

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029034.D
 Acq On : 16 Nov 2022 22:33
 Operator : SY/MD
 Sample : N5604-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E3

Quant Time: Nov 17 05:34:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	262885	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	241717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	112132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81075	5.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.568	69	60376	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.105	63	105803	3.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.886	46	148229	55.251	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.500%
24) Chloroform-d	4.342	84	162435	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.027	65	78482	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.047	84	357633	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.066	67	102323	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.310	98	325813	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.622	79	33272	5.064	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.088	63	124145	44.262	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72384	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	119893	5.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1038	0.057	ug/L	95
5) Vinyl chloride	1.310	62	3042	0.147	ug/L #	1
6) Bromomethane	1.523	94	1000	0.081	ug/L	97
8) Chloroethane	1.304	64	6330	0.519	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	99249	2.909	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	6215	0.337	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	93275	4.971	ug/L	99
25) Chloroform	4.365	83	5654	0.179	ug/L	79
34) Trichloroethene	5.912	95	82666	4.372	ug/L	97
35) Methylcyclohexane	6.066	83	24849	0.748	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	10620	0.623	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2212	0.093	ug/L	84
49) Dibromochloromethane	7.985	129	642	0.048	ug/L #	10
53) m,p-Xylene	9.143	106	2925	0.089	ug/L	100
61) 1,2,3-Trichloropropane	11.242	75	11488	1.499	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.918	105	2437	0.040	ug/L	98

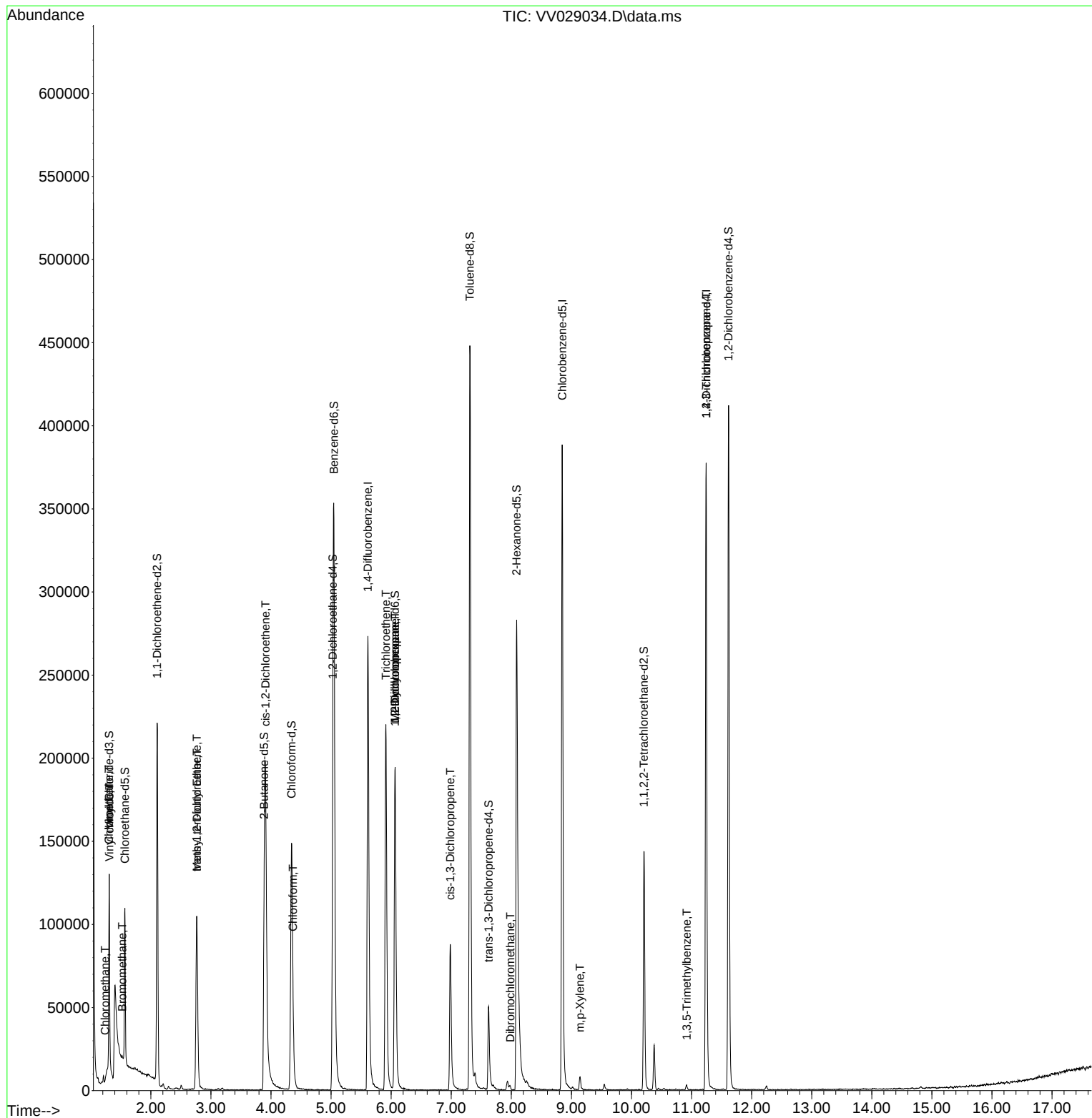
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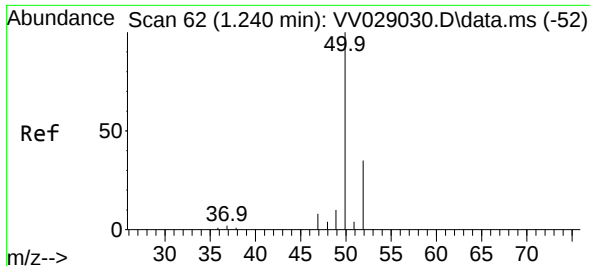
Instrument :
MSVOA_V
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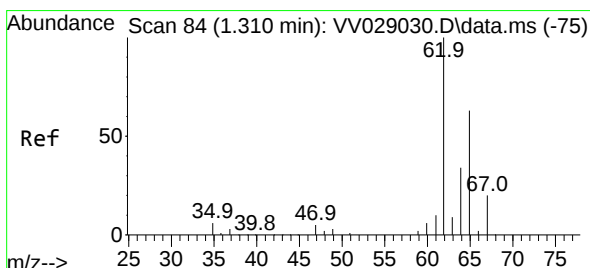
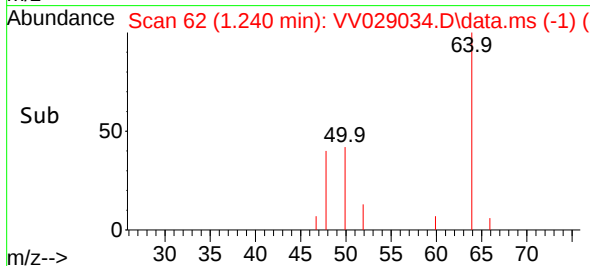
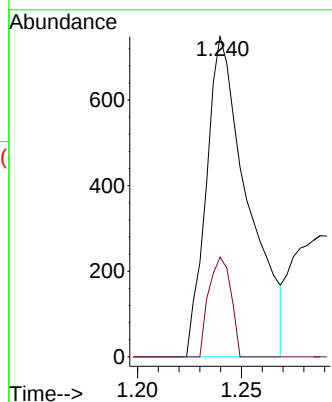
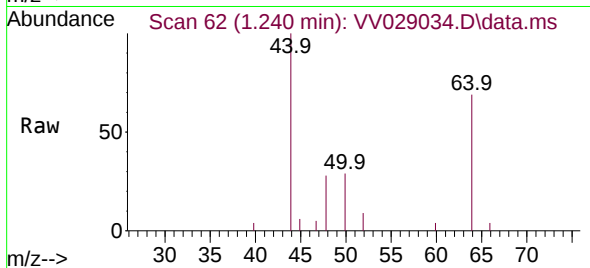




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

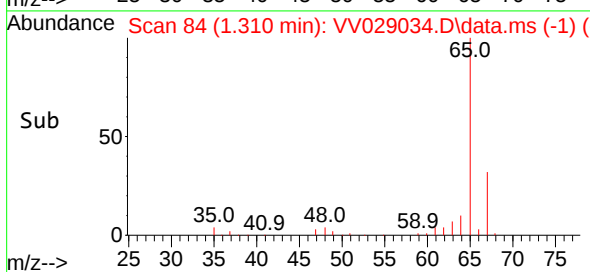
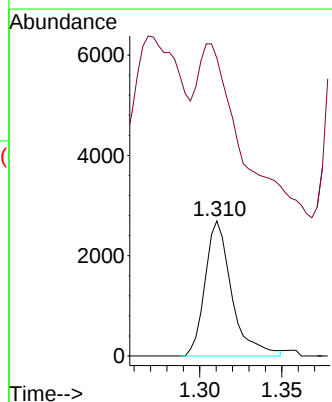
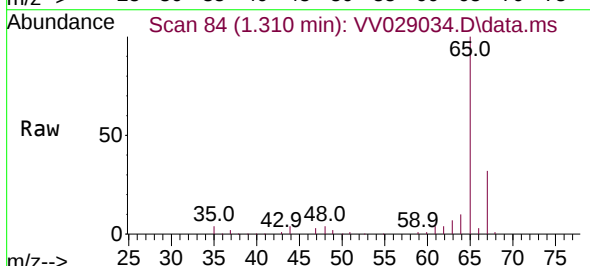
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ClientSampleId :
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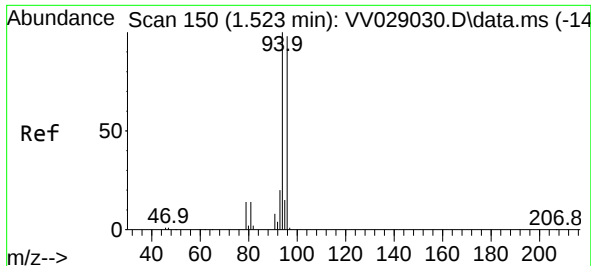
Tgt Ion: 50 Resp: 1038
Ion Ratio Lower Upper
50 100
52 31.1 23.7 43.9



#5
Vinyl chloride
Concen: 0.147 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

Tgt Ion: 62 Resp: 3042
Ion Ratio Lower Upper
62 100
64 220.6 22.8 42.4#

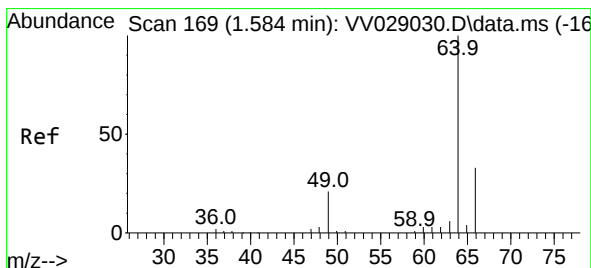
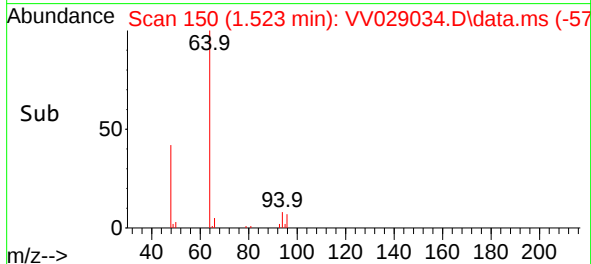
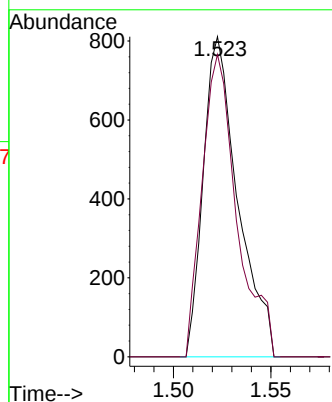
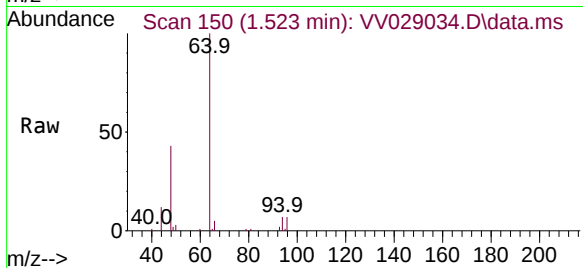




#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

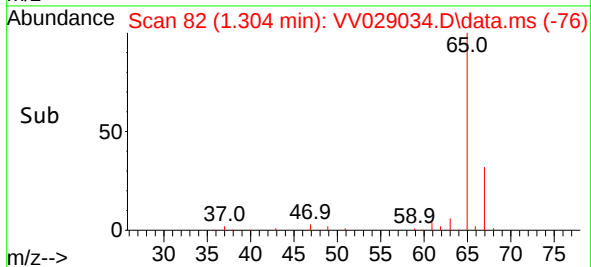
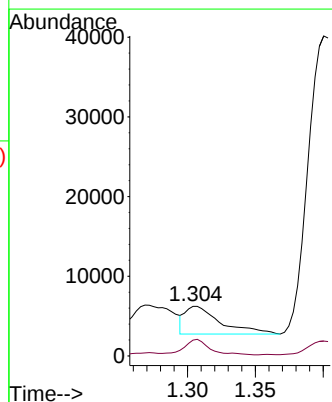
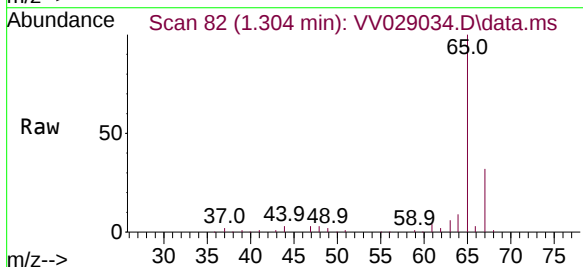
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MSVOA_V
ClientSampleId :
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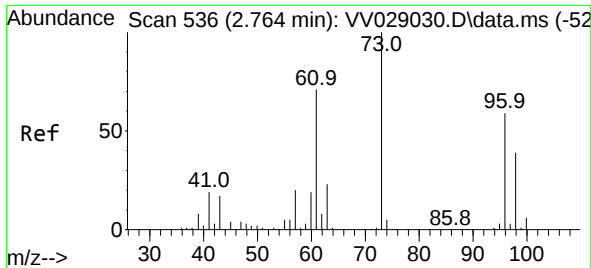
Tgt Ion: 94 Resp: 1000
Ion Ratio Lower Upper
94 100
96 94.5 68.5 127.3



#8
Chloroethane
Concen: 0.519 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.280 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

Tgt Ion: 64 Resp: 6330
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8

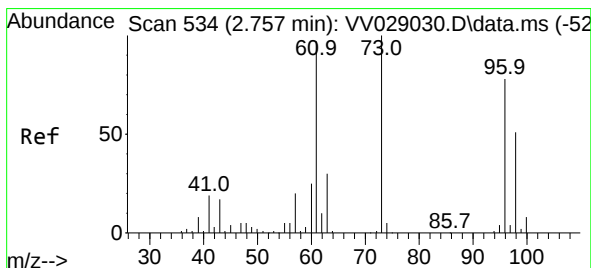
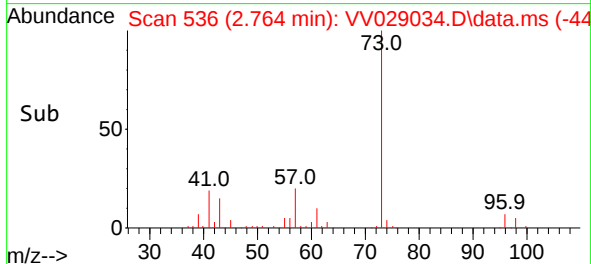
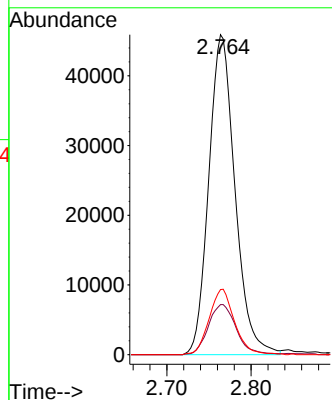
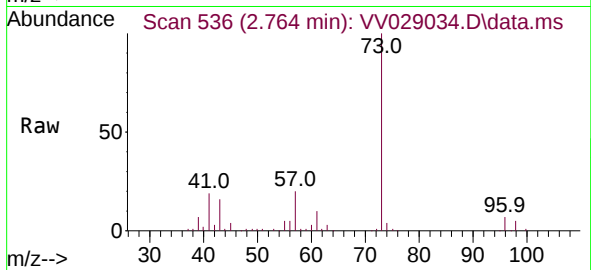




#17
Methyl tert-butyl Ether
Concen: 2.909 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

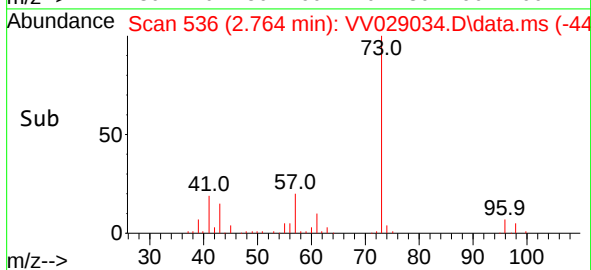
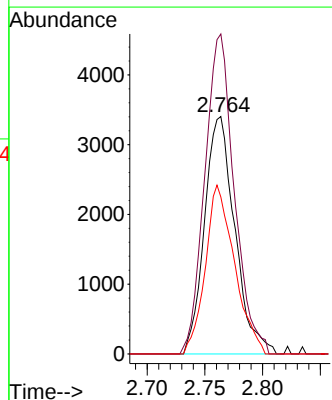
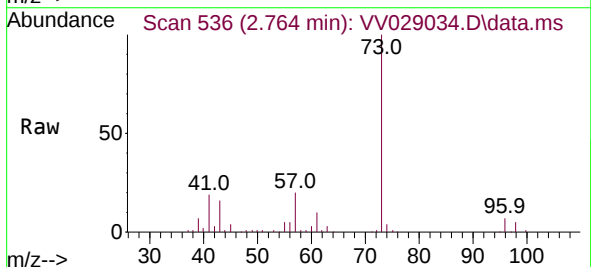
Instrument :
MSVOA_V
ClientSampleId :
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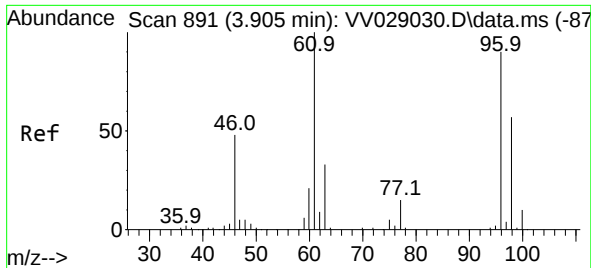
Tgt Ion: 73	Resp: 99249
Ion Ratio	Lower Upper
73 100	
43 16.7	13.0 19.4
57 19.8	16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.337 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

Tgt Ion: 96	Resp: 6215		
Ion Ratio	Lower	Upper	
96	100		
61	134.8	91.8	170.6
98	66.1	46.4	86.2

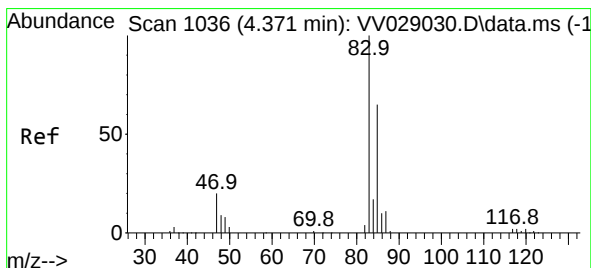
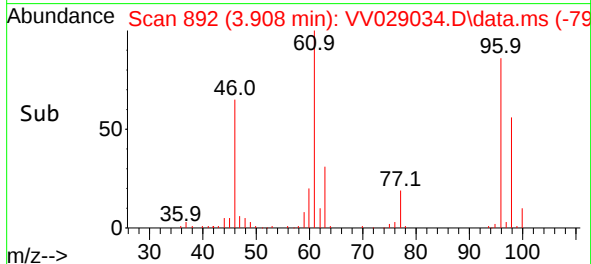
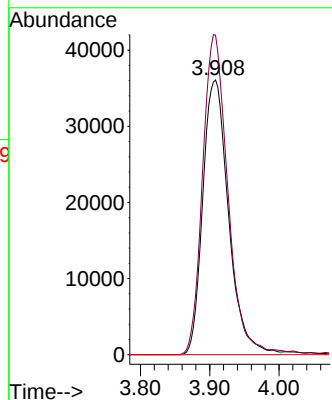
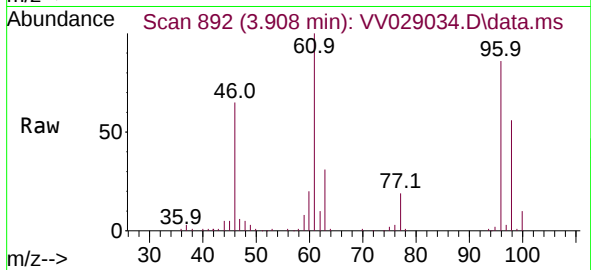




#22
 cis-1,2-Dichloroethene
 Concen: 4.971 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029034.D
 Acq: 16 Nov 2022 22:33

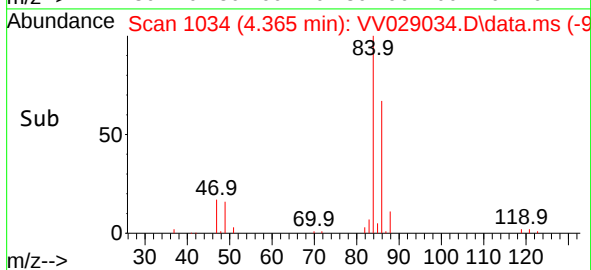
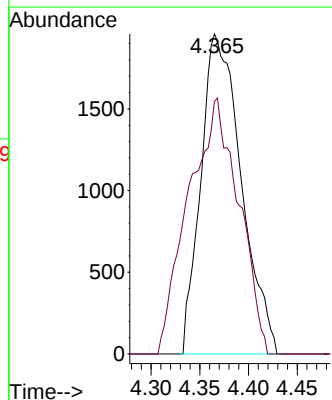
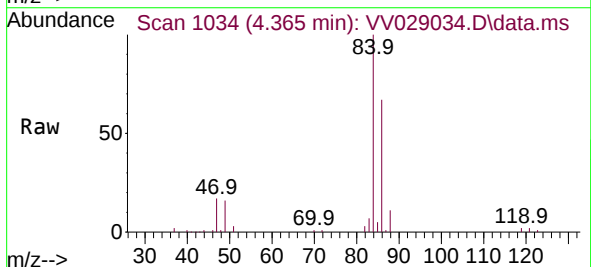
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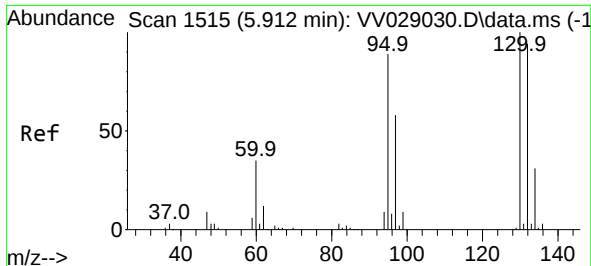
Tgt Ion: 96 Resp: 93275
 Ion Ratio Lower Upper
 96 100
 61 116.3 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.179 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: VV029034.D
 Acq: 16 Nov 2022 22:33

Tgt Ion: 83 Resp: 5654
 Ion Ratio Lower Upper
 83 100
 85 78.9 43.7 81.1

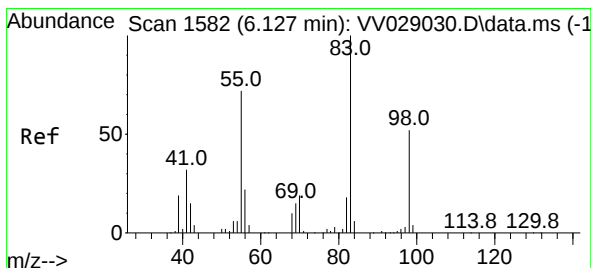
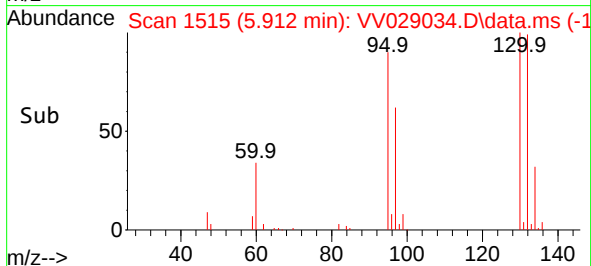
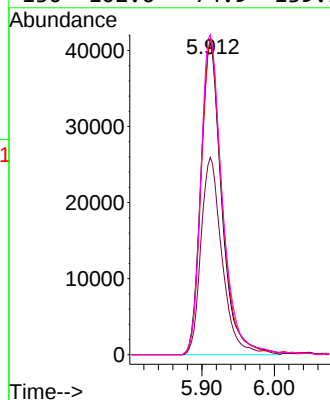
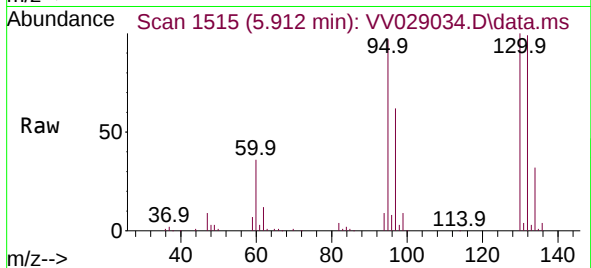




#34
Trichloroethene
Concen: 4.372 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

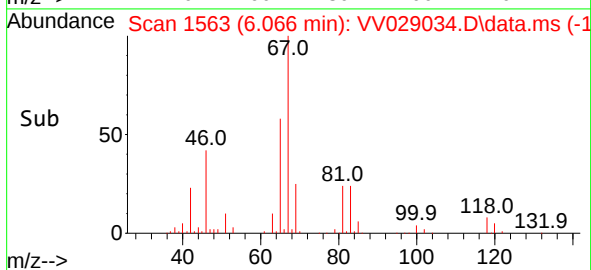
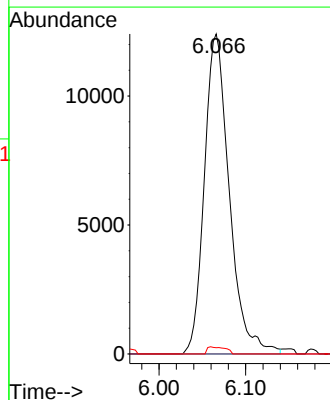
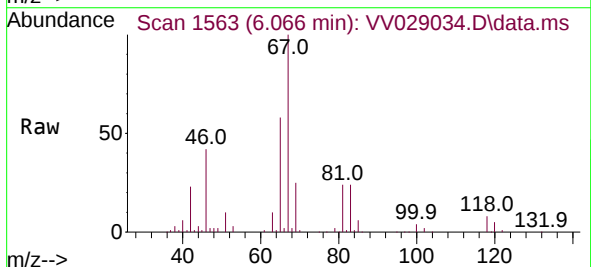
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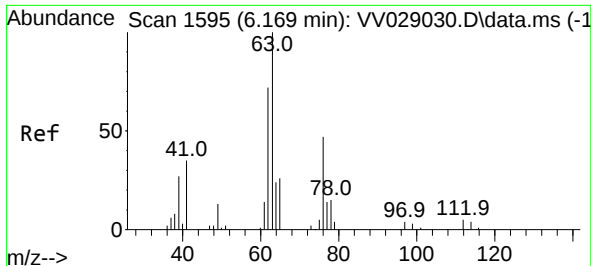
Tgt Ion: 95 Resp: 82666
Ion Ratio Lower Upper
95 100
97 63.3 45.6 84.8
132 101.5 69.1 128.3
130 102.6 74.9 139.1



#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

Tgt Ion: 83 Resp: 24849
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 1.6 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029034.D

Acq: 16 Nov 2022 22:33

Instrument :

MSVOA_V

ClientSampleId :

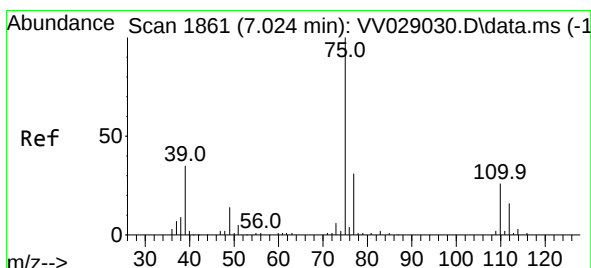
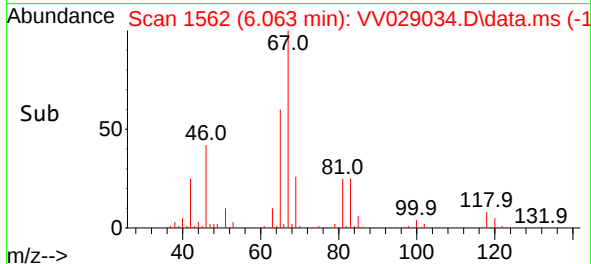
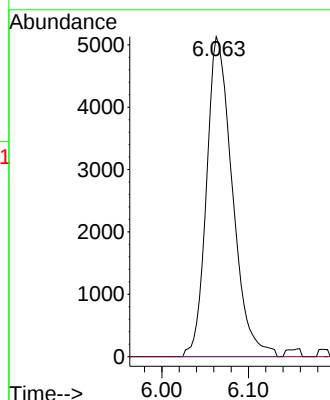
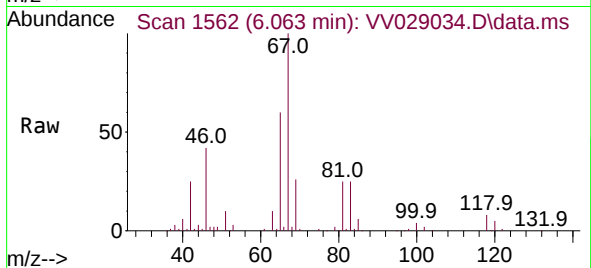
H46E3

Tgt Ion: 63 Resp: 10620

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV029034.D

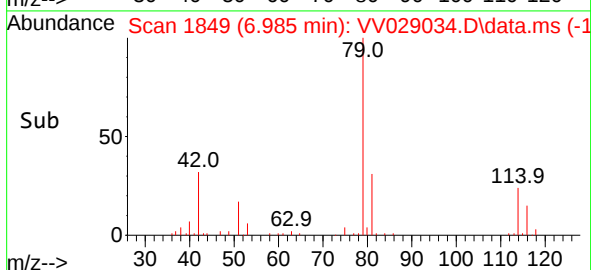
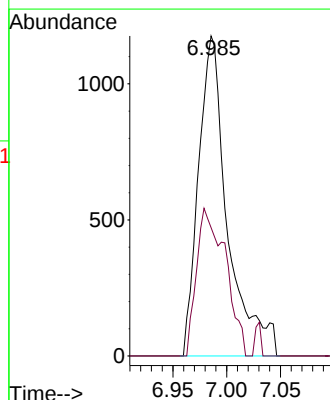
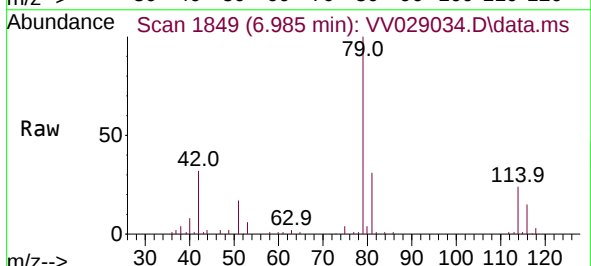
Acq: 16 Nov 2022 22:33

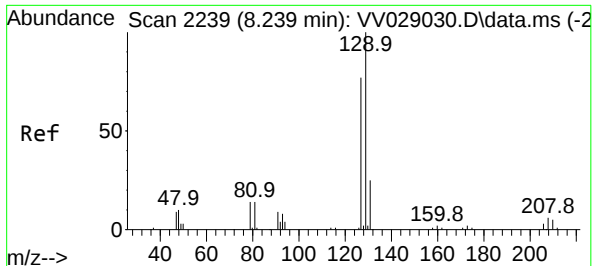
Tgt Ion: 75 Resp: 2212

Ion Ratio Lower Upper

75 100

77 40.1 21.8 40.6





#49

Dibromochloromethane

Concen: 0.048 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.254 min

Lab File: VV029034.D

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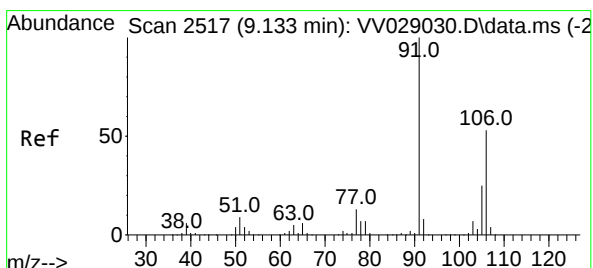
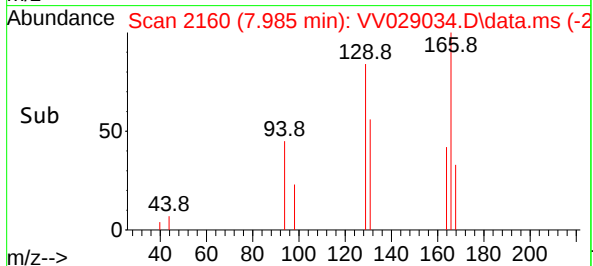
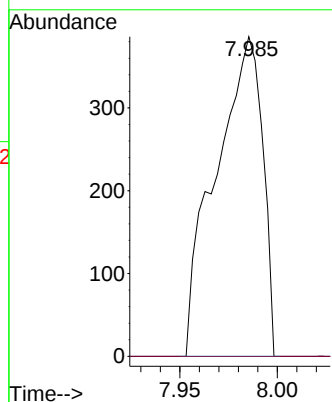
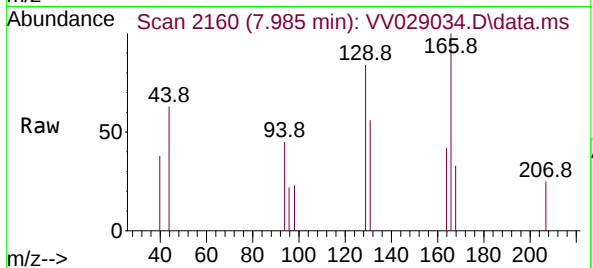
H46E3

Tgt Ion:129 Resp: 642

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#53

m,p-Xylene

Concen: 0.089 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.010 min

Lab File: VV029034.D

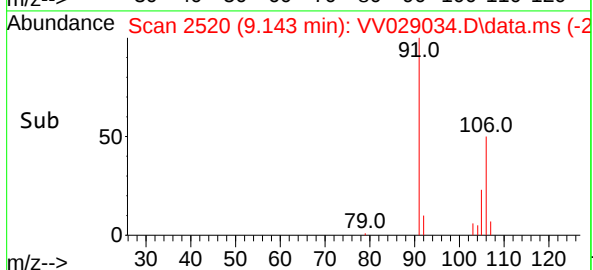
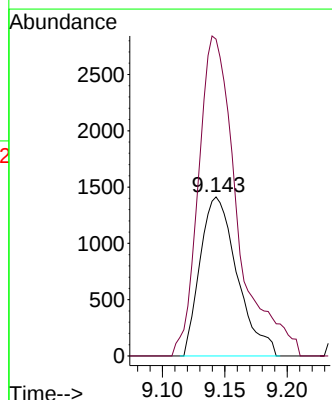
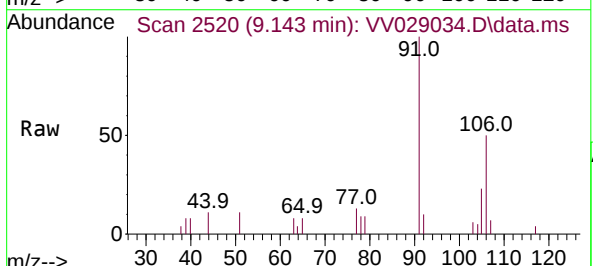
Acq: 16 Nov 2022 22:33

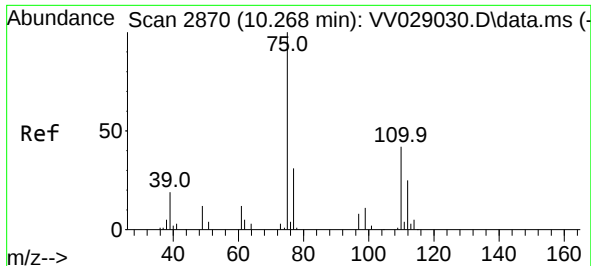
Tgt Ion:106 Resp: 2925

Ion Ratio Lower Upper

106 100

91 199.2 139.1 258.3

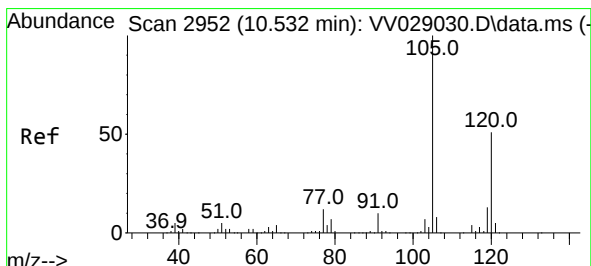
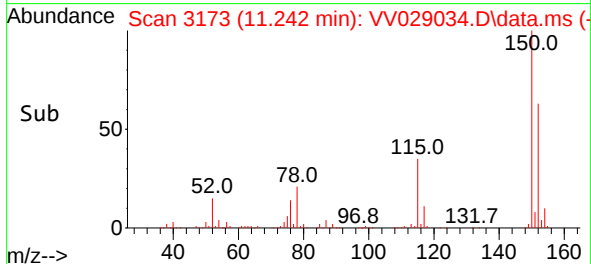
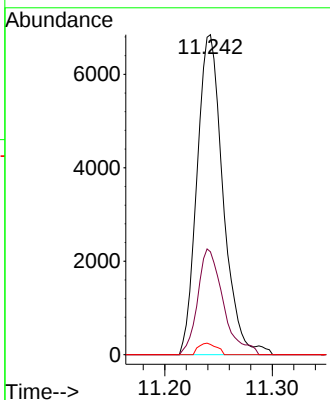
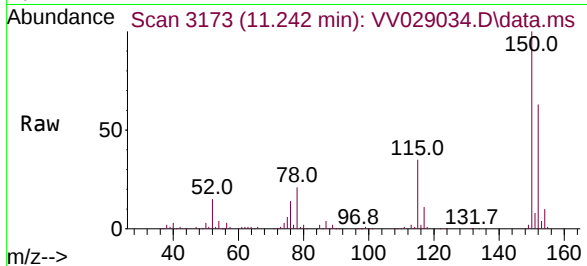




#61
1,2,3-Trichloropropane
Concen: 1.499 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

Instrument :
MSVOA_V
ClientSampleId :
H46E3

Tgt Ion: 75 Resp: 11488
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 2.5 32.6 48.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.040 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.386 min
Lab File: VV029034.D
Acq: 16 Nov 2022 22:33

Tgt Ion: 105 Resp: 2437
Ion Ratio Lower Upper
105 100
120 48.5 39.9 59.9

