

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
 Data File : VV029173.D
 Acq On : 19 Nov 2022 16:10
 Operator : SY/MD
 Sample : N5680-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC0

Quant Time: Nov 20 00:58:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

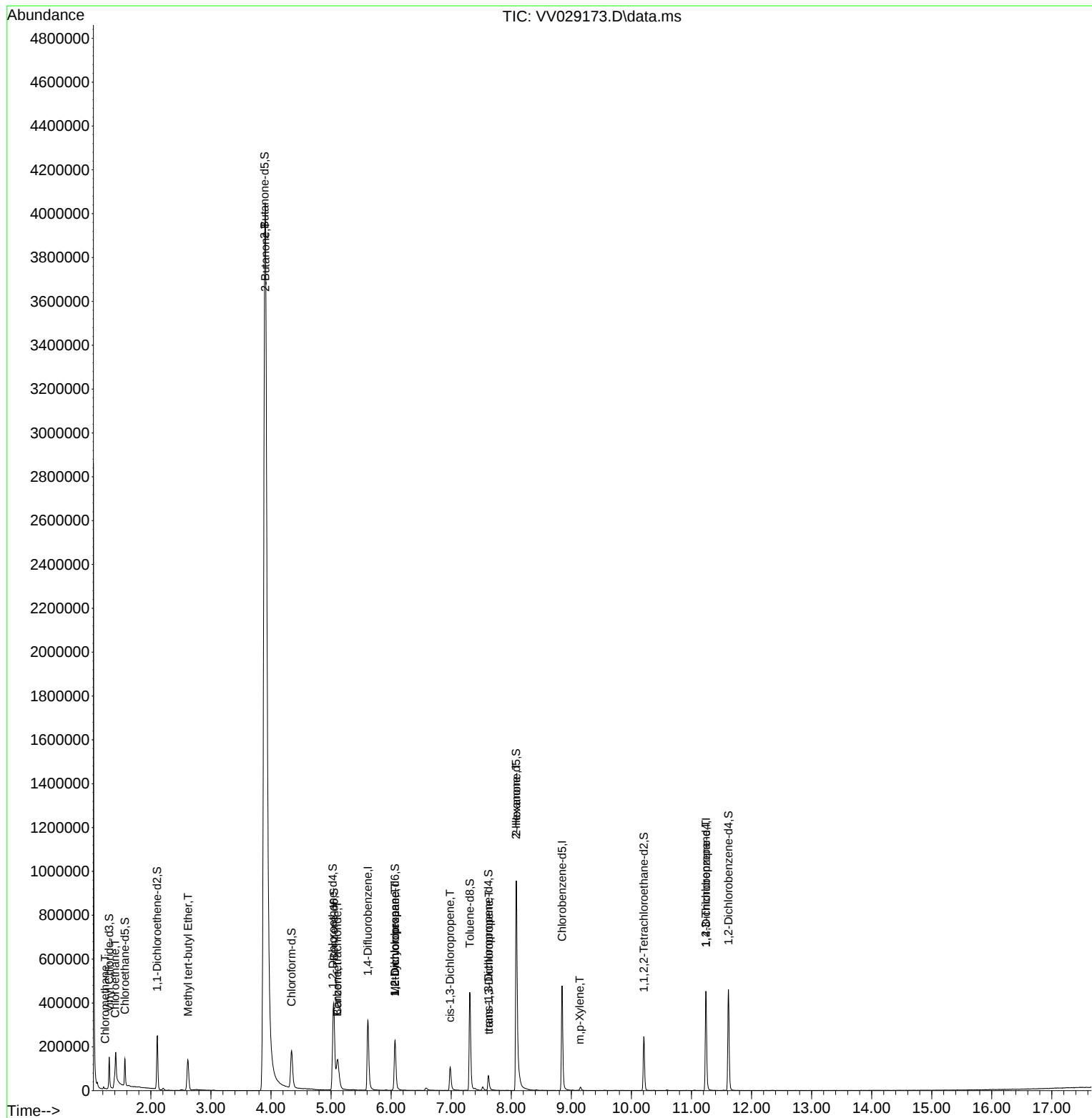
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	302350	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	129925	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	96392	5.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.568	69	82222	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.105	63	124261	3.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.892	46	454838	147.408	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	294.820%#
24) Chloroform-d	4.342	84	184028	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.027	65	103028	6.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.000%
32) Benzene-d6	5.047	84	379435	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.066	67	118381	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.310	98	317054	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.619	79	45656	5.861	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.200%
46) 2-Hexanone-d5	8.082	63	390779	117.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	235.060%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	122253	7.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	147.600%#
66) 1,2-Dichlorobenzene-d4	11.615	152	126565	5.445	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1975	0.094	ug/L	95
8) Chloroethane	1.407	64	206432	14.723	ug/L #	51
17) Methyl tert-butyl Ether	2.619	73	4191	0.107	ug/L #	1
21) 2-Butanone	3.905	43	242036	78.763	ug/L	81
31) Carbon tetrachloride	5.104	117	1337	0.046	ug/L #	21
33) Benzene	5.101	78	5958	0.068	ug/L	100
35) Methylcyclohexane	6.066	83	29506	0.749	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	12825	0.635	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2503	0.089	ug/L	96
44) trans-1,3-Dichloropropene	7.628	75	1734	0.079	ug/L	90
48) 2-Hexanone	8.085	43	41642	6.843	ug/L #	72
53) m,p-Xylene	9.140	106	1264	0.032	ug/L	89
61) 1,2,3-Trichloropropane	11.239	75	14297	1.610	ug/L #	65

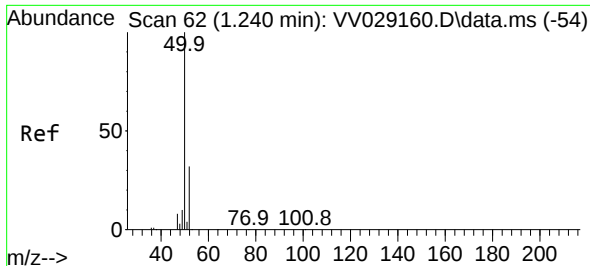
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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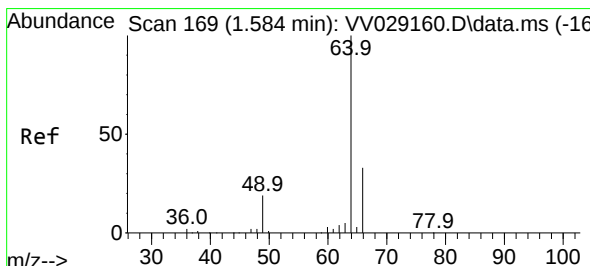
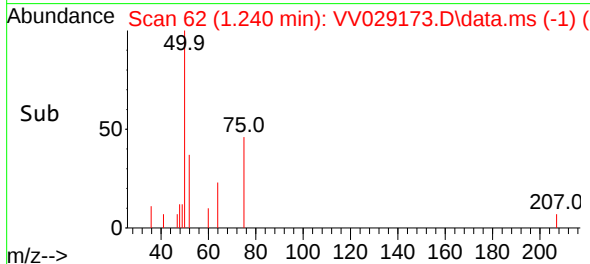
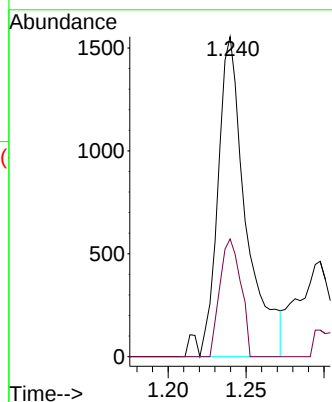
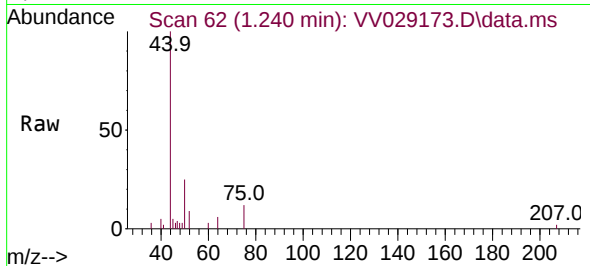




#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

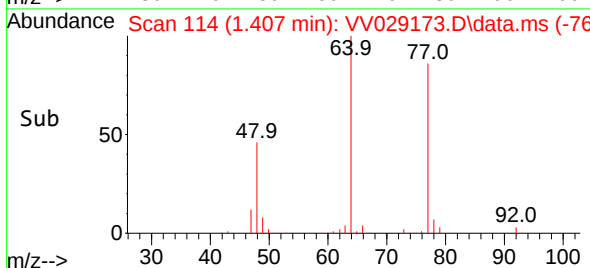
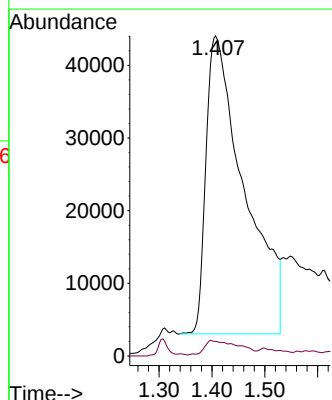
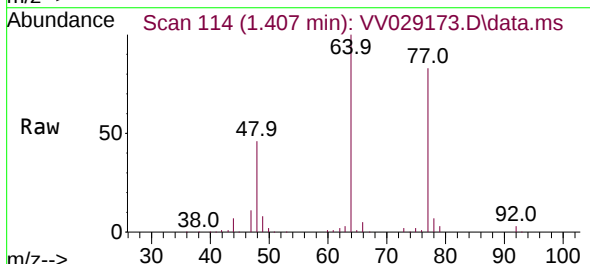
Instrument :
MSVOA_V
ClientSampleId :
H0AC0

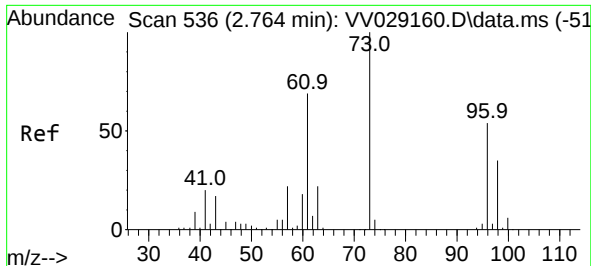
Tgt Ion: 50 Resp: 1975
Ion Ratio Lower Upper
50 100
52 36.8 23.7 43.9



#8
Chloroethane
Concen: 14.723 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.177 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

Tgt Ion: 64 Resp: 206432
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#





#17

Methyl tert-butyl Ether

Concen: 0.107 ug/L

RT: 2.619 min Scan# 491

Delta R.T. -0.145 min

Lab File: VV029173.D

Acq: 19 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

H0AC0

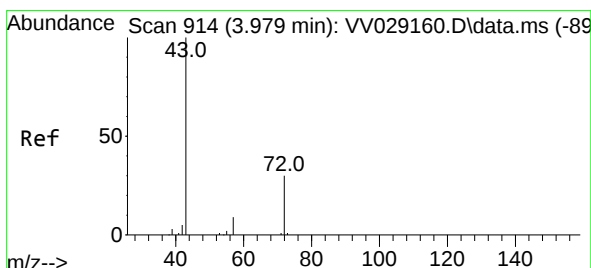
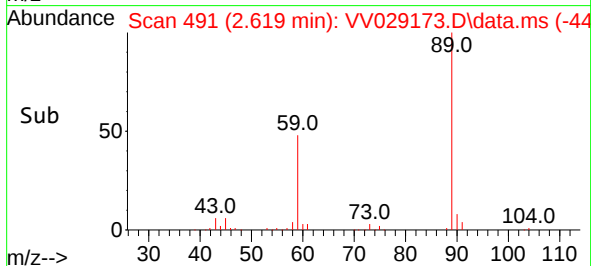
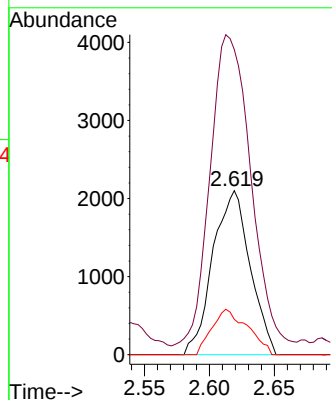
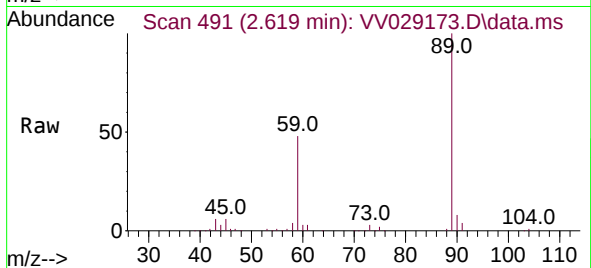
Tgt Ion: 73 Resp: 4191

Ion Ratio Lower Upper

73 100

43 207.6 13.0 19.4#

57 26.6 16.6 24.8#



#21

2-Butanone

Concen: 78.763 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.074 min

Lab File: VV029173.D

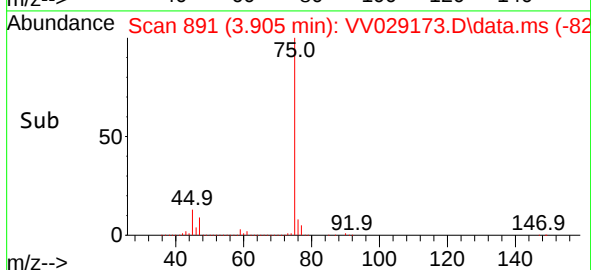
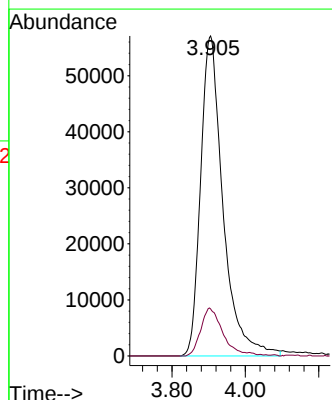
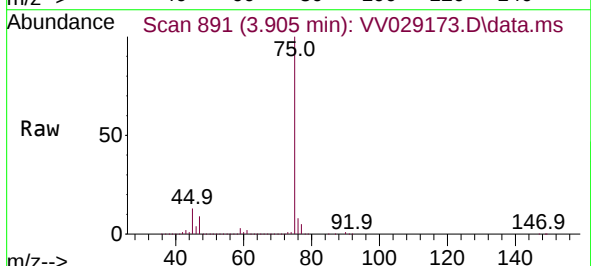
Acq: 19 Nov 2022 16:10

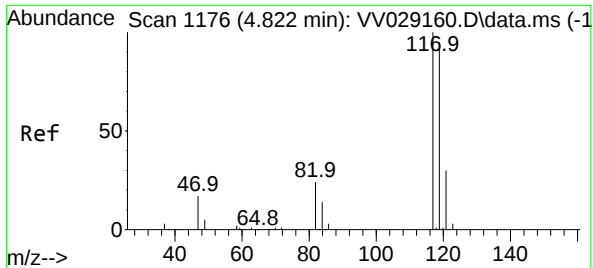
Tgt Ion: 43 Resp: 242036

Ion Ratio Lower Upper

43 100

72 14.5 11.9 35.9

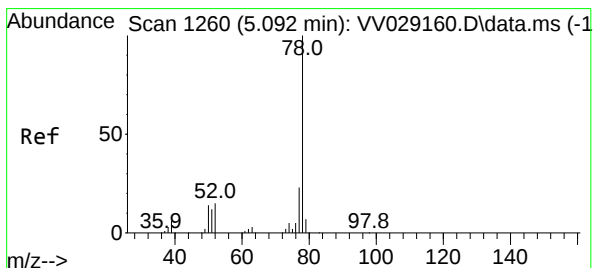
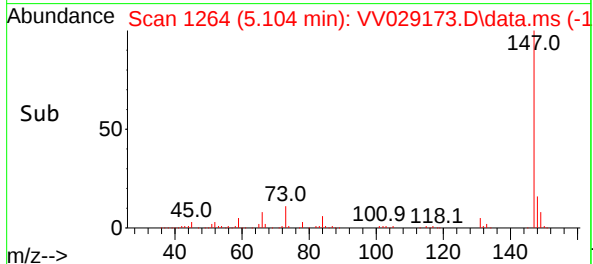
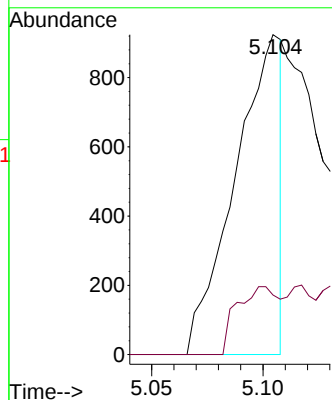
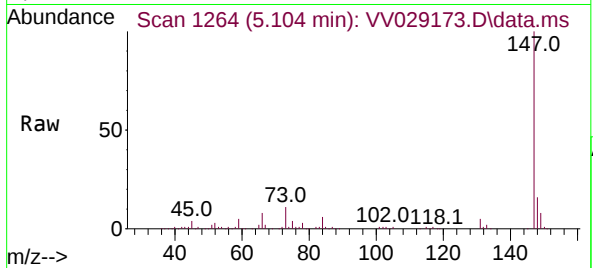




#31
Carbon tetrachloride
Concen: 0.046 ug/L
RT: 5.104 min Scan# 1176
Delta R.T. 0.283 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

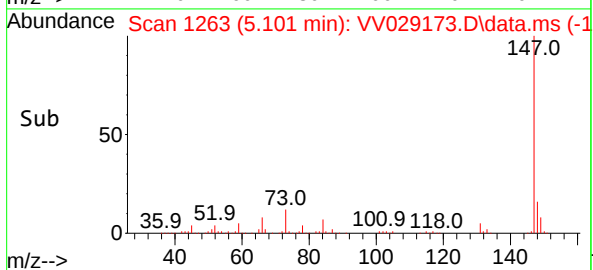
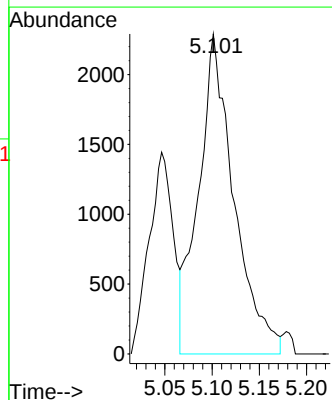
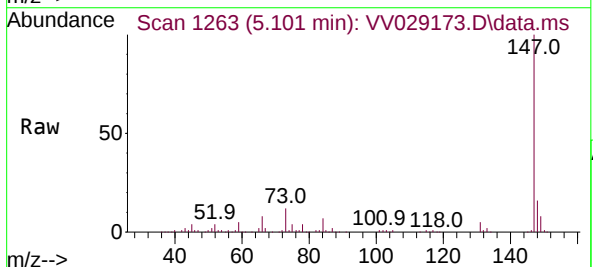
Instrument :
MSVOA_V
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H0AC0

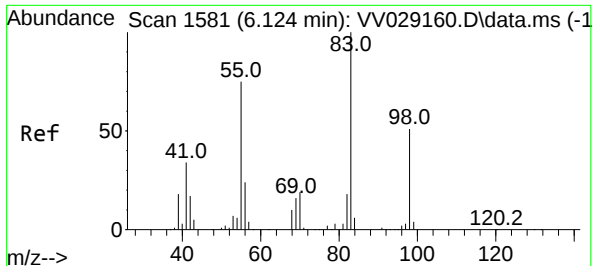
Tgt Ion:117 Resp: 1337
Ion Ratio Lower Upper
117 100
119 19.1 77.0 115.6#



#33
Benzene
Concen: 0.068 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

Tgt Ion: 78 Resp: 5958

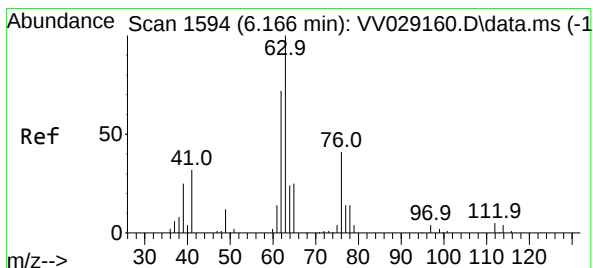
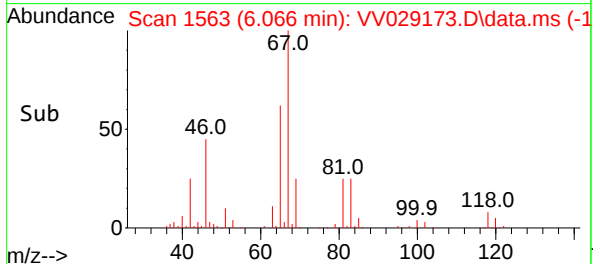
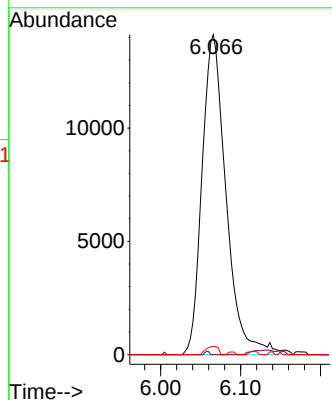
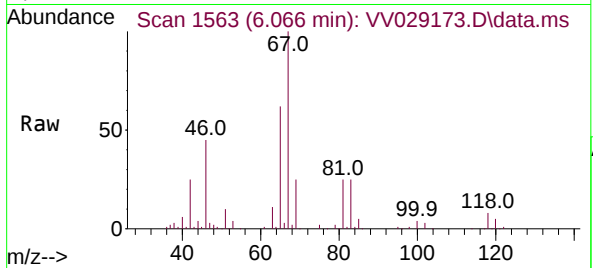




#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

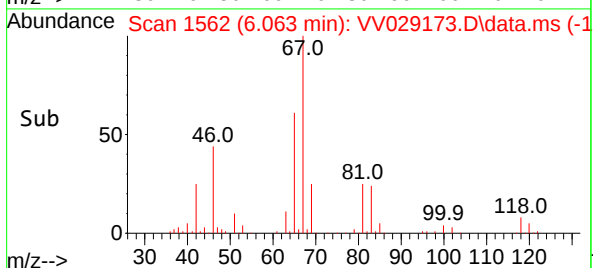
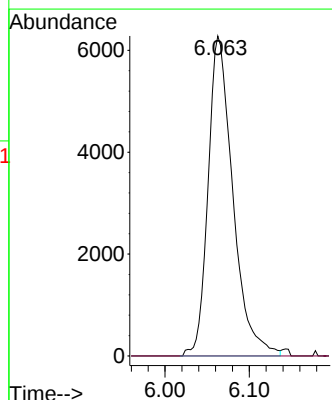
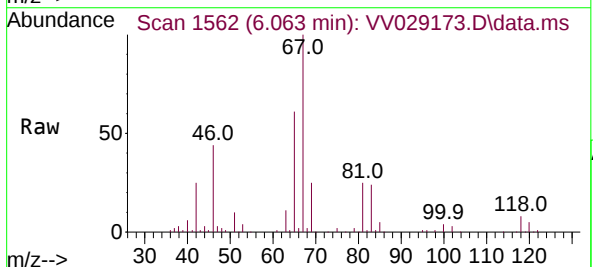
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ClientSampleId :
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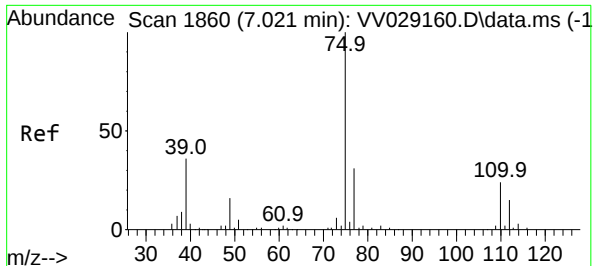
Tgt Ion: 83 Resp: 29506
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.3 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

Tgt Ion: 63 Resp: 12825
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029173.D

Acq: 19 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

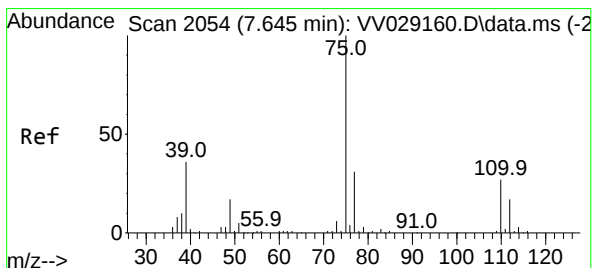
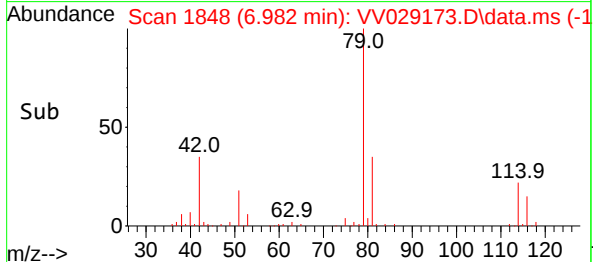
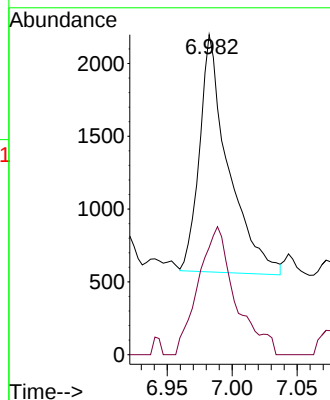
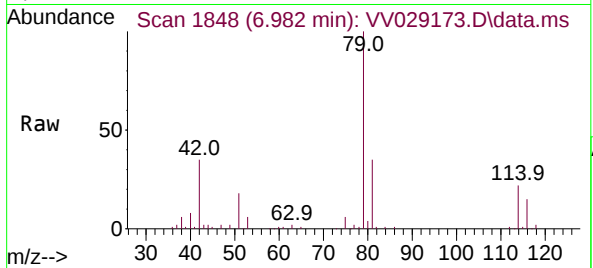
H0AC0

Tgt Ion: 75 Resp: 2503

Ion Ratio Lower Upper

75 100

77 33.5 21.8 40.6



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.016 min

Lab File: VV029173.D

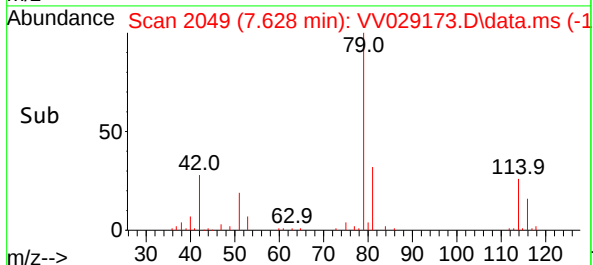
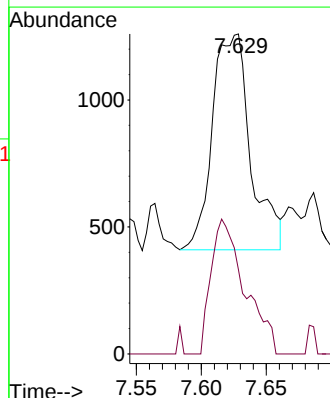
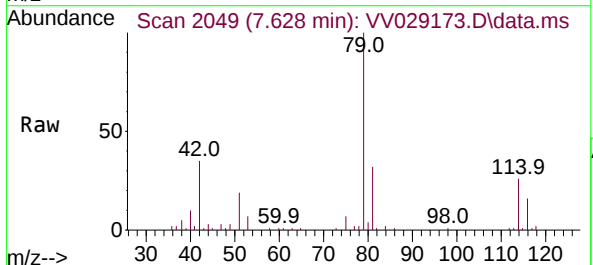
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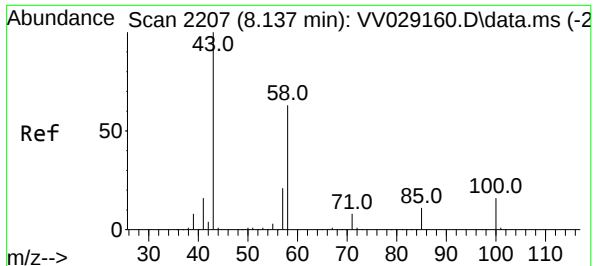
Tgt Ion: 75 Resp: 1734

Ion Ratio Lower Upper

75 100

77 26.3 22.2 41.2

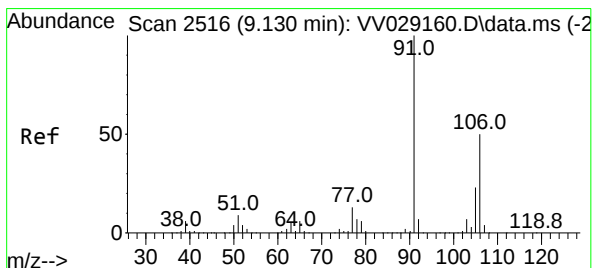
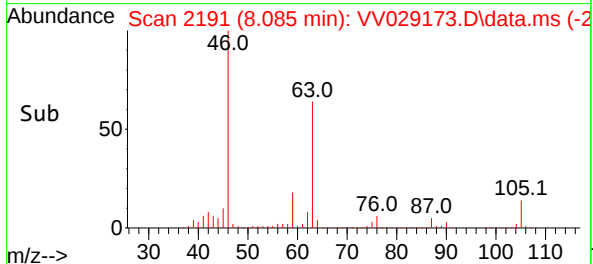
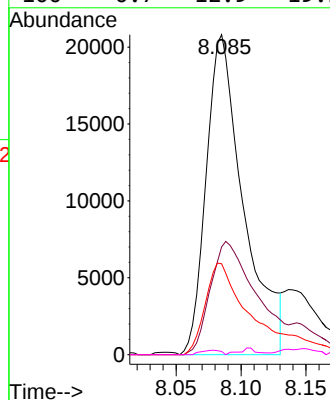
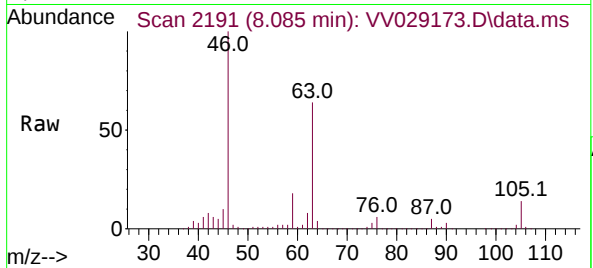




#48
2-Hexanone
Concen: 6.843 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.052 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

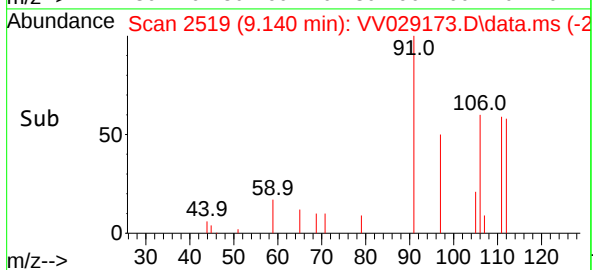
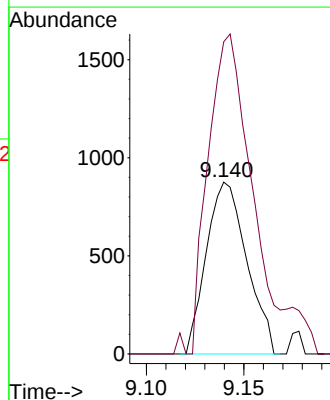
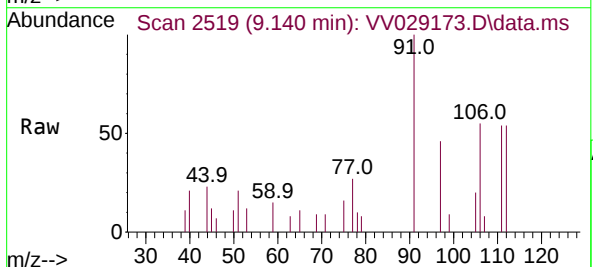
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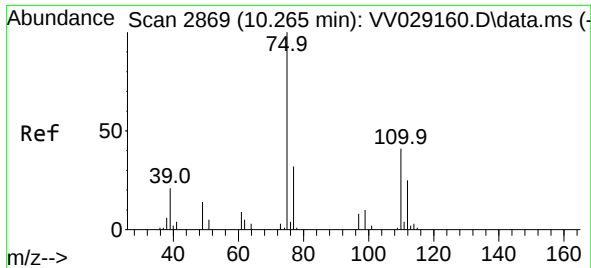
Tgt Ion: 43	Resp: 41642
Ion Ratio	Lower Upper
43 100	
58 44.3	50.2 75.4#
57 37.5	17.8 26.8#
100 0.7	12.9 19.3#



#53
m,p-Xylene
Concen: 0.032 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VV029173.D
Acq: 19 Nov 2022 16:10

Tgt Ion:106	Resp:	1264	
Ion	Ratio	Lower	Upper
106	100		
91	181.6	139.1	258.3





#61
 1,2,3-Trichloropropane
 Concen: 1.610 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029173.D
 Acq: 19 Nov 2022 16:10

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC0

Tgt Ion: 75 Resp: 14297
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.2 39.2
 110 1.8 32.6 48.8#

