

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029075.D
 Acq On : 17 Nov 2022 19:49
 Operator : SY/MD
 Sample : N5604-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8DL

Quant Time: Nov 18 01:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	259384	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	237357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	112177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63270	4.001	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	52887	3.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.104	63	86906	3.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.892	46	147381	55.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.360%
24) Chloroform-d	4.342	84	151502	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.030	65	69195	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	312474	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.066	67	91969	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.310	98	287983	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.622	79	25278	3.918	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.088	63	120786	43.856	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67963	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	109658	5.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1554	0.087	ug/L	93
5) Vinyl chloride	1.310	62	12038	0.588	ug/L #	1
6) Bromomethane	1.523	94	840	0.069	ug/L	88
8) Chloroethane	1.391	64	193506	16.087	ug/L #	52
14) Carbon disulfide	2.294	76	3208	0.058	ug/L	95
16) Methylene chloride	2.503	84	8182	0.403	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	95462	2.836	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	5533	0.304	ug/L	85
19) 1,1-Dichloroethane	3.188	63	4536	0.152	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	89903	4.856	ug/L	92
27) 1,2-Dichloroethane	5.050	62	1470	0.091	ug/L #	70
33) Benzene	5.104	78	6717	0.093	ug/L	100
35) Methylcyclohexane	6.066	83	22654	0.694	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9183	0.549	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1803	0.077	ug/L #	76
60) Isopropylbenzene	10.442	105	2511	0.034	ug/L #	74
61) 1,2,3-Trichloropropane	11.242	75	10990	1.434	ug/L #	64

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 01:37:41 2022
Response via : Initial Calibration

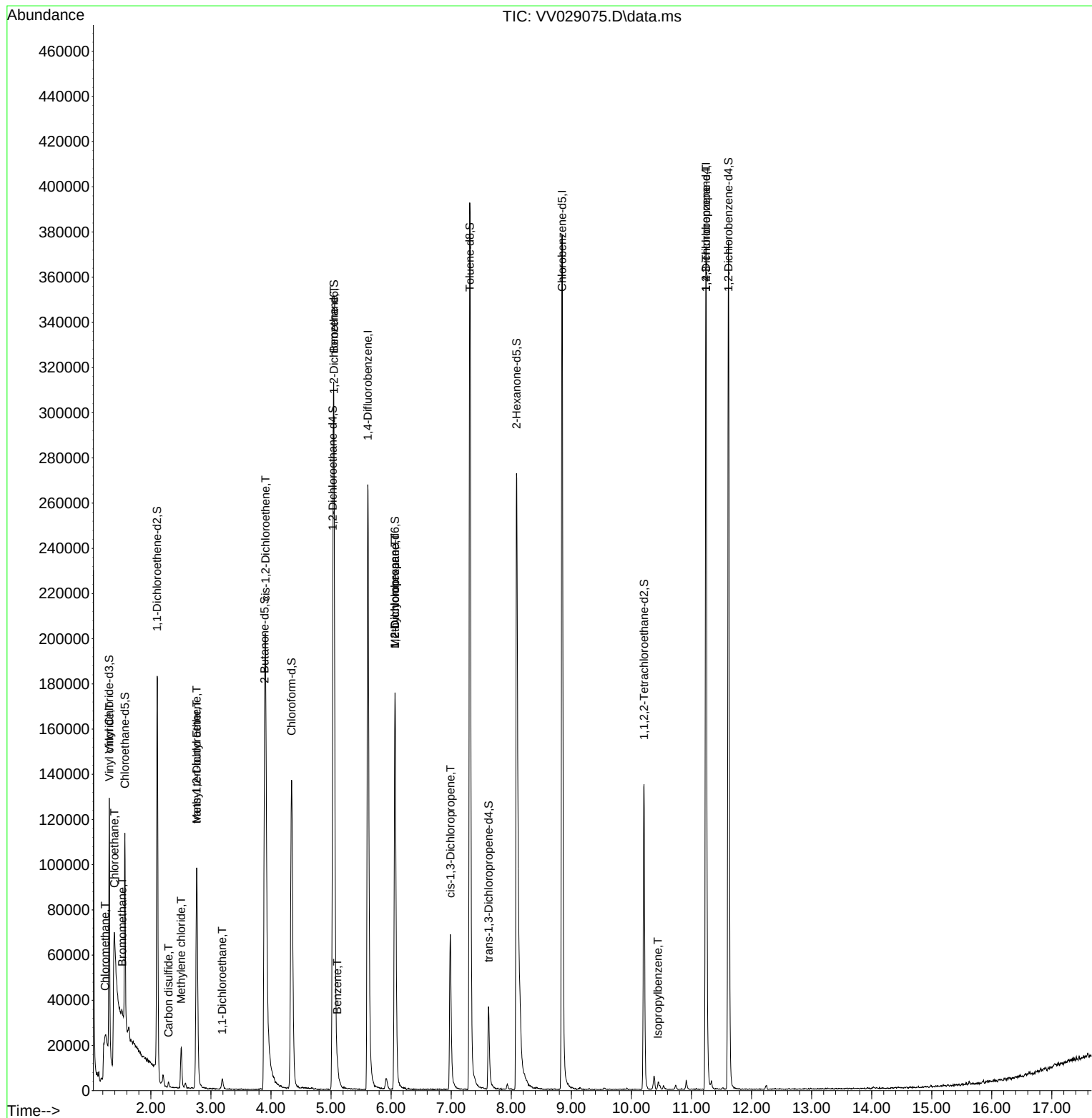
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

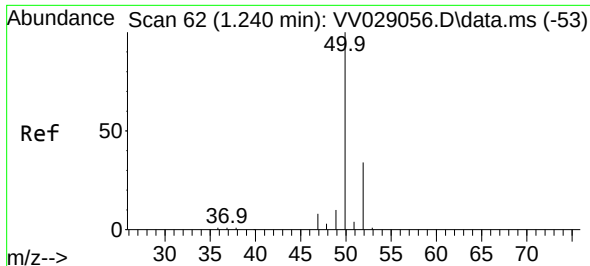
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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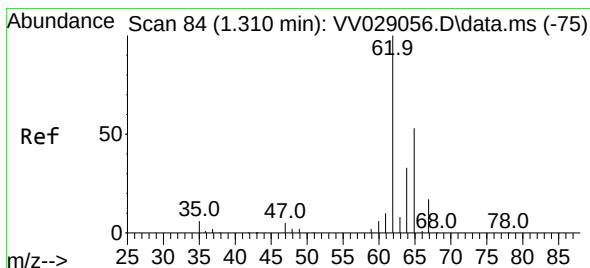
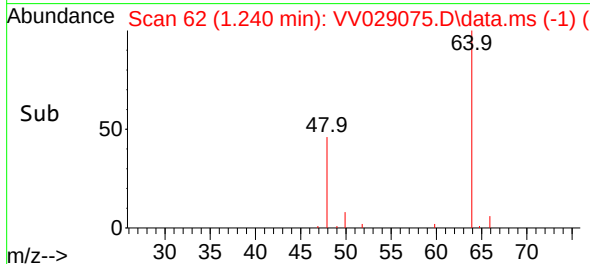
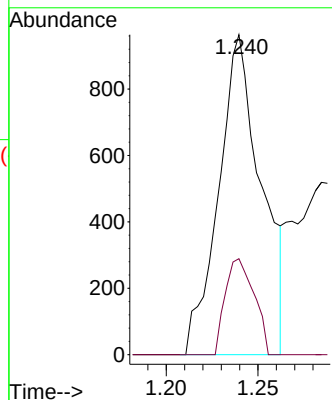
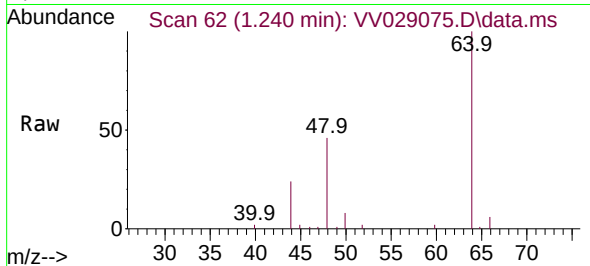




#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

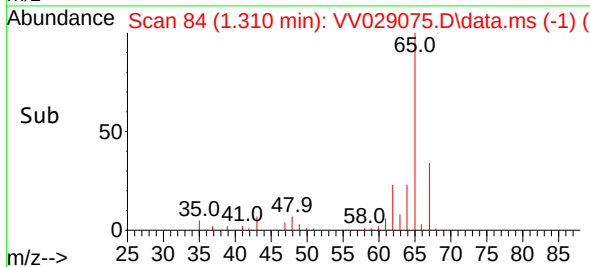
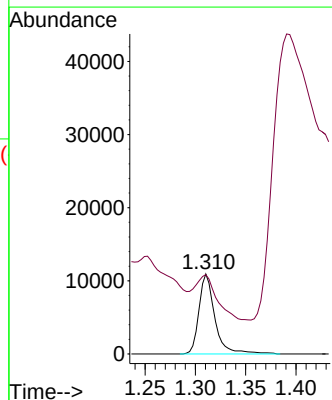
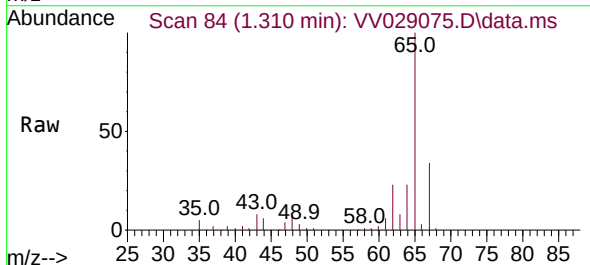
Instrument :
MSVOA_V
ClientSampleId :
H46C8DL

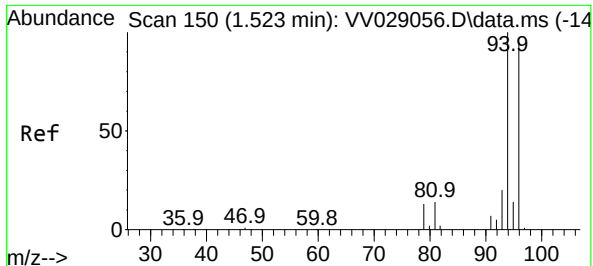
Tgt Ion: 50 Resp: 1554
Ion Ratio Lower Upper
50 100
52 30.0 23.7 43.9



#5
Vinyl chloride
Concen: 0.588 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

Tgt Ion: 62 Resp: 12038
Ion Ratio Lower Upper
62 100
64 99.1 22.8 42.4#

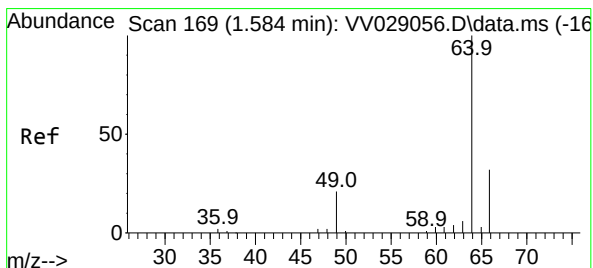
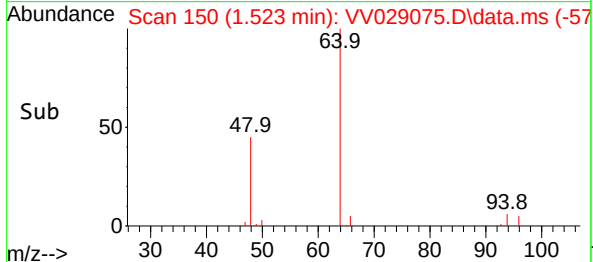
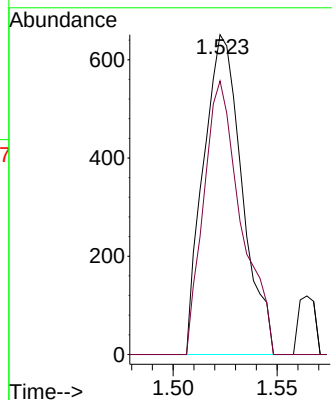
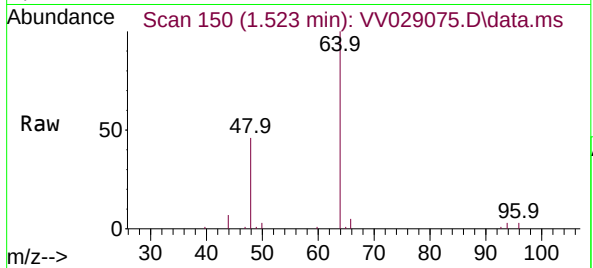




#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

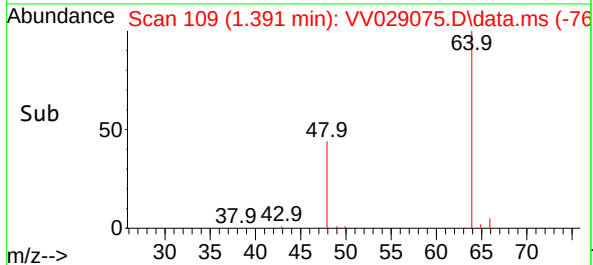
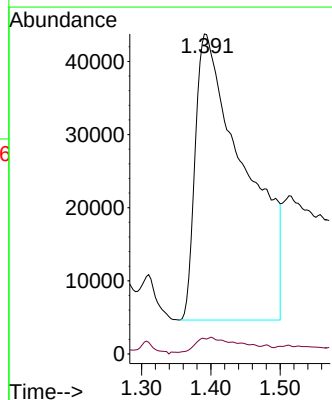
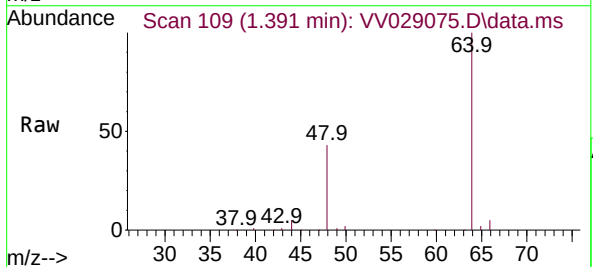
Instrument :
MSVOA_V
ClientSampleId :
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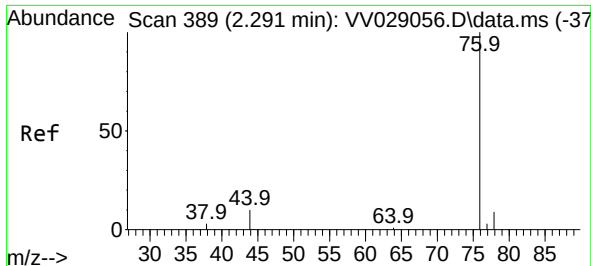
Tgt Ion: 94 Resp: 840
Ion Ratio Lower Upper
94 100
96 85.6 68.5 127.3



#8
Chloroethane
Concen: 16.087 ug/L
RT: 1.391 min Scan# 109
Delta R.T. -0.193 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

Tgt Ion: 64 Resp: 193506
Ion Ratio Lower Upper
64 100
66 4.8 22.0 40.8#

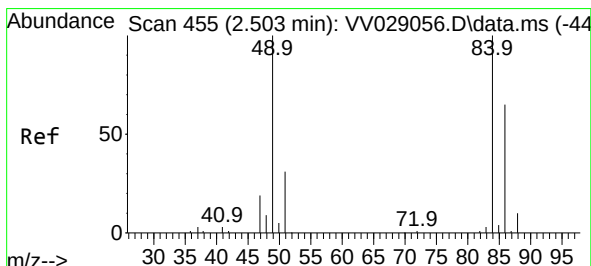
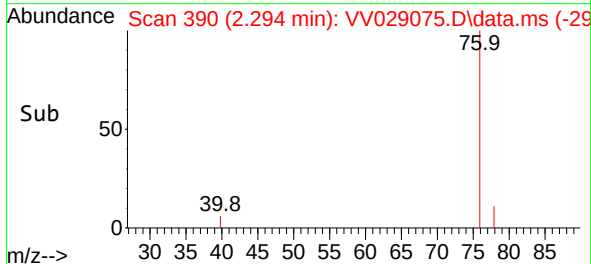
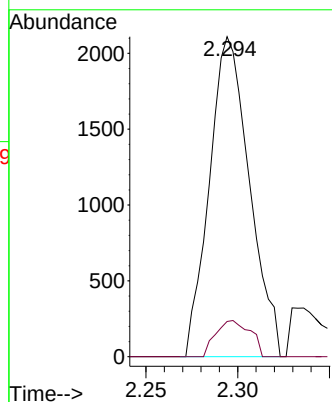
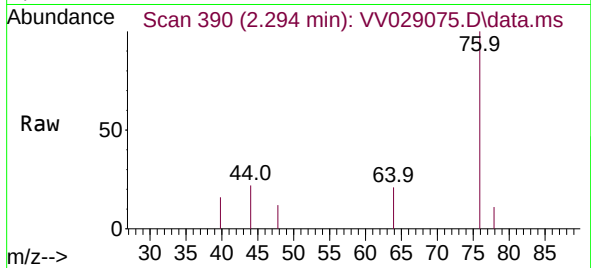




#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

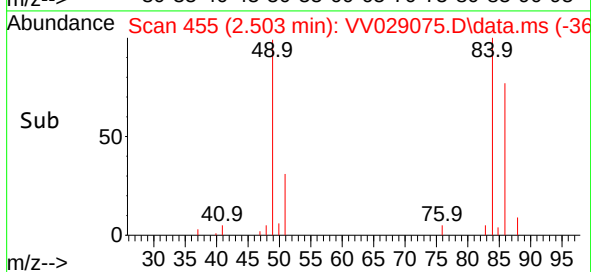
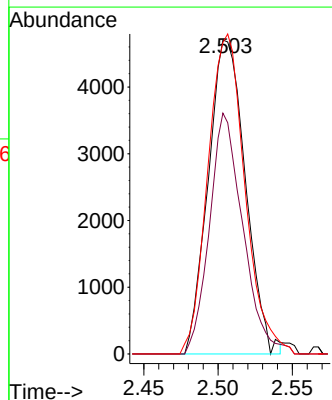
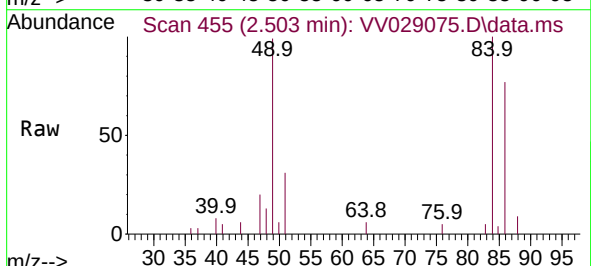
Instrument :
MSVOA_V
ClientSampleId :
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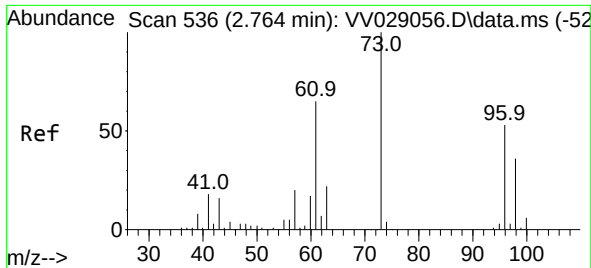
Tgt Ion: 76 Resp: 3208
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.2



#16
Methylene chloride
Concen: 0.403 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

Tgt Ion: 84 Resp: 8182
Ion Ratio Lower Upper
84 100
86 76.7 45.8 85.0
49 99.3 75.5 140.1

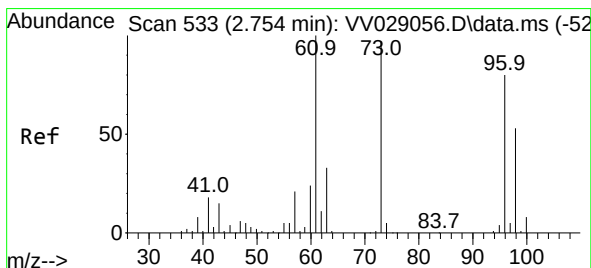
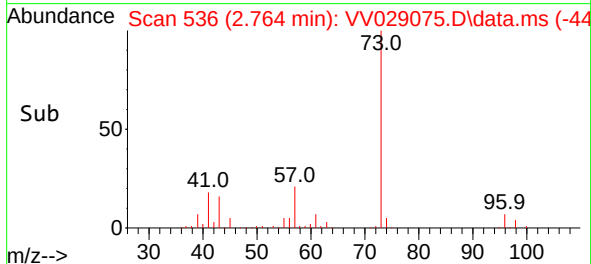
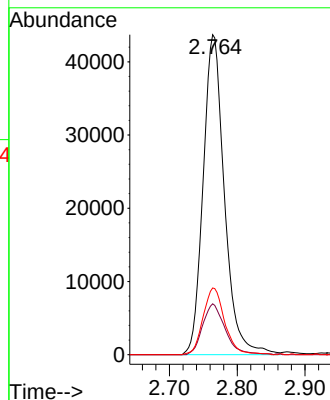
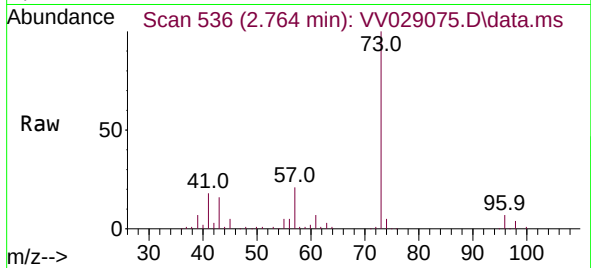




#17
Methyl tert-butyl Ether
Concen: 2.836 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

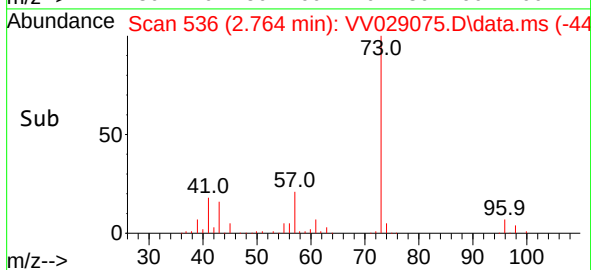
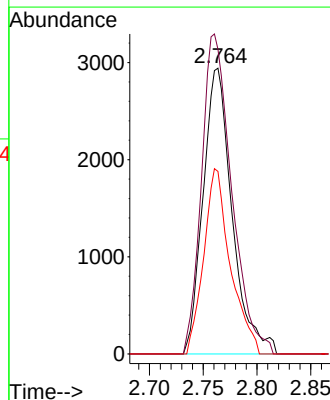
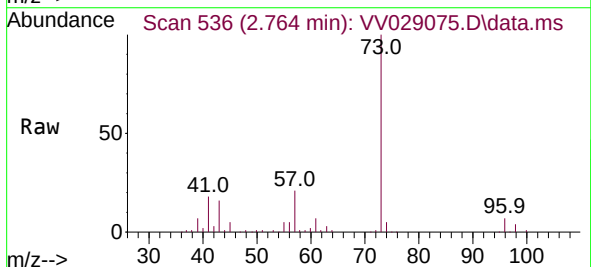
Instrument :
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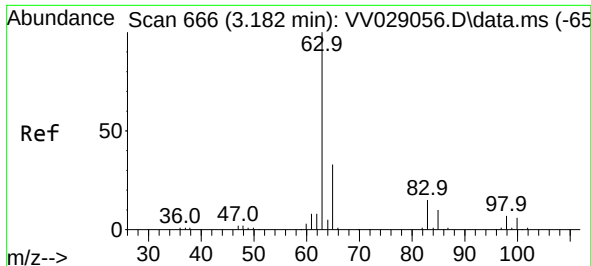
Tgt Ion: 73 Resp: 95462
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 21.2 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.304 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV029075.D
Acq: 17 Nov 2022 19:49

Tgt Ion: 96 Resp: 5533
Ion Ratio Lower Upper
96 100
61 106.6 91.8 170.6
98 63.9 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.152 ug/L

RT: 3.188 min Scan# 666

Delta R.T. 0.006 min

Lab File: VV029075.D

Acq: 17 Nov 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

H46C8DL

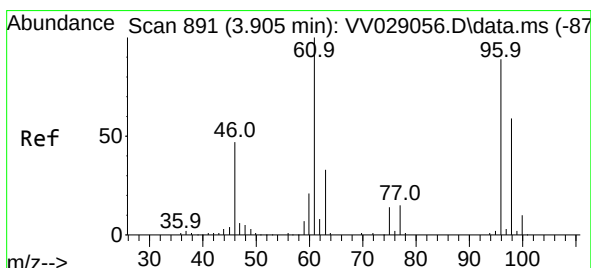
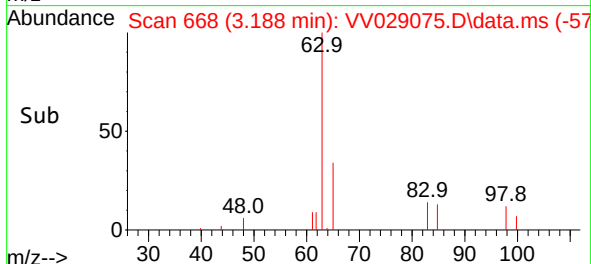
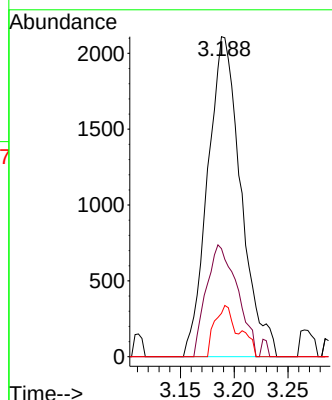
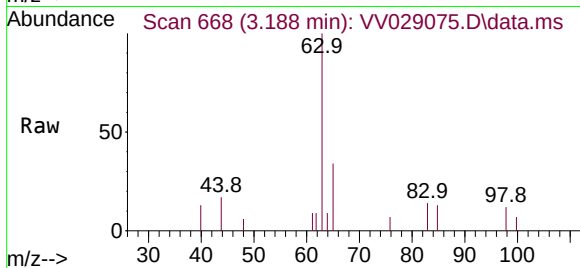
Tgt Ion: 63 Resp: 4536

Ion Ratio Lower Upper

63 100

65 33.7 23.0 42.6

83 13.6 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 4.856 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV029075.D

Acq: 17 Nov 2022 19:49

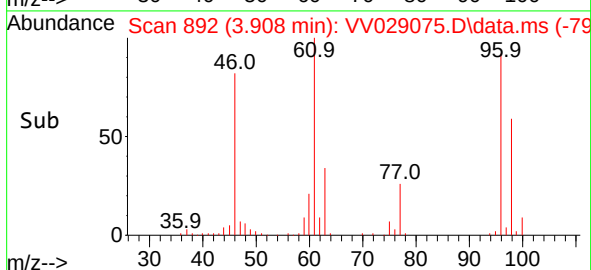
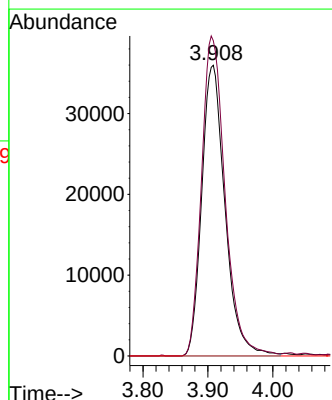
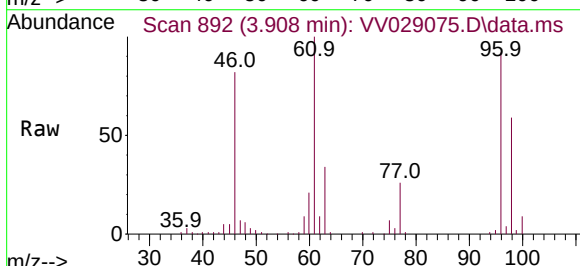
Tgt Ion: 96 Resp: 89903

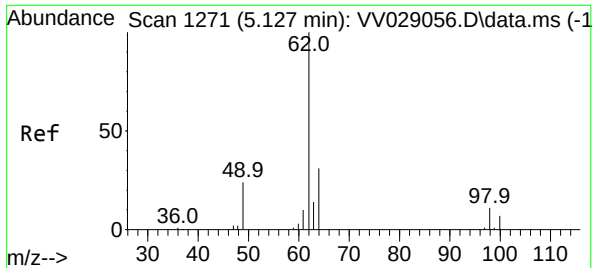
Ion Ratio Lower Upper

96 100

61 108.4 82.3 152.9

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

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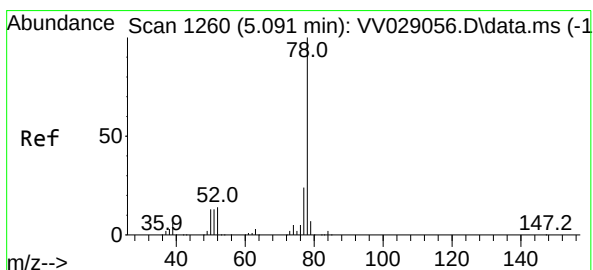
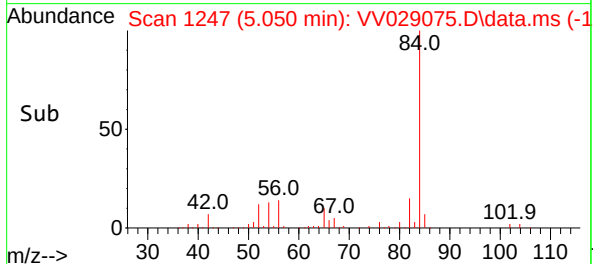
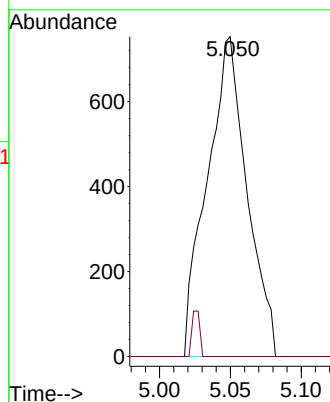
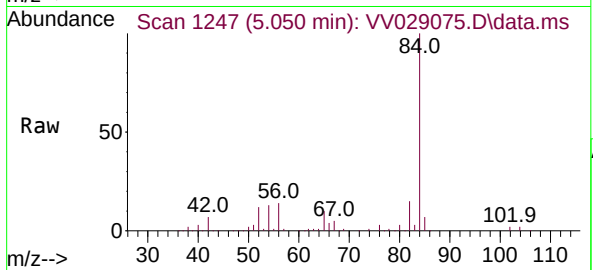
H46C8DL

Tgt Ion: 62 Resp: 1470

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#33

Benzene

Concen: 0.093 ug/L

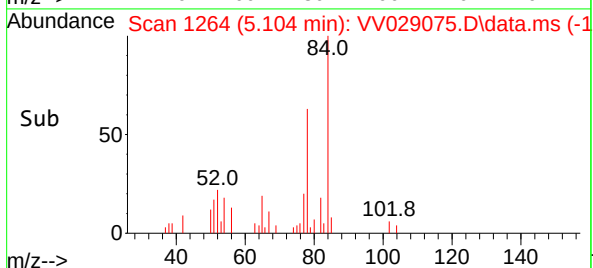
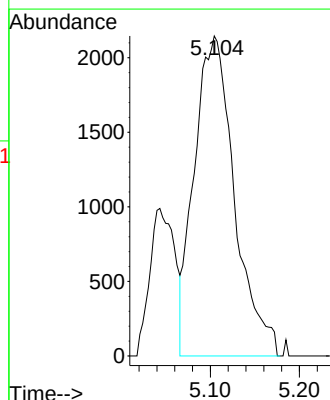
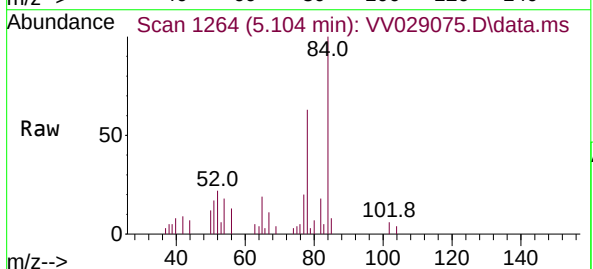
RT: 5.104 min Scan# 1264

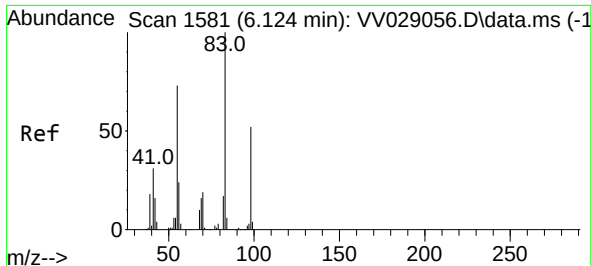
Delta R.T. 0.013 min

Lab File: VV029075.D

Acq: 17 Nov 2022 19:49

Tgt Ion: 78 Resp: 6717





#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

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Instrument :

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ClientSampleId :

H46C8DL

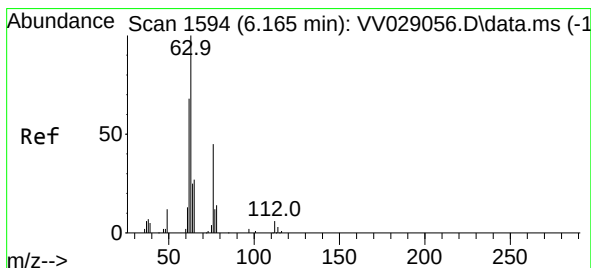
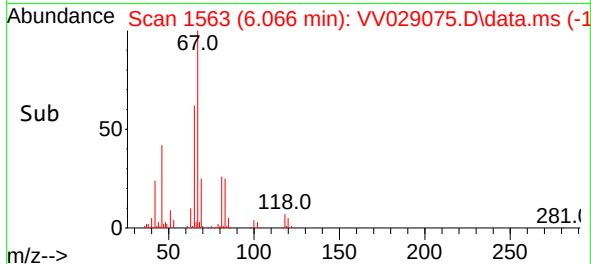
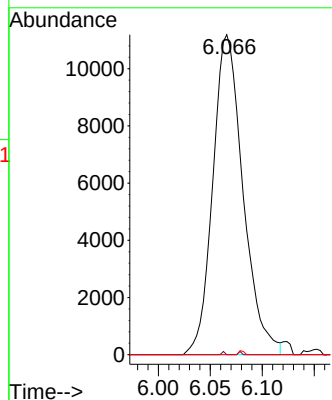
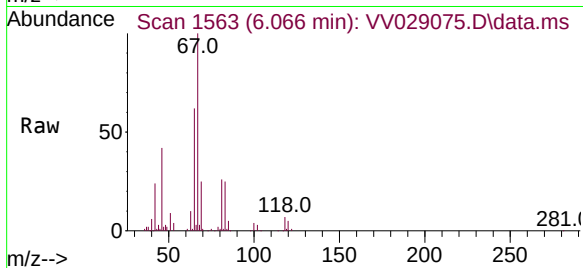
Tgt Ion: 83 Resp: 22654

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 0.4 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV029075.D

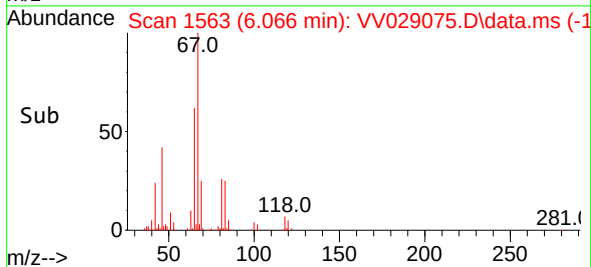
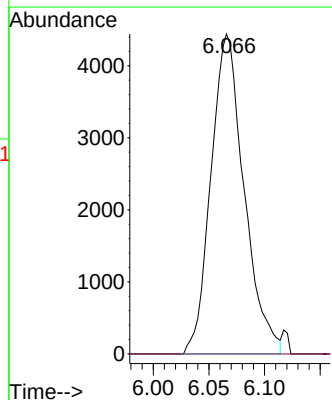
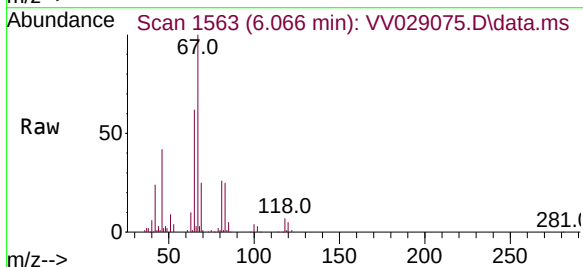
Acq: 17 Nov 2022 19:49

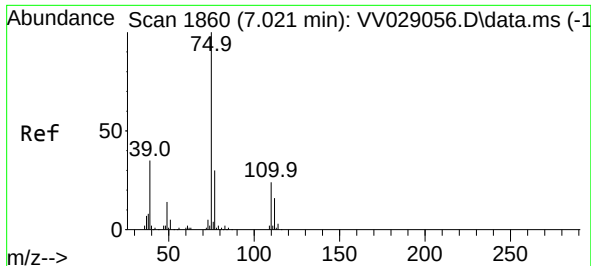
Tgt Ion: 63 Resp: 9183

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV029075.D

Acq: 17 Nov 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

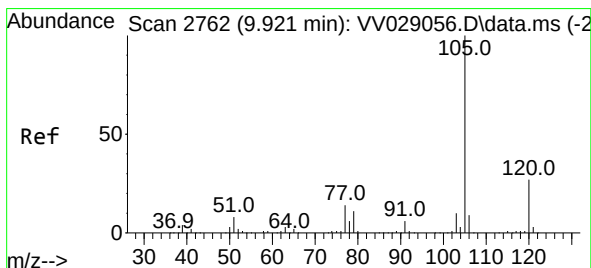
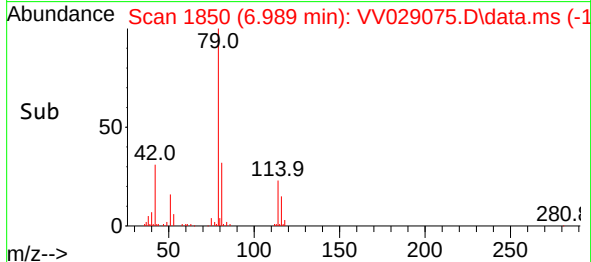
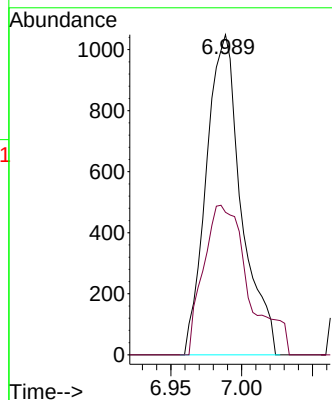
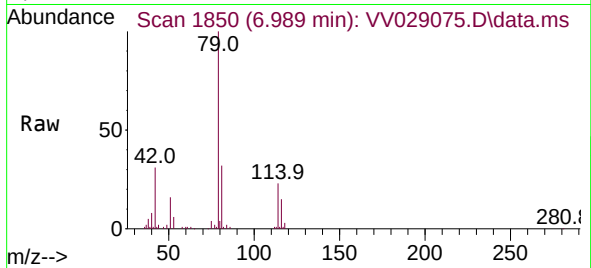
H46C8DL

Tgt Ion: 75 Resp: 1803

Ion Ratio Lower Upper

75 100

77 44.5 21.8 40.6#



#60

Isopropylbenzene

Concen: 0.034 ug/L

RT: 10.442 min Scan# 2924

Delta R.T. 0.521 min

Lab File: VV029075.D

Acq: 17 Nov 2022 19:49

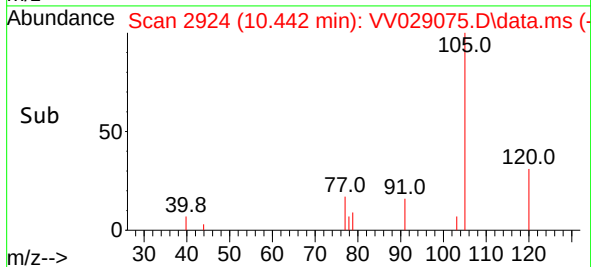
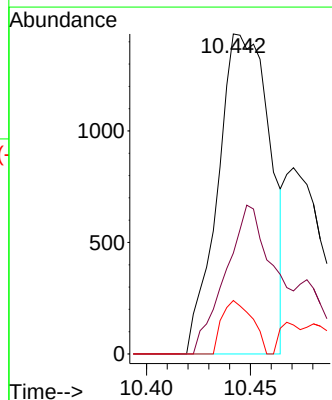
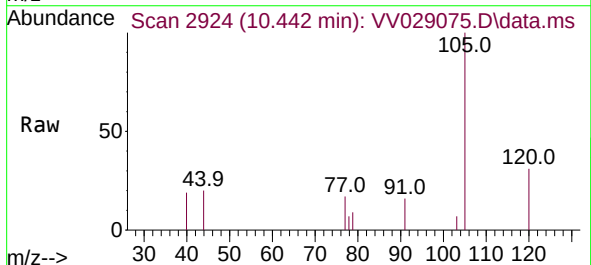
Tgt Ion: 105 Resp: 2511

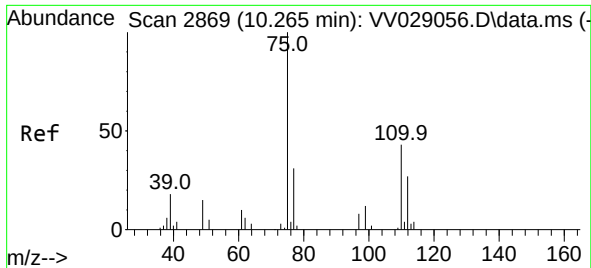
Ion Ratio Lower Upper

105 100

120 43.9 21.3 31.9#

77 9.7 11.8 17.8#





#61

1,2,3-Trichloropropane

Concen: 1.434 ug/L

RT: 11.242 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV029075.D

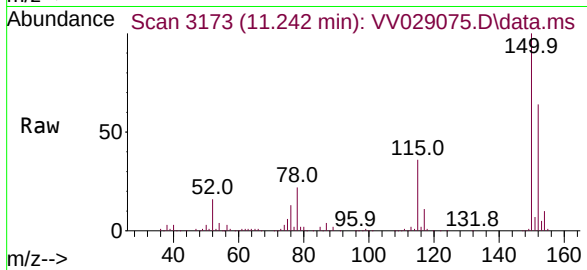
Acq: 17 Nov 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

H46C8DL



Tgt Ion: 75 Resp: 10990

Ion Ratio Lower Upper

75 100

77 35.7 26.2 39.2

110 3.0 32.6 48.8#

