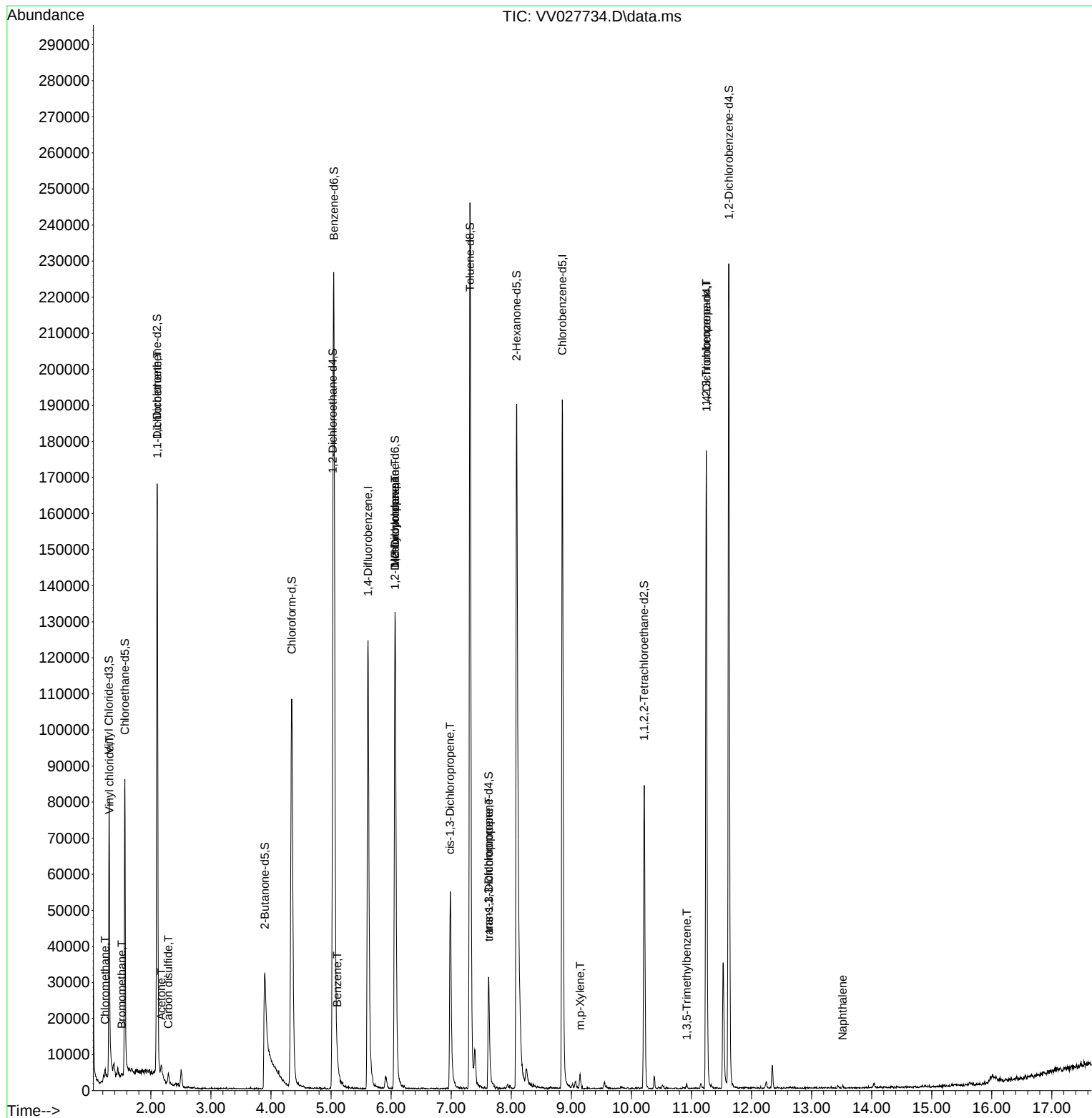
Target Compounds				Qvalue		
3) Chloromethane	1.240	50	1406	0.096	ug/L #	60
5) Vinyl chloride	1.311	62	568	0.041	ug/L #	1
6) Bromomethane	1.516	94	572	0.088	ug/L #	48
12) 1,1-Dichloroethene	2.108	96	900	0.097	ug/L #	1
13) Acetone	2.175	43	5805	4.181	ug/L	71
14) Carbon disulfide	2.291	76	3729	0.127	ug/L	96
33) Benzene	5.105	78	1851	0.044	ug/L	100
35) Methylcyclohexane	6.066	83	15815	0.985	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	7568	0.712	ug/L #	89
39) cis-1,3-Dichloropropene	6.982	75	1559	0.120	ug/L #	60
44) trans-1,3-Dichloropropene	7.629	75	806	0.076	ug/L #	52
53) m,p-Xylene	9.146	106	1026	0.063	ug/L	79
61) 1,2,3-Trichloropropane	11.246	75	5228	1.084	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.921	105	818	0.083	ug/L	89
71) Naphthalene	13.519	128	783	0.054	ug/L #	68

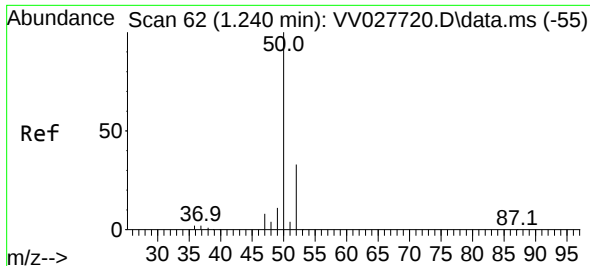
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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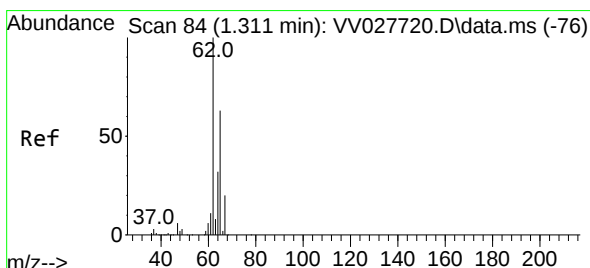
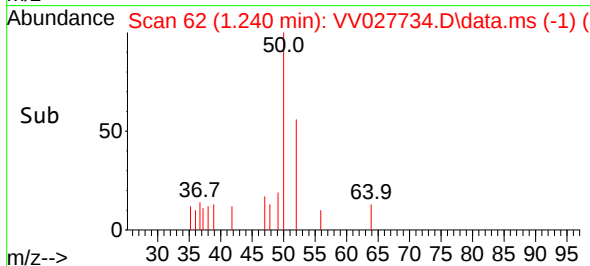
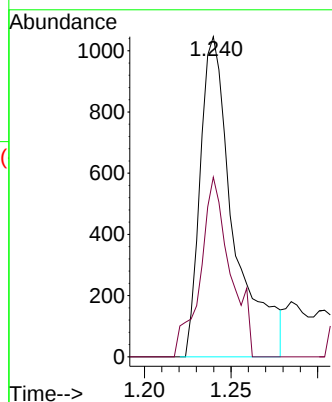
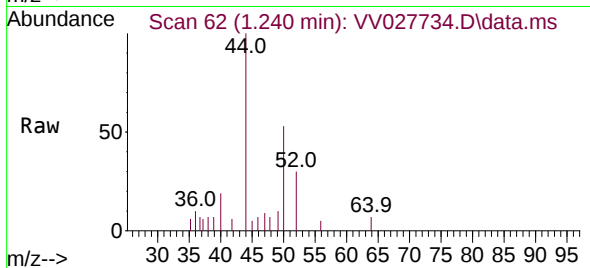




#3
Chloromethane
Concen: 0.096 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

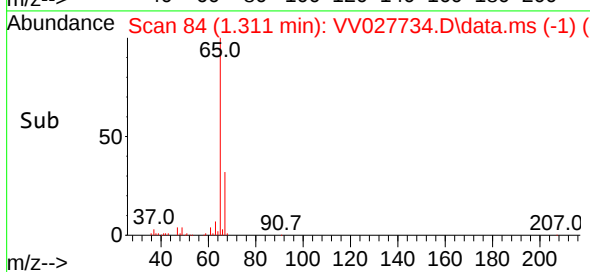
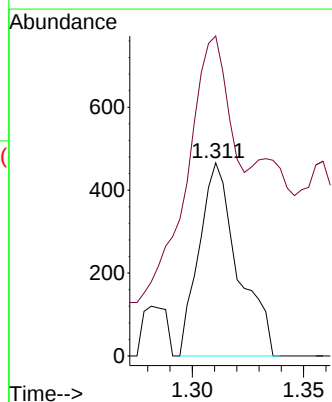
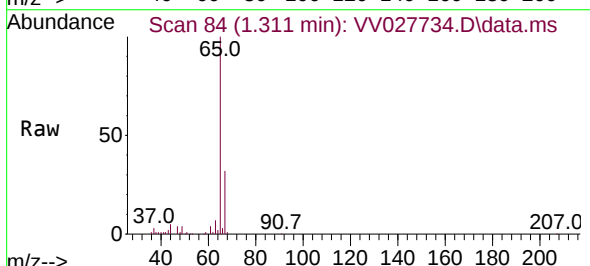
Instrument :
MSVOA_V
ClientSampleId :

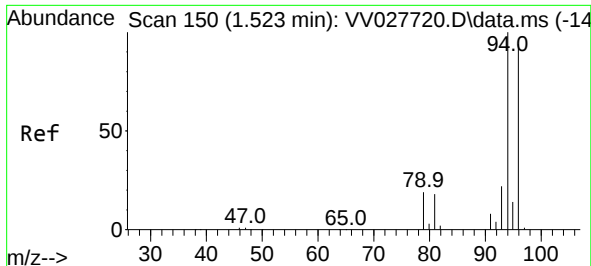
Tgt Ion: 50 Resp: 1406
Ion Ratio Lower Upper
50 100
52 56.1 23.5 43.7#



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

Tgt Ion: 62 Resp: 568
Ion Ratio Lower Upper
62 100
64 165.7 21.8 40.4#

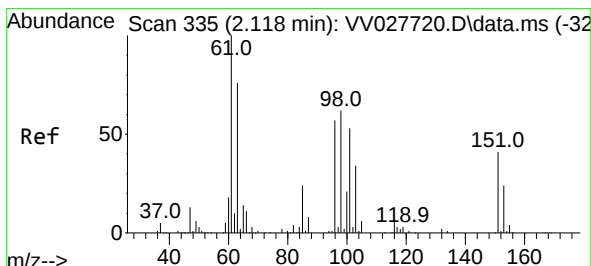
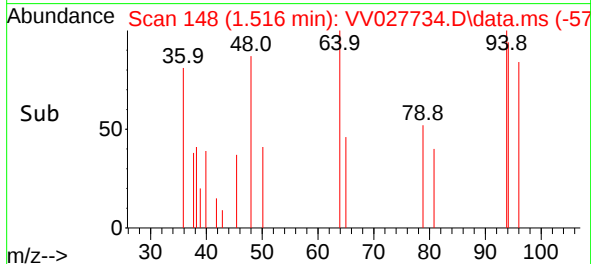
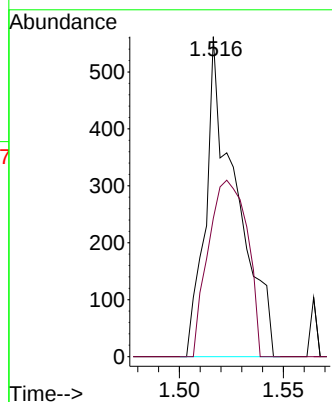
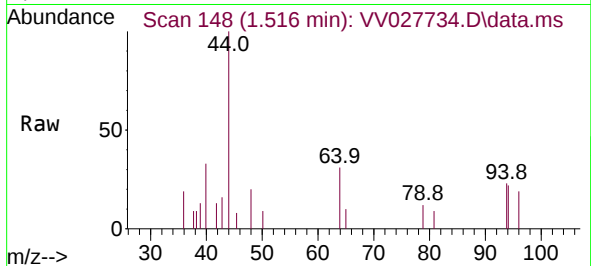




#6
Bromomethane
Concen: 0.088 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

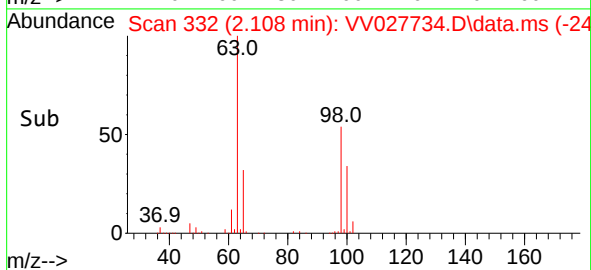
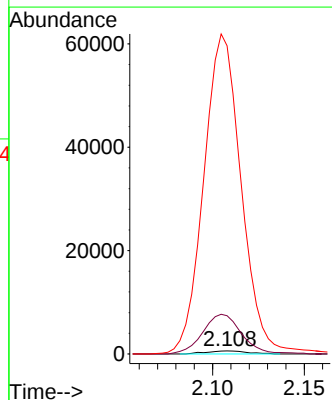
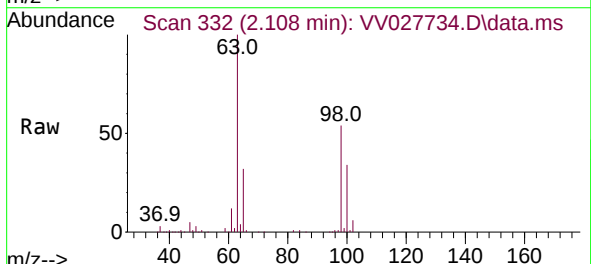
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ClientSampleId :

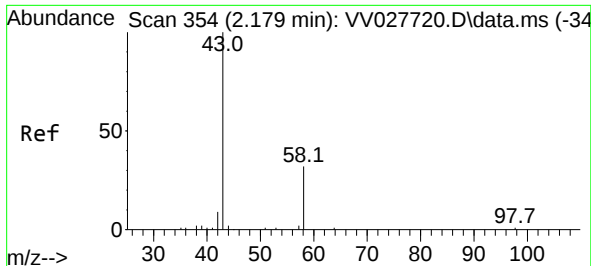
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 43.2 65.1 120.9#



#12
1,1-Dichloroethene
Concen: 0.097 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

Tgt Ion: 96 Resp: 900
Ion Ratio Lower Upper
96 100
61 1247.1 134.3 249.3#
63 10040.4 105.7 196.3#

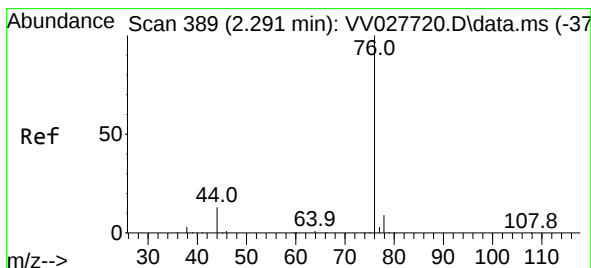
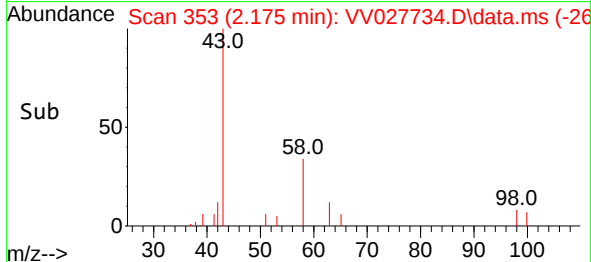
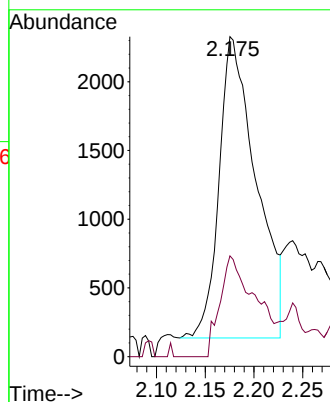
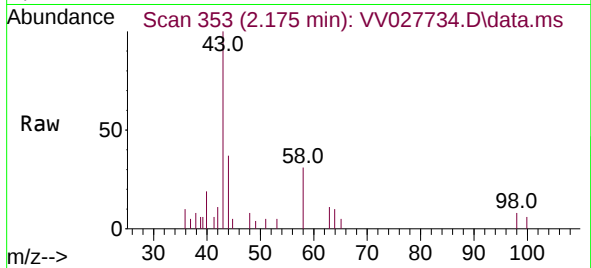




#13
Acetone
Concen: 4.181 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

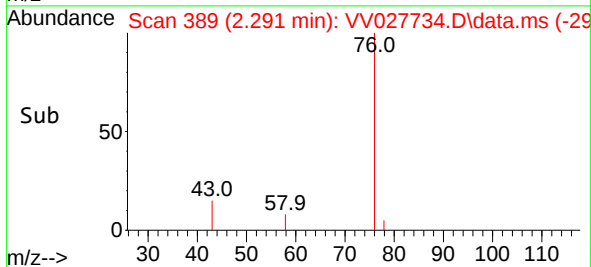
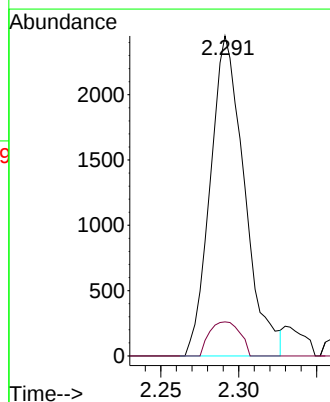
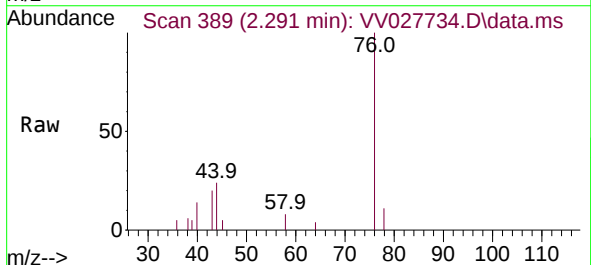
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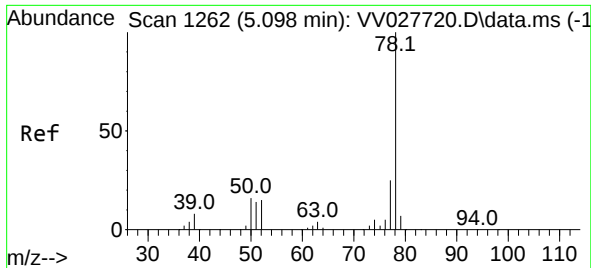
Tgt Ion: 43 Resp: 5805
Ion Ratio Lower Upper
43 100
58 32.3 0.0 38.4



#14
Carbon disulfide
Concen: 0.127 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

Tgt Ion: 76 Resp: 3729
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

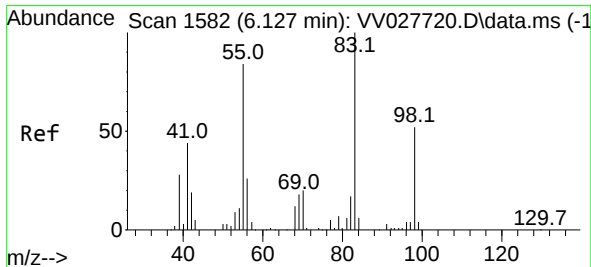
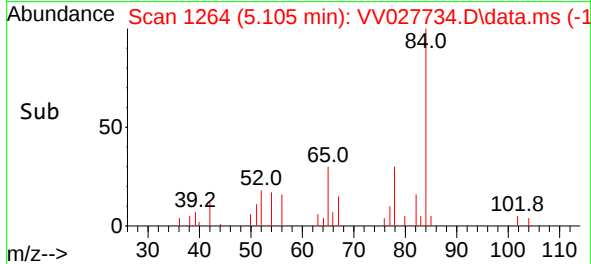
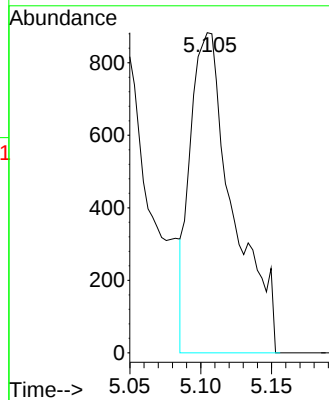
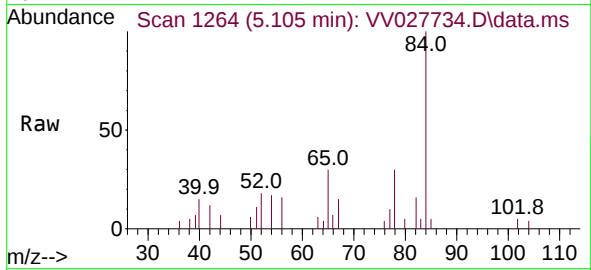




#33
Benzene
Concen: 0.044 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

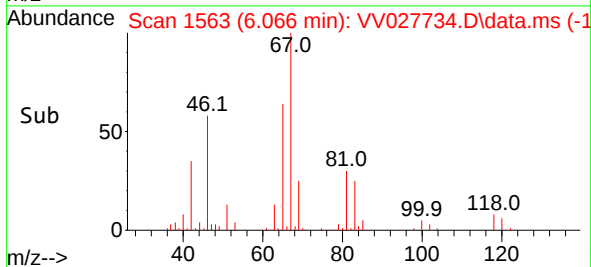
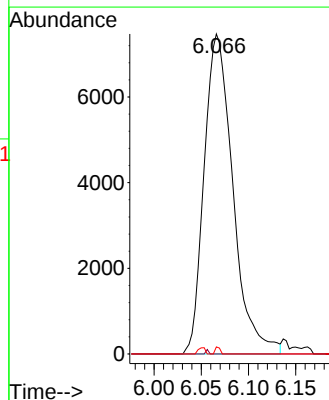
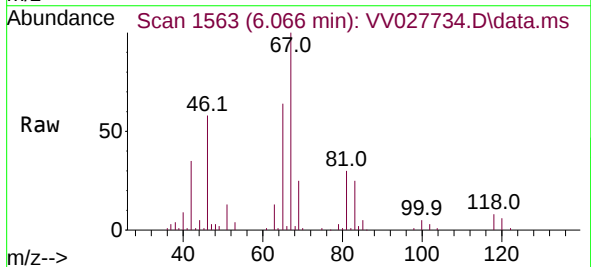
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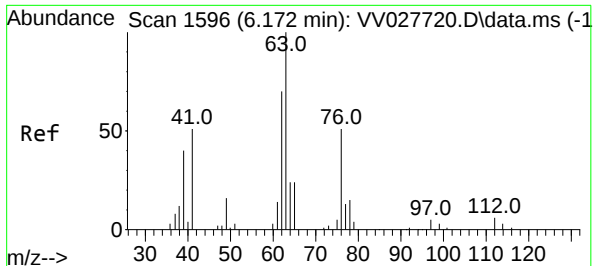
Tgt Ion: 78 Resp: 1851



#35
Methylcyclohexane
Concen: 0.985 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

Tgt Ion: 83 Resp: 15815
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 0.4 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.712 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV027734.D

Acq: 02 Sep 2022 19:51

Instrument :

MSVOA_V

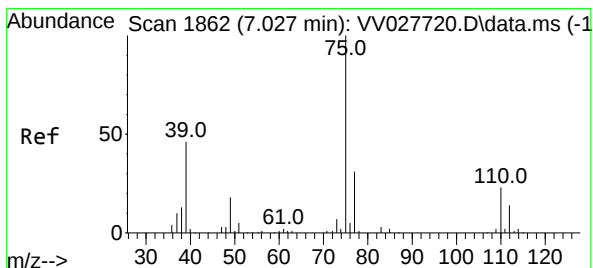
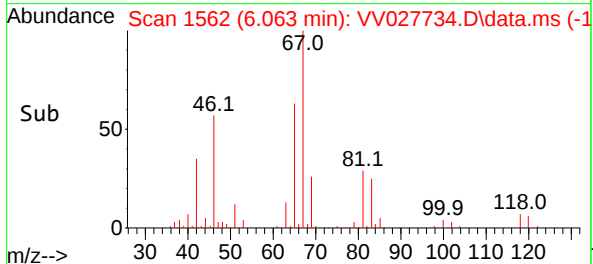
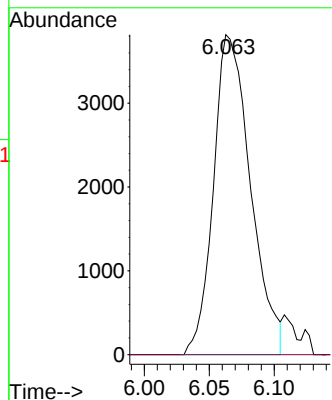
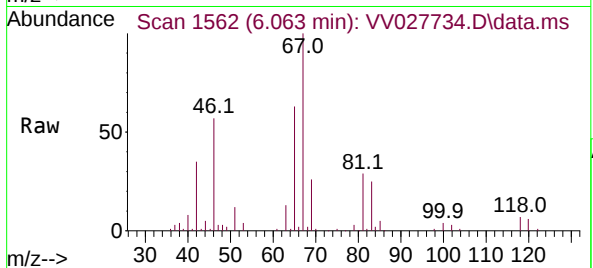
ClientSampleId :

Tgt Ion: 63 Resp: 7568

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV027734.D

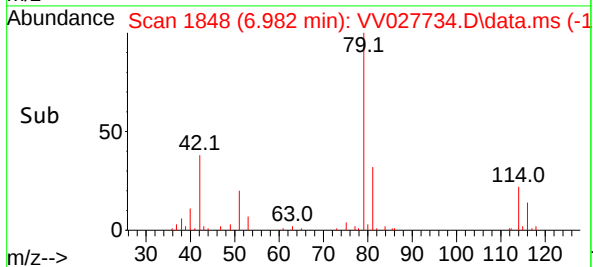
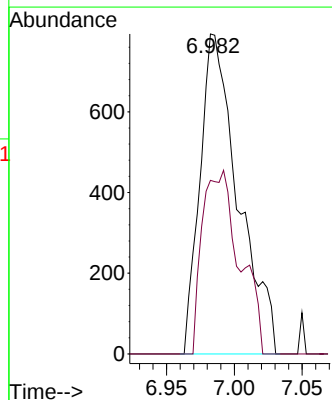
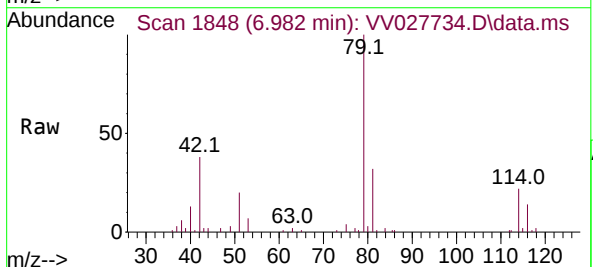
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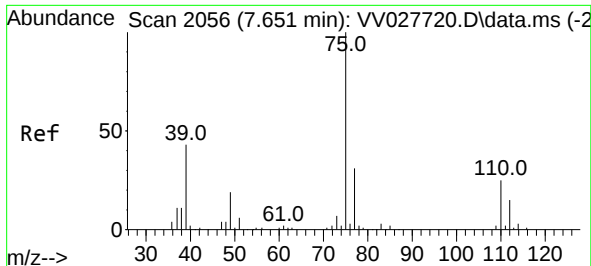
Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

77 54.2 22.3 41.3#

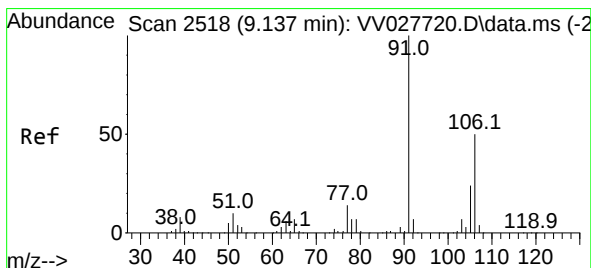
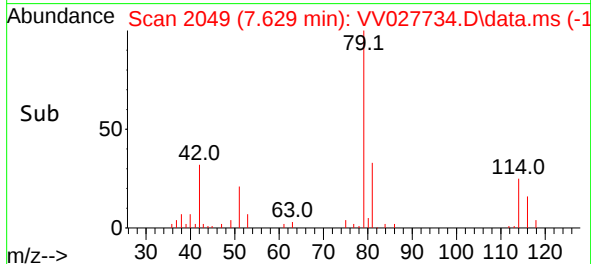
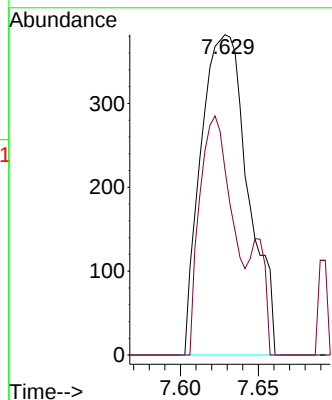
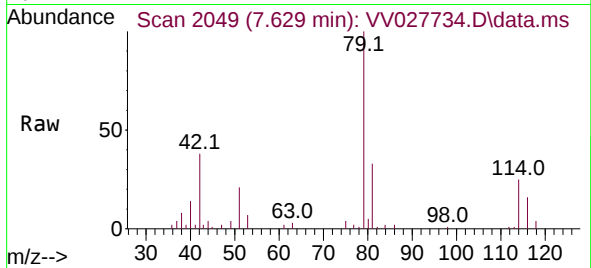




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

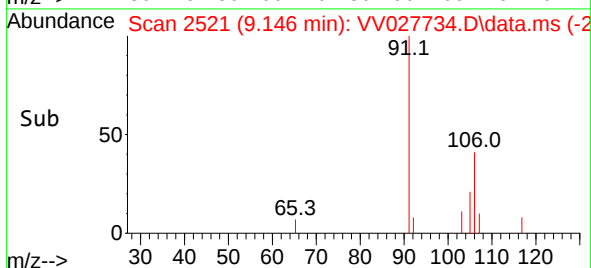
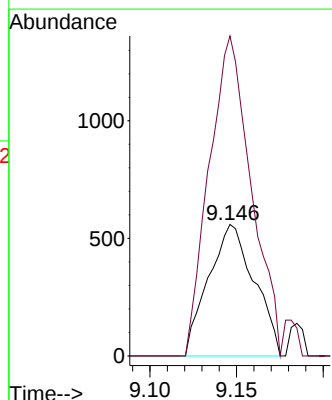
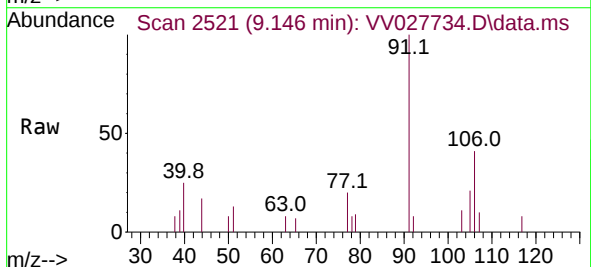
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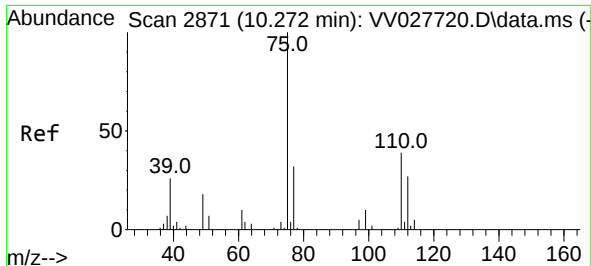
Tgt Ion: 75 Resp: 806
Ion Ratio Lower Upper
75 100
77 57.9 22.0 41.0#



#53
m,p-Xylene
Concen: 0.063 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

Tgt Ion: 106 Resp: 1026
Ion Ratio Lower Upper
106 100
91 243.5 147.3 273.5

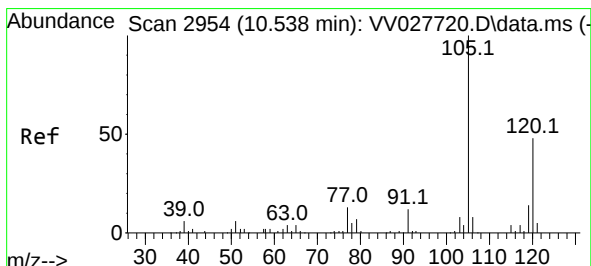
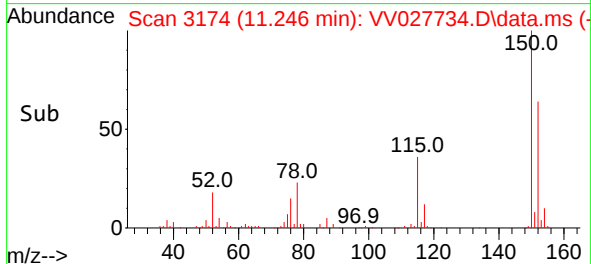
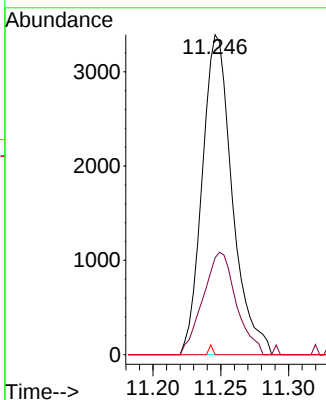
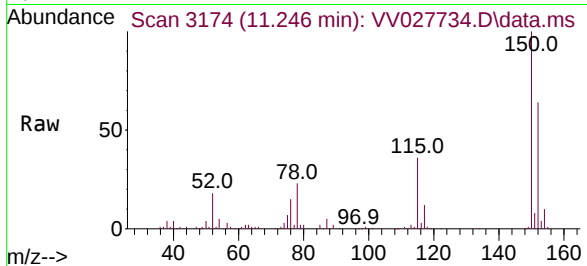




#61
 1,2,3-Trichloropropane
 Concen: 1.084 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV027734.D
 Acq: 02 Sep 2022 19:51

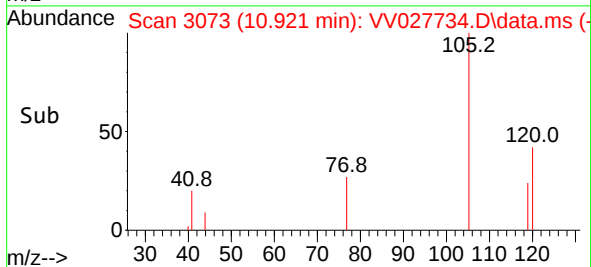
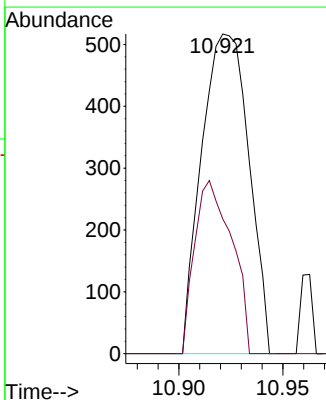
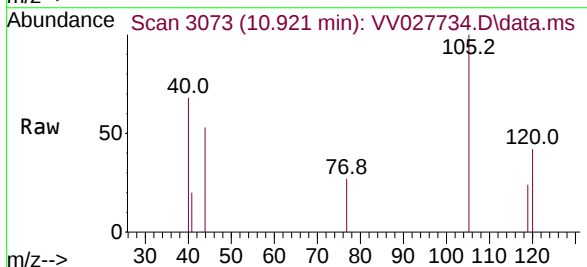
Instrument :
 MSVOA_V
 ClientSampleId :

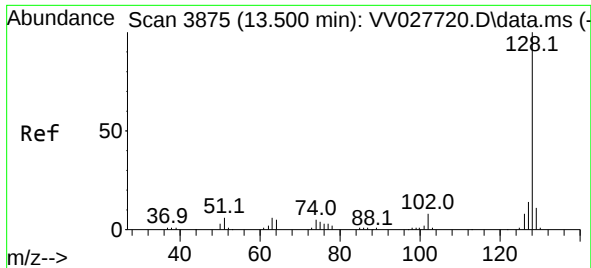
Tgt Ion: 75 Resp: 5228
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.8 38.6
 110 0.4 29.8 44.8#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.083 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV027734.D
 Acq: 02 Sep 2022 19:51

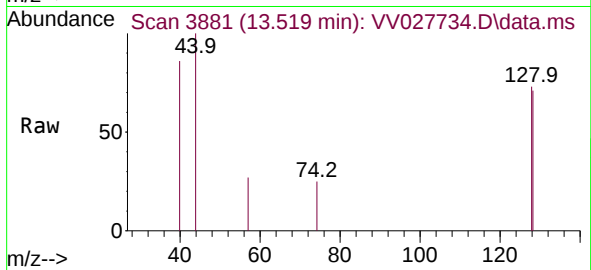
Tgt Ion: 105 Resp: 818
 Ion Ratio Lower Upper
 105 100
 120 42.5 40.4 60.6





#71
Naphthalene
Concen: 0.054 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.019 min
Lab File: VV027734.D
Acq: 02 Sep 2022 19:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 783
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.9 16.3#

