

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028971.D
 Acq On : 15 Nov 2022 05:01
 Operator : SY/MD
 Sample : N5604-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E4

Quant Time: Nov 15 05:39:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	280675	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	261995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	126734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59413	3.472	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.568	69	62995	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.108	63	89374	2.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.896	46	101034	35.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.540%
24) Chloroform-d	4.343	84	153707	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.027	65	70017	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.047	84	320399	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.066	67	93931	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.310	98	283160	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.622	79	22680	3.184	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.088	63	138640	45.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70958	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	105480	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1006	0.052	ug/L #	77
5) Vinyl chloride	1.311	62	2697	0.122	ug/L #	1
8) Chloroethane	1.413	64	374153	28.746	ug/L #	52
14) Carbon disulfide	2.294	76	5964	0.099	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	13787	0.378	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	5748	0.292	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	48579	2.425	ug/L	96
34) Trichloroethene	5.912	95	64204	3.132	ug/L	98
35) Methylcyclohexane	6.066	83	23092	0.641	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10464	0.567	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1708	0.066	ug/L #	63
45) 1,1,2-Trichloroethane	7.703	97	1343	0.111	ug/L #	16
49) Dibromochloromethane	7.979	129	428	0.029	ug/L #	10
53) m,p-Xylene	9.143	106	3623	0.101	ug/L	92
61) 1,2,3-Trichloropropane	11.243	75	12817	1.480	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.911	105	2970	0.043	ug/L	99

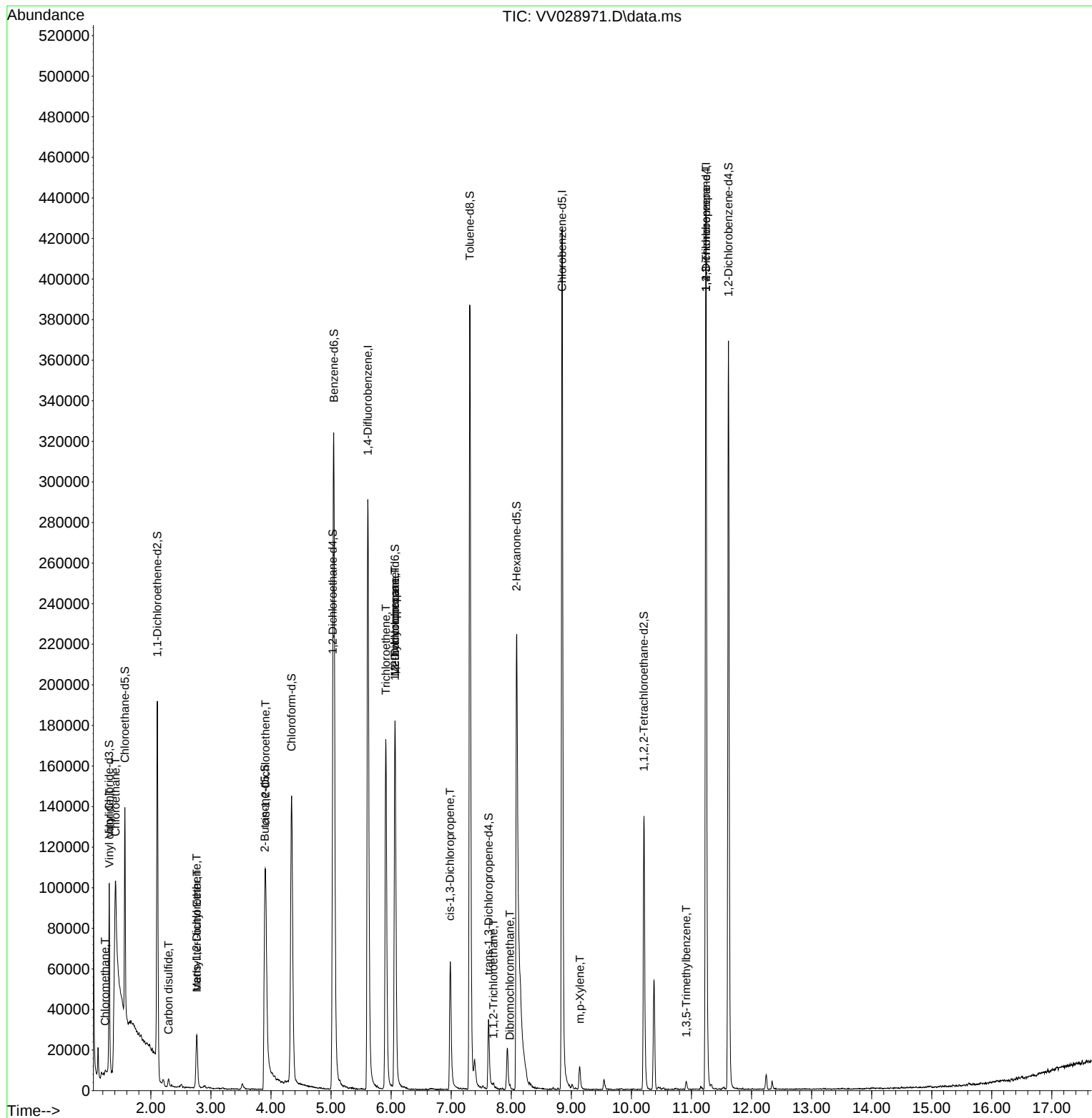
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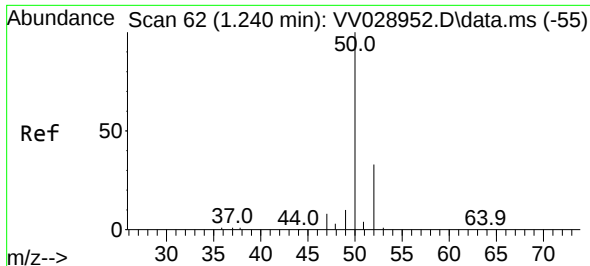
Instrument :
MSVOA_V
ClientSampleId :
H46E4

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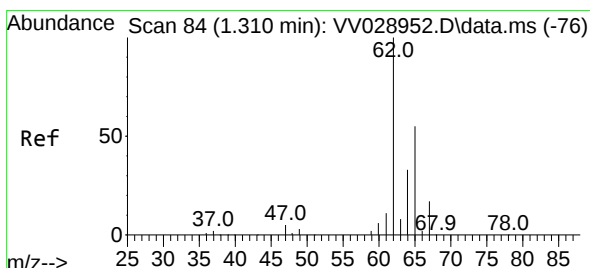
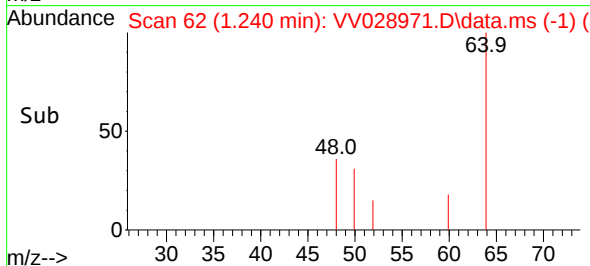
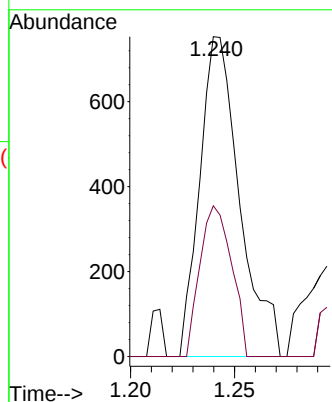
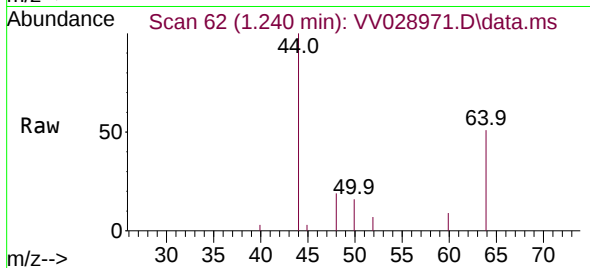




#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

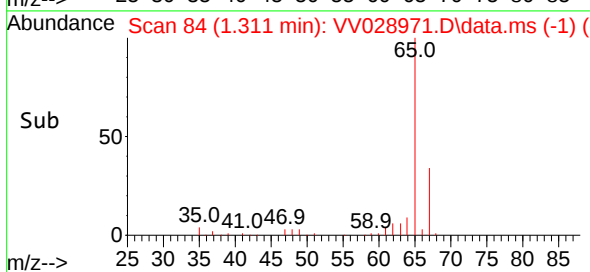
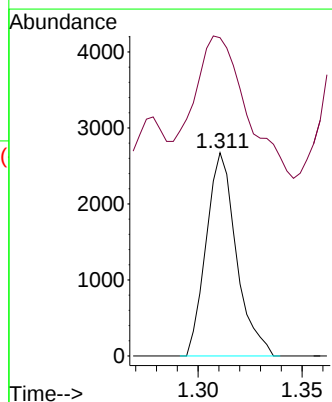
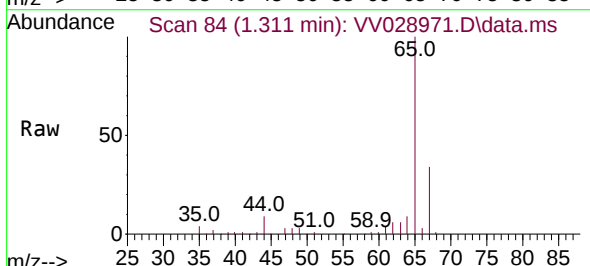
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MSVOA_V
ClientSampleId :
H46E4

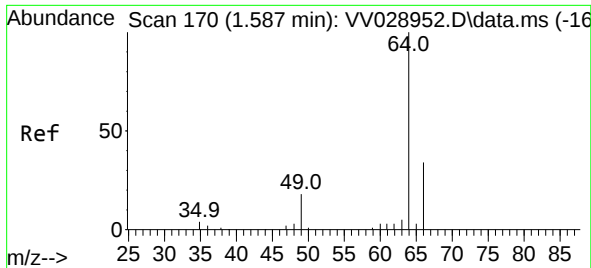
Tgt Ion: 50 Resp: 1006
Ion Ratio Lower Upper
50 100
52 47.1 23.7 43.9#



#5
Vinyl chloride
Concen: 0.122 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

Tgt Ion: 62 Resp: 2697
Ion Ratio Lower Upper
62 100
64 156.5 22.8 42.4#

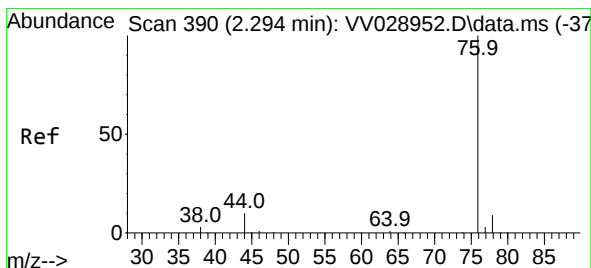
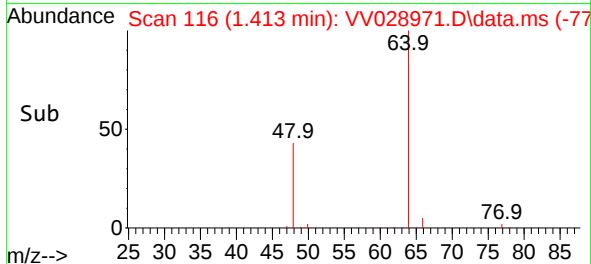
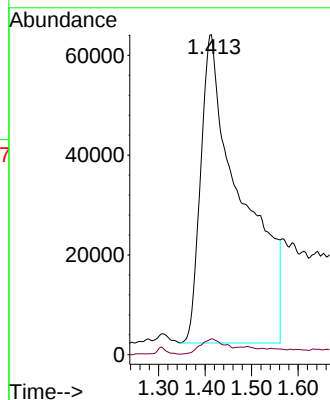
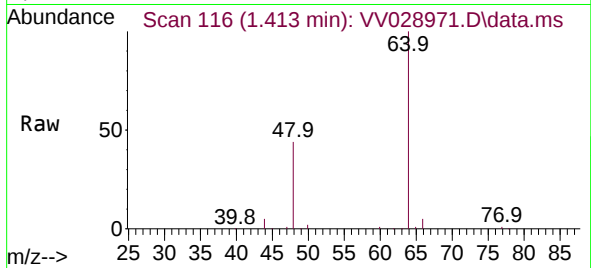




#8
Chloroethane
Concen: 28.746 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.173 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

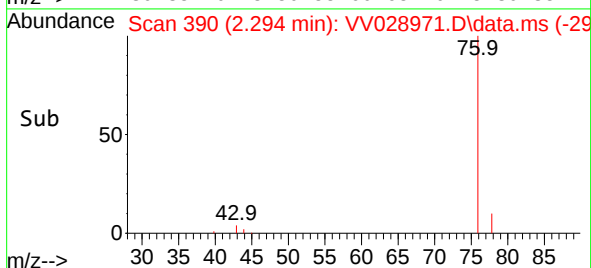
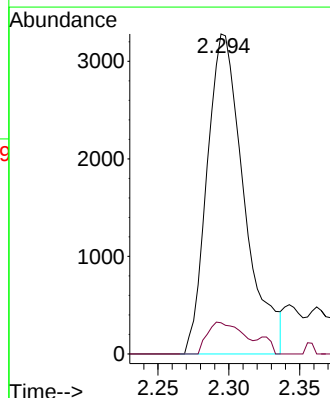
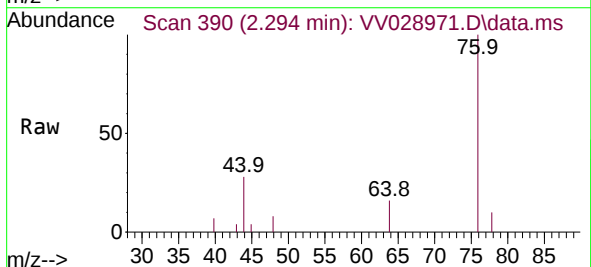
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ClientSampleId :
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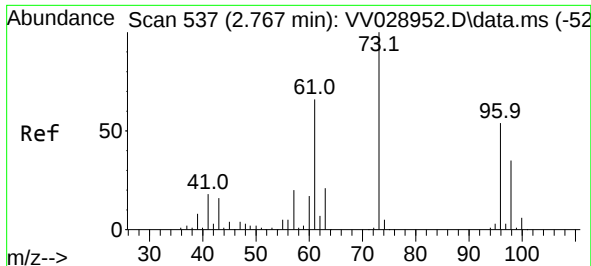
Tgt Ion: 64 Resp: 374153
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#



#14
Carbon disulfide
Concen: 0.099 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

Tgt Ion: 76 Resp: 5964
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

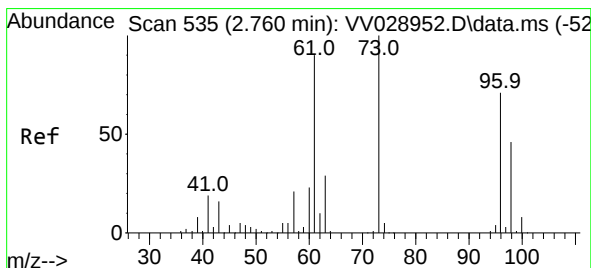
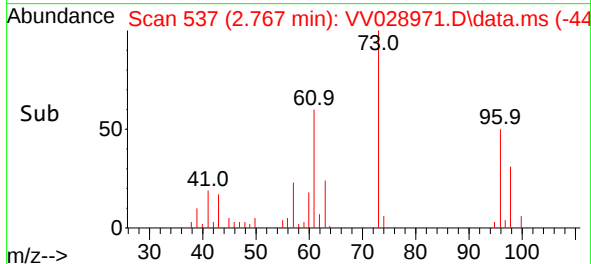
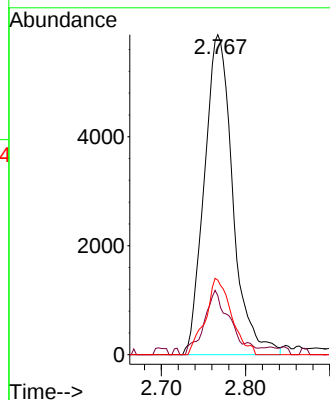
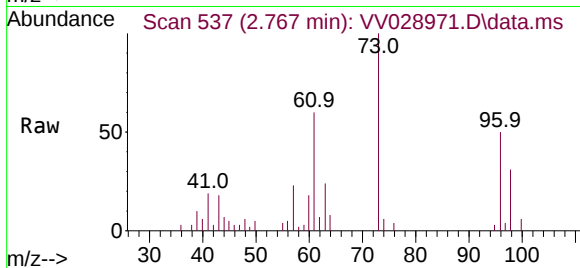




#17
Methyl tert-butyl Ether
Concen: 0.378 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

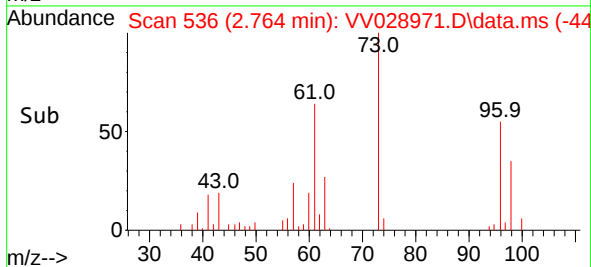
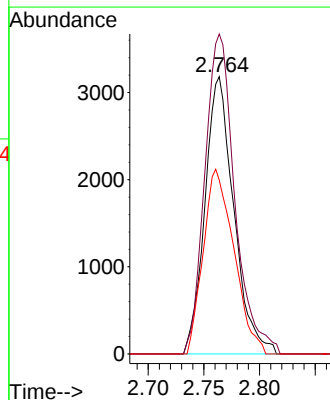
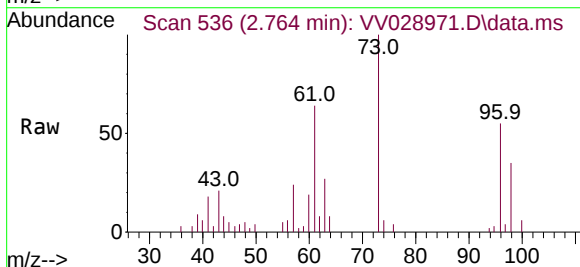
Instrument :
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ClientSampleId :
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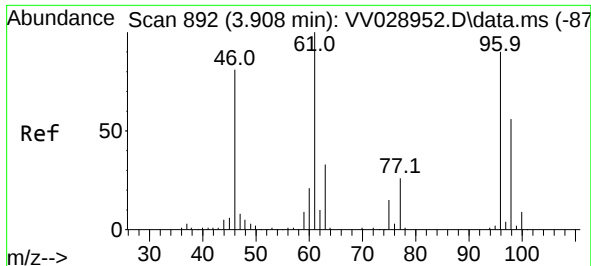
Tgt Ion: 73	Resp:	13787	
Ion	Ratio	Lower	Upper
73	100		
43	17.5	13.0	19.4
57	21.6	16.6	24.8



#18
trans-1,2-Dichloroethene
Concen: 0.292 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

Tgt Ion: 96	Resp:	5748	
Ion	Ratio	Lower	Upper
96	100		
61	115.4	91.8	170.6
98	62.7	46.4	86.2

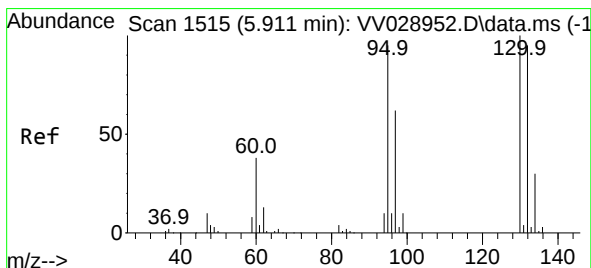
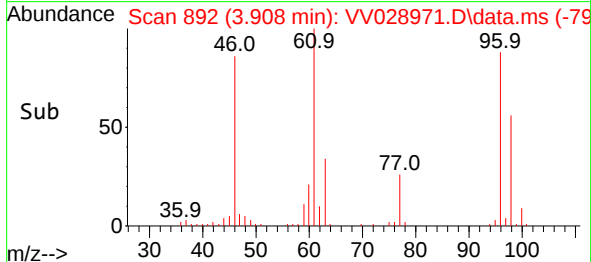
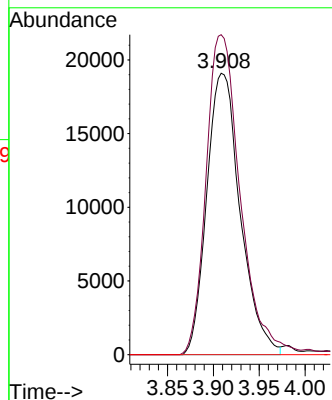
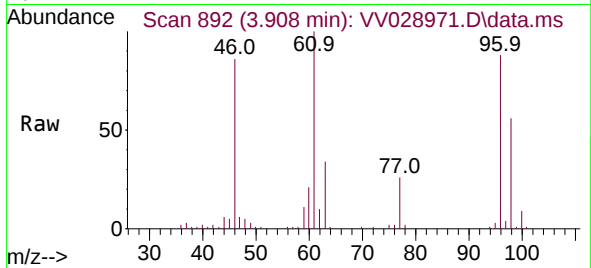




#22
 cis-1,2-Dichloroethene
 Concen: 2.425 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV028971.D
 Acq: 15 Nov 2022 05:01

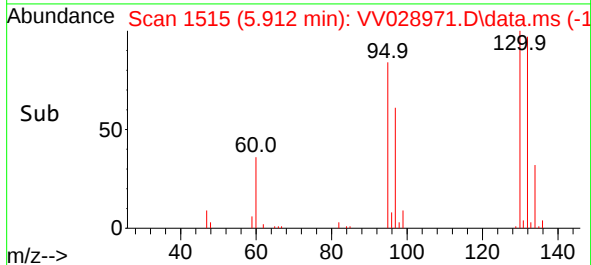
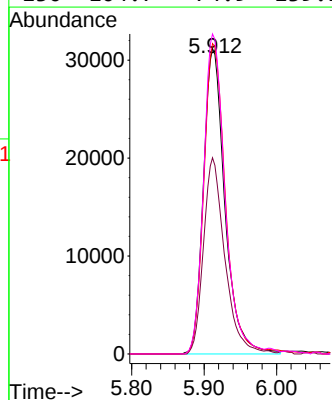
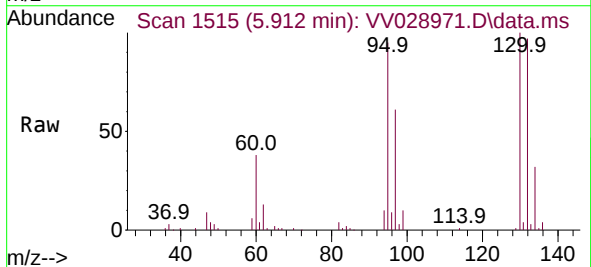
Instrument :
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 ClientSampleId :
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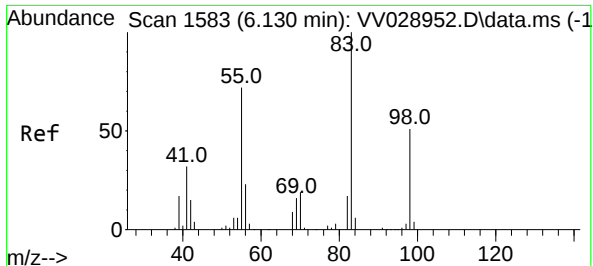
Tgt Ion: 96 Resp: 48579
 Ion Ratio Lower Upper
 96 100
 61 113.7 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.132 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: VV028971.D
 Acq: 15 Nov 2022 05:01

Tgt Ion: 95 Resp: 64204
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.6 84.8
 132 101.6 69.1 128.3
 130 104.7 74.9 139.1





#35

Methylcyclohexane

Concen: 0.641 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV028971.D

Acq: 15 Nov 2022 05:01

Instrument :

MSVOA_V

ClientSampleId :

H46E4

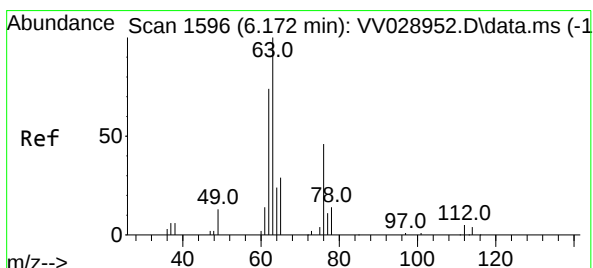
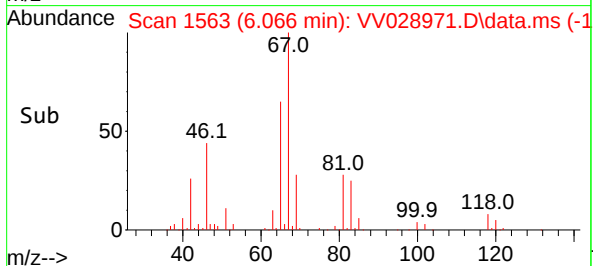
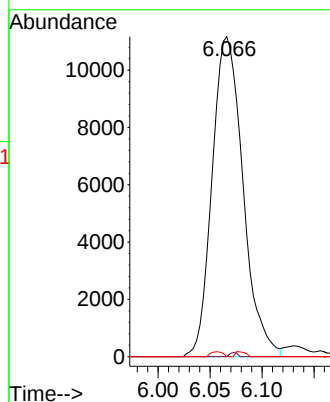
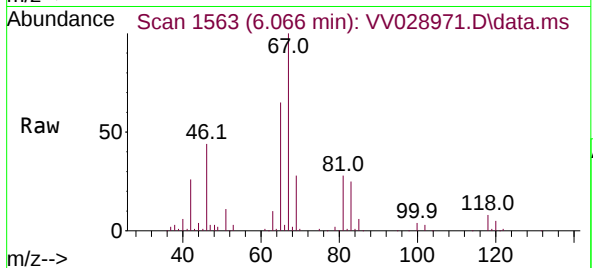
Tgt Ion: 83 Resp: 23092

Ion Ratio Lower Upper

83 100

55 0.3 55.8 83.6#

98 0.5 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.109 min

Lab File: VV028971.D

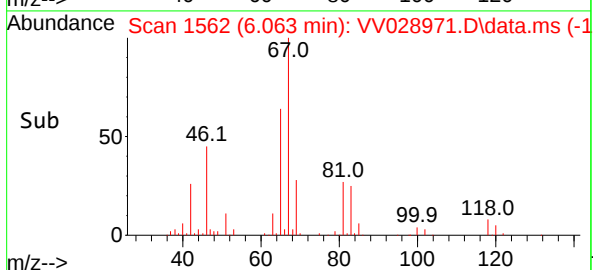
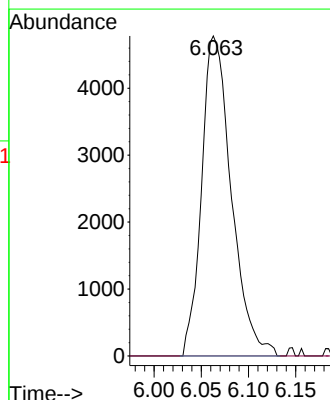
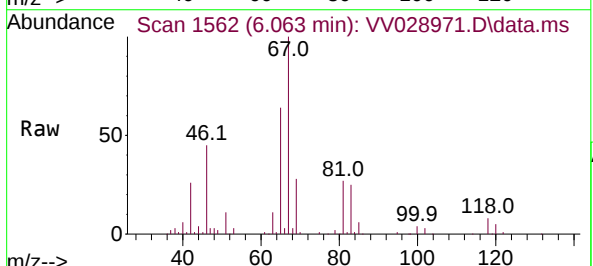
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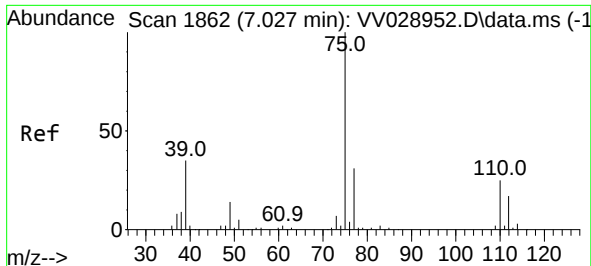
Tgt Ion: 63 Resp: 10464

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV028971.D

Acq: 15 Nov 2022 05:01

Instrument :

MSVOA_V

ClientSampleId :

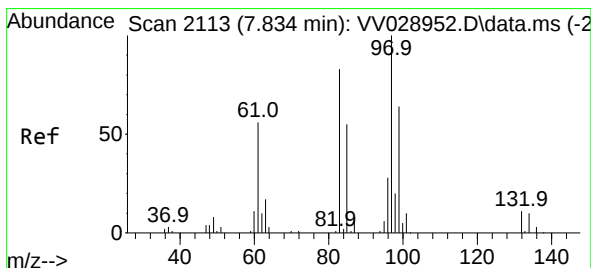
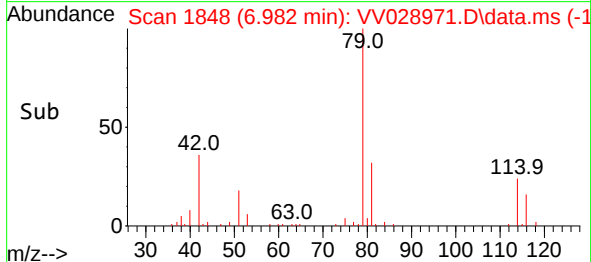
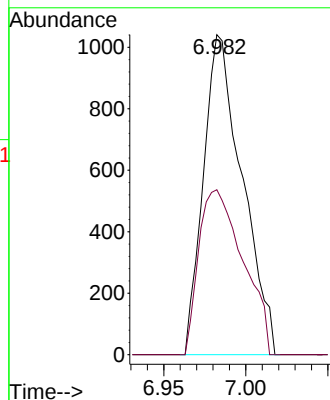
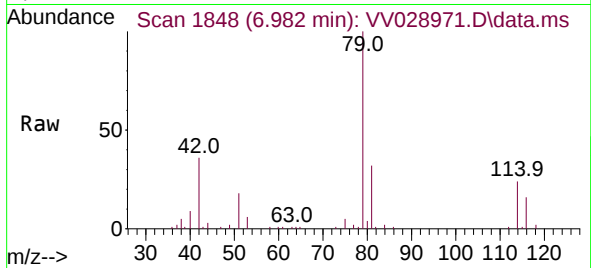
H46E4

Tgt Ion: 75 Resp: 1708

Ion Ratio Lower Upper

75 100

77 51.6 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.111 ug/L

RT: 7.703 min Scan# 2072

Delta R.T. -0.132 min

Lab File: VV028971.D

Acq: 15 Nov 2022 05:01

Tgt Ion: 97 Resp: 1343

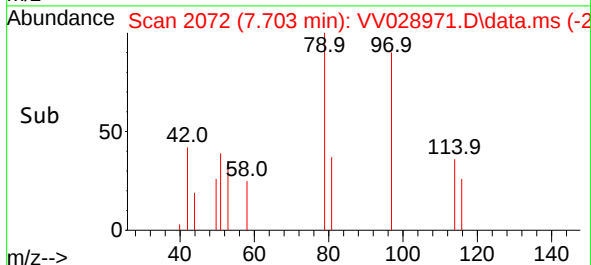
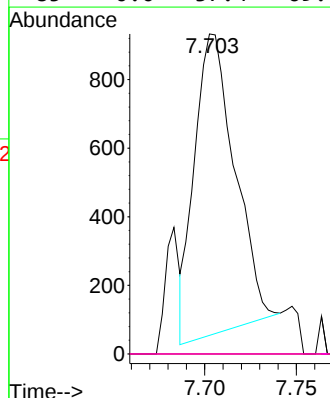
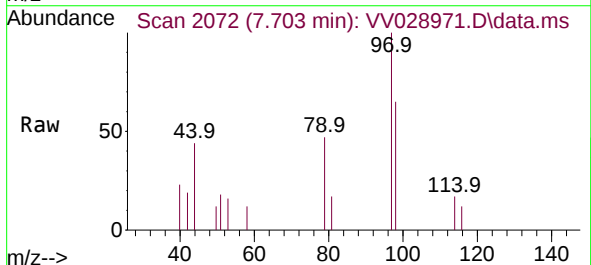
Ion Ratio Lower Upper

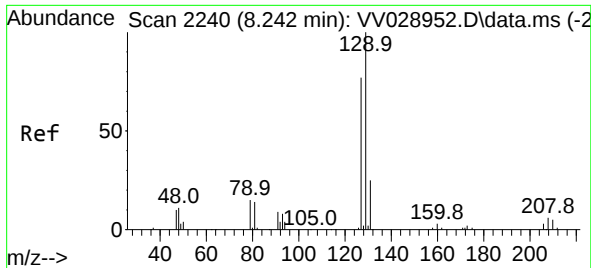
97 100

99 0.0 41.5 77.1#

83 0.0 60.0 111.4#

85 0.0 37.4 69.4#

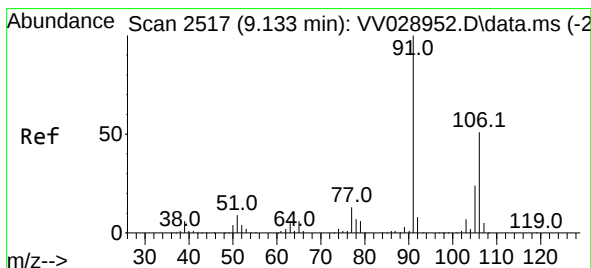
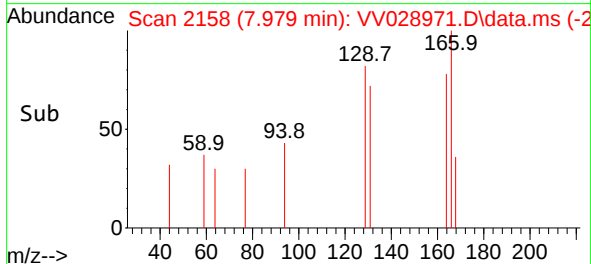
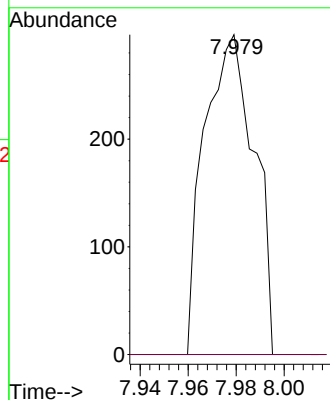
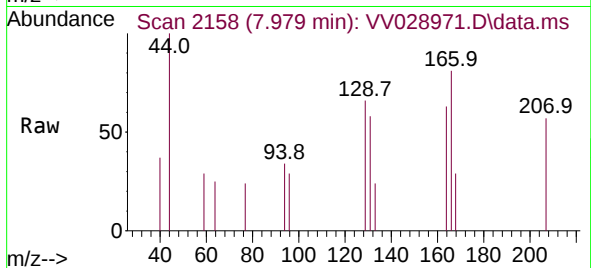




#49
 Dibromochloromethane
 Concen: 0.029 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. -0.263 min
 Lab File: VV028971.D
 Acq: 15 Nov 2022 05:01

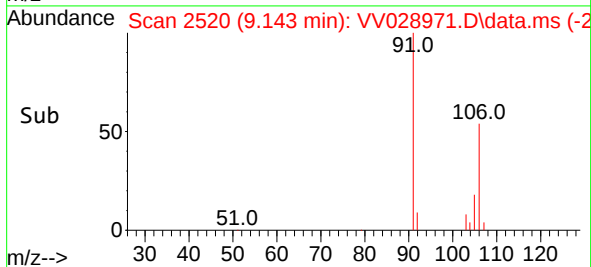
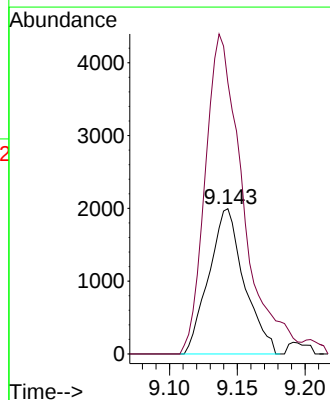
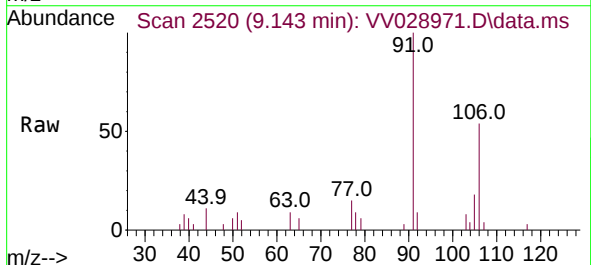
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E4

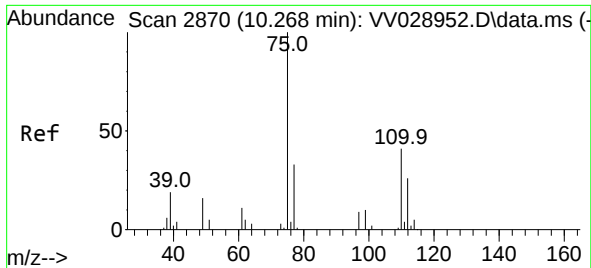
Tgt Ion:129 Resp: 428
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.1#



#53
 m,p-Xylene
 Concen: 0.101 ug/L
 RT: 9.143 min Scan# 2520
 Delta R.T. 0.010 min
 Lab File: VV028971.D
 Acq: 15 Nov 2022 05:01

Tgt Ion:106 Resp: 3623
 Ion Ratio Lower Upper
 106 100
 91 186.7 139.1 258.3

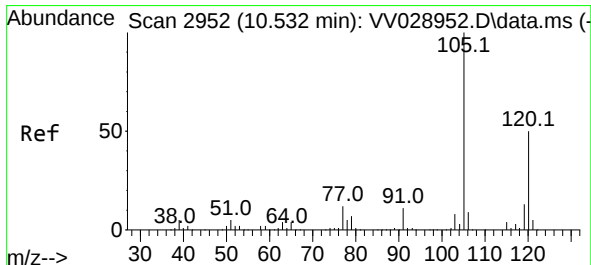
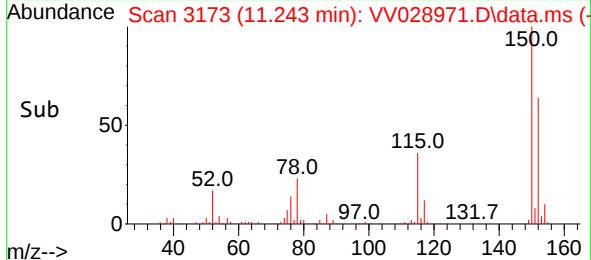
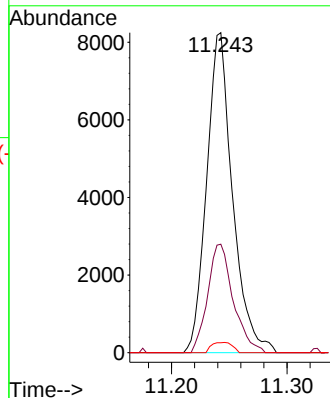
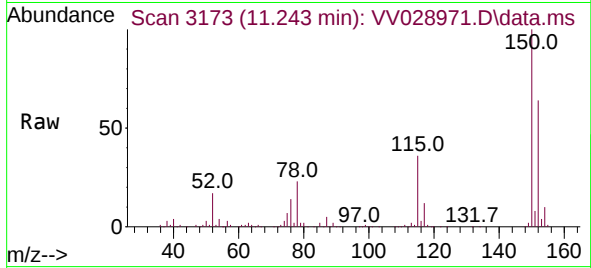




#61
1,2,3-Trichloropropane
Concen: 1.480 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

Instrument :
MSVOA_V
ClientSampleId :
H46E4

Tgt Ion: 75 Resp: 12817
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.2
110 2.6 32.6 48.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.043 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.380 min
Lab File: VV028971.D
Acq: 15 Nov 2022 05:01

Tgt Ion: 105 Resp: 2970
Ion Ratio Lower Upper
105 100
120 49.0 39.9 59.9

