

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
 Data File : VW028577.D
 Acq On : 17 Oct 2022 10:39
 Operator : SY/MD
 Sample : N5163-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BD715

Quant Time: Oct 18 01:20:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

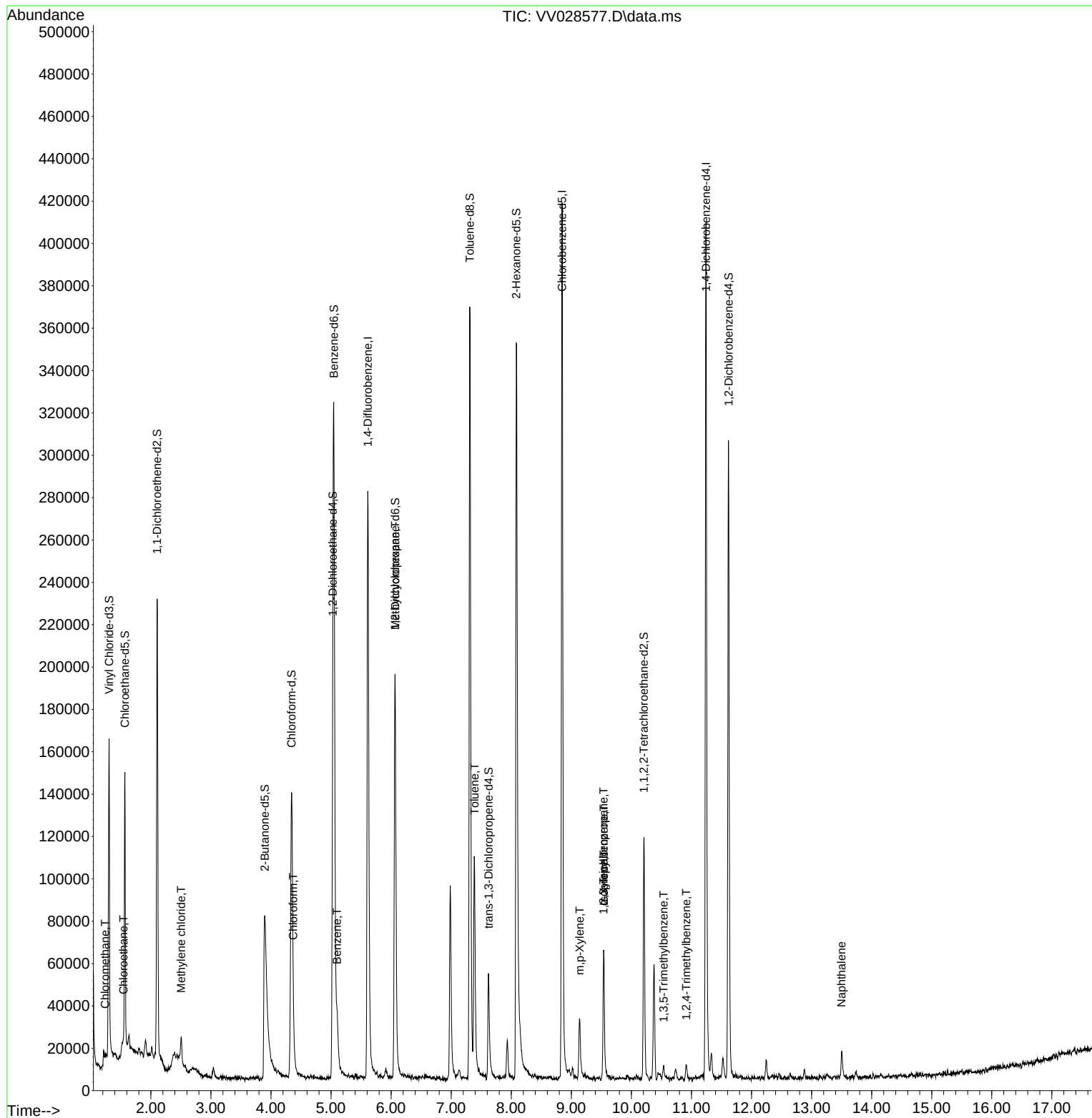
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	232271	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	217553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	96377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86196	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.568	69	76469	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.104	63	121013	3.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.895	46	190769	44.392	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.780%
24) Chloroform-d	4.342	84	135808	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.027	65	70364	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.047	84	279634	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.066	67	93848	4.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.310	98	236629	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	30363	3.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.085	63	136536	41.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.620%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	56197	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	72980	4.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
3) Chloromethane	1.240	50	1873	0.085	ug/L	94
8) Chloroethane	1.542	64	12879	0.928	ug/L #	61
16) Methylene chloride	2.506	84	4793	0.235	ug/L	94
25) Chloroform	4.371	83	8768	0.273	ug/L	94
33) Benzene	5.098	78	24928	0.324	ug/L	100
35) Methylcyclohexane	6.066	83	21201	0.694	ug/L #	18
42) Toluene	7.387	91	77959	1.081	ug/L	98
53) m,p-Xylene	9.140	106	7985	0.266	ug/L	98
54) o-Xylene	9.538	106	16467	0.567	ug/L	96
60) Isopropylbenzene	9.538	105	6935	0.099	ug/L #	22
61) 1,2,3-Trichloropropane	9.535	75	525	0.061	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.535	105	2894	0.137	ug/L	95
63) 1,2,4-Trimethylbenzene	10.914	105	3583	0.062	ug/L	97
71) Naphthalene	13.500	128	9375	0.378	ug/L #	95

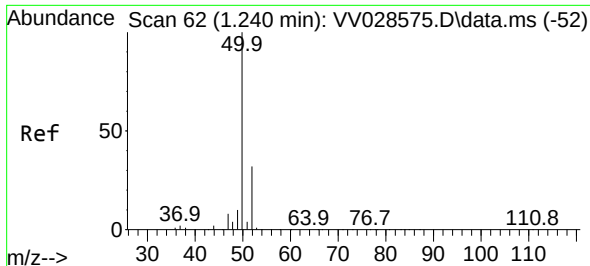
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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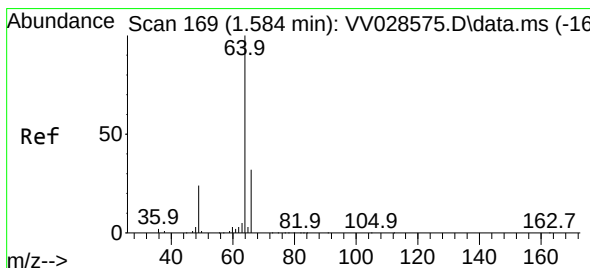
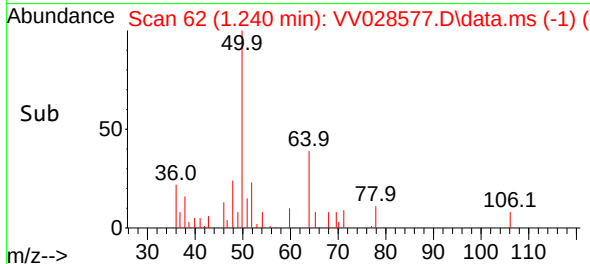
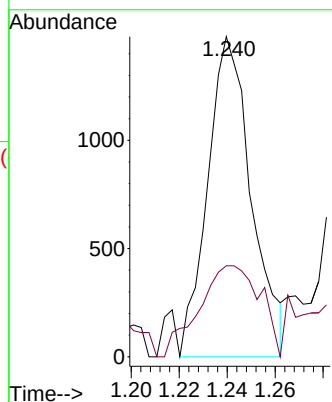
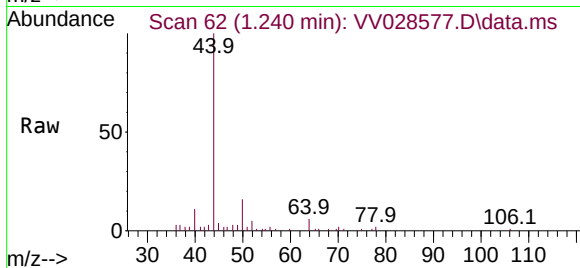




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

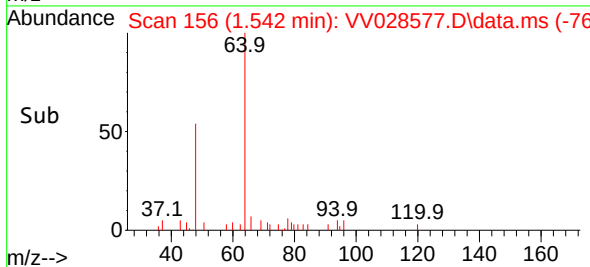
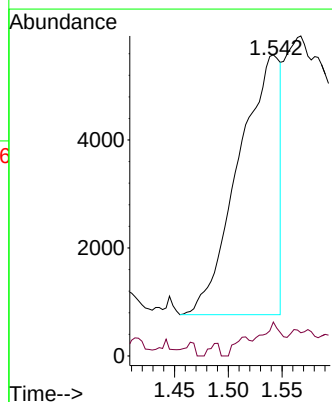
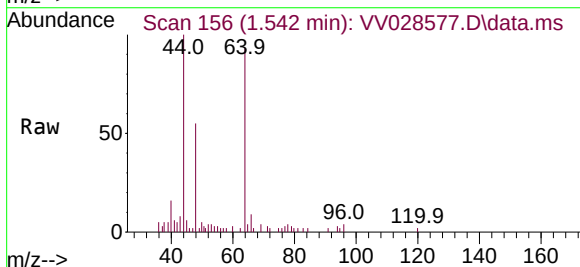
Instrument :
MSVOA_V
ClientSampleId :
BD715

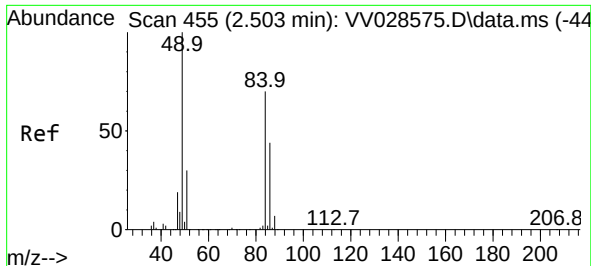
Tgt Ion: 50 Resp: 1873
Ion Ratio Lower Upper
50 100
52 28.4 22.0 41.0



#8
Chloroethane
Concen: 0.928 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.042 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

Tgt Ion: 64 Resp: 12879
Ion Ratio Lower Upper
64 100
66 10.8 23.0 42.8#

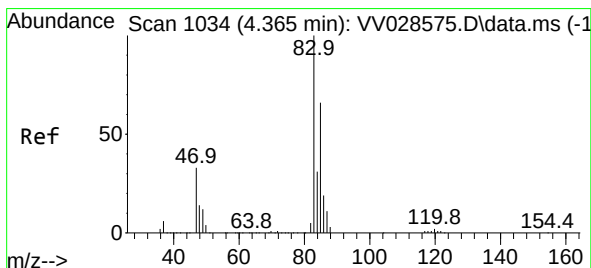
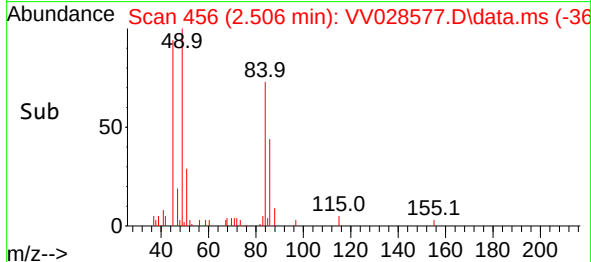
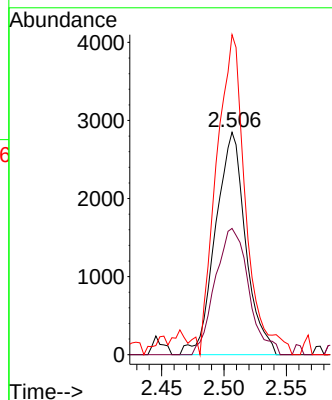
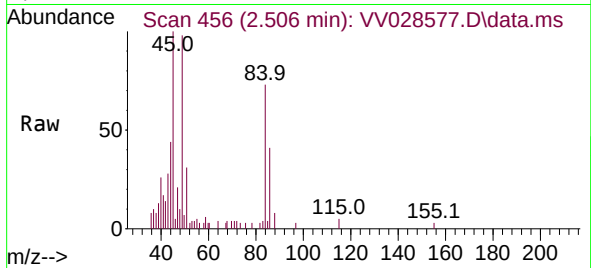




#16
Methylene chloride
Concen: 0.235 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

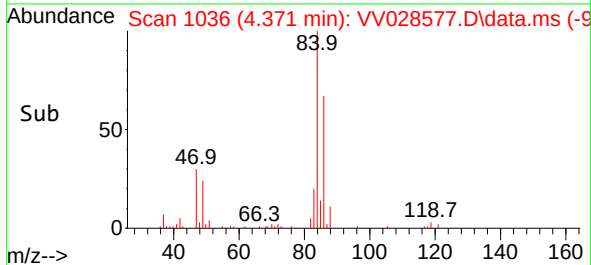
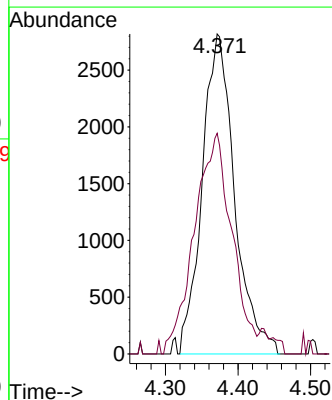
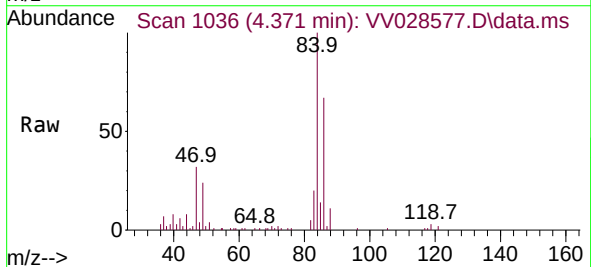
Instrument :
MSVOA_V
ClientSampleId :
BD715

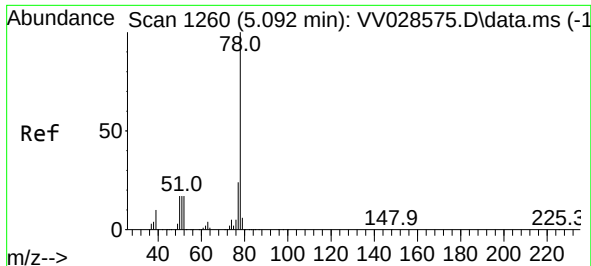
Tgt Ion: 84 Resp: 4793
Ion Ratio Lower Upper
84 100
86 56.8 42.8 79.6
49 143.9 106.4 197.6



#25
Chloroform
Concen: 0.273 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

Tgt Ion: 83 Resp: 8768
Ion Ratio Lower Upper
83 100
85 68.9 45.1 83.9

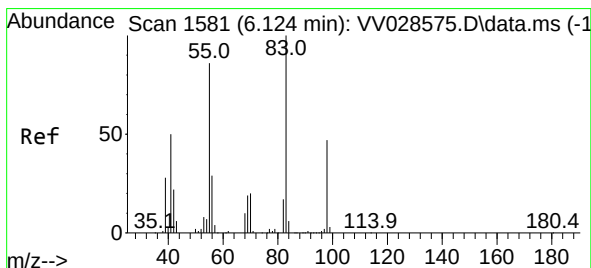
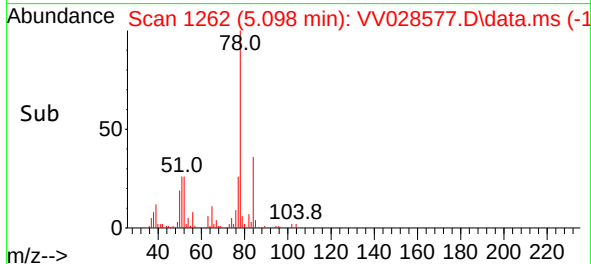
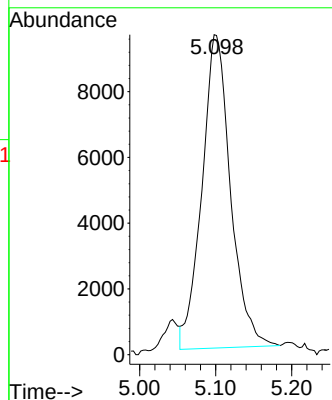
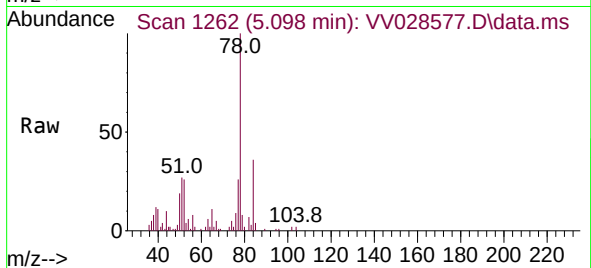




#33
Benzene
Concen: 0.324 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

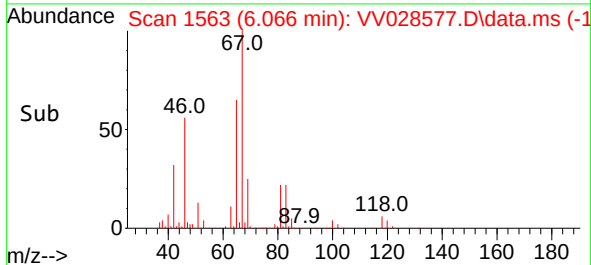
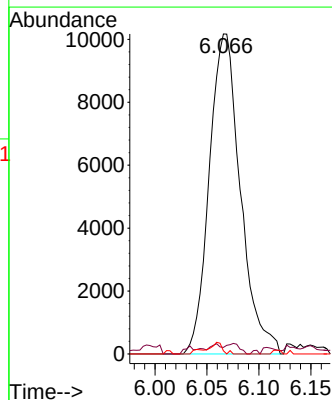
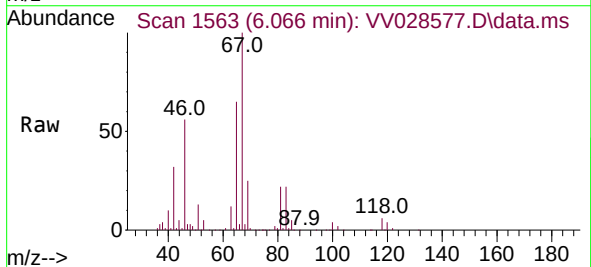
Instrument :
MSVOA_V
ClientSampleId :
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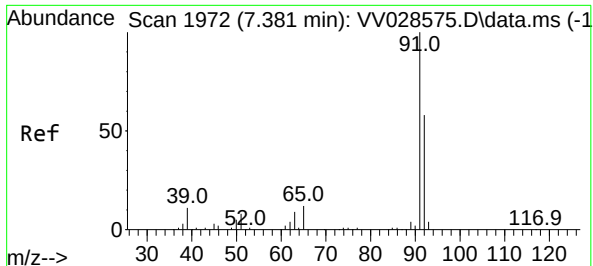
Tgt Ion: 78 Resp: 24928



#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

Tgt Ion: 83 Resp: 21201
Ion Ratio Lower Upper
83 100
55 1.6 65.0 97.6#
98 1.4 36.4 54.6#

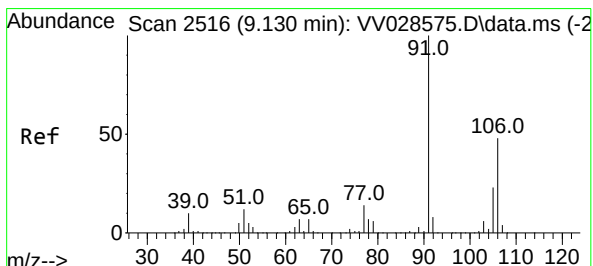
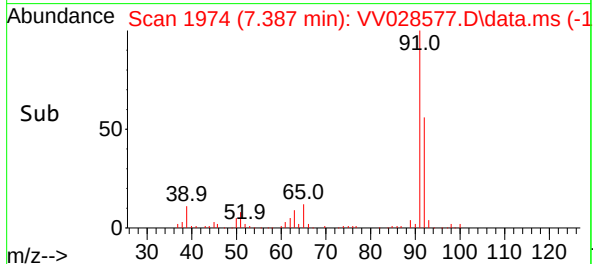
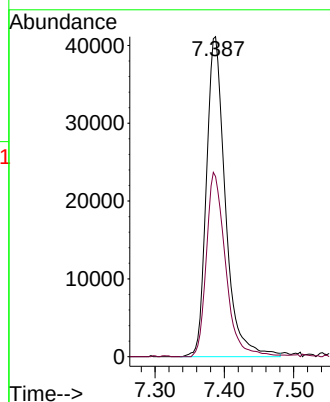
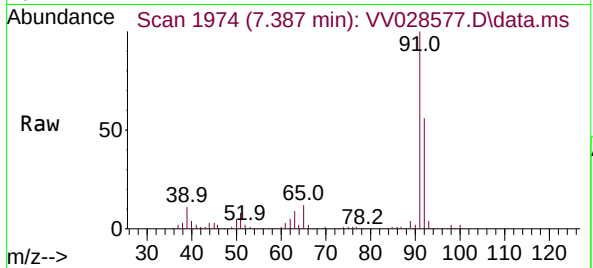




#42
Toluene
Concen: 1.081 ug/L
RT: 7.387 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

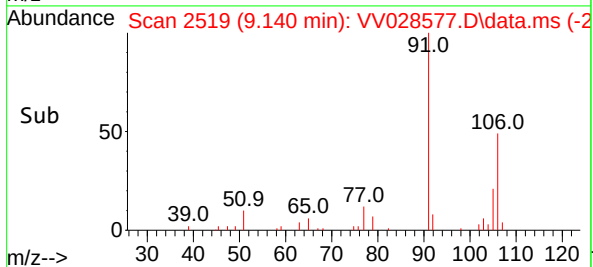
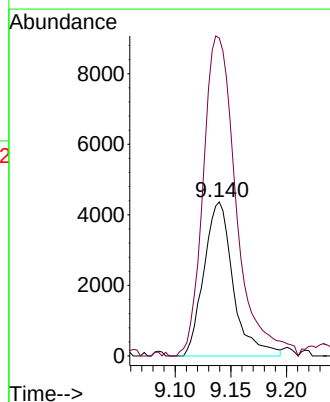
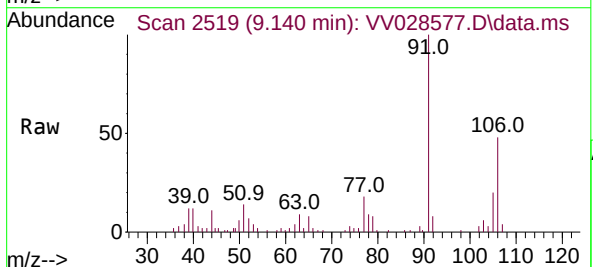
Instrument :
MSVOA_V
ClientSampleId :
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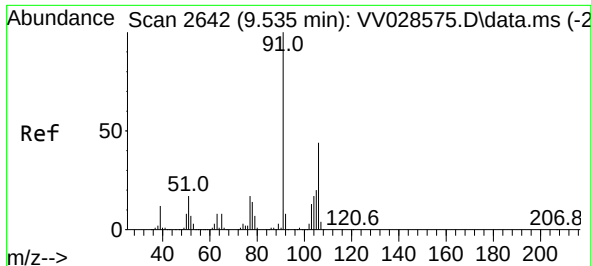
Tgt Ion: 91 Resp: 77959
Ion Ratio Lower Upper
91 100
92 56.3 40.7 75.5



#53
m,p-Xylene
Concen: 0.266 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

Tgt Ion: 106 Resp: 7985
Ion Ratio Lower Upper
106 100
91 206.2 146.9 272.9

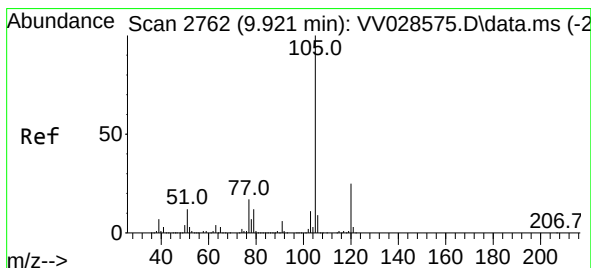
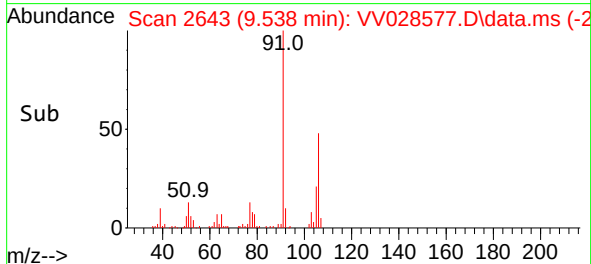
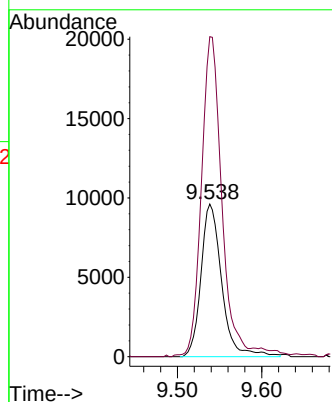
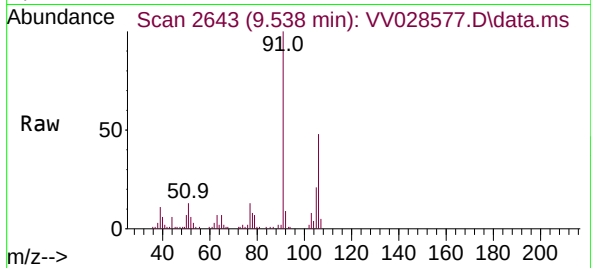




#54
o-Xylene
Concen: 0.567 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

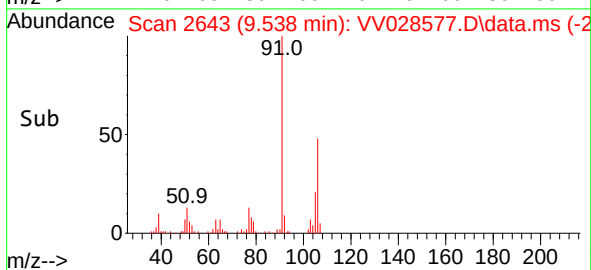
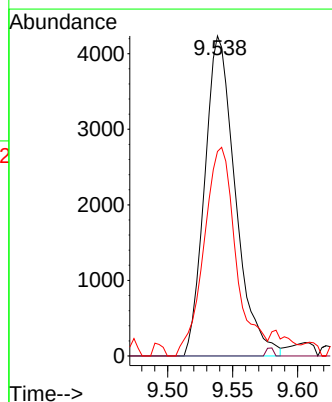
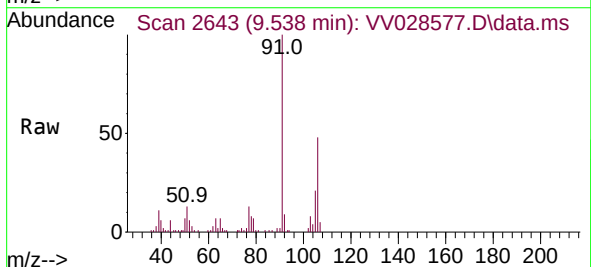
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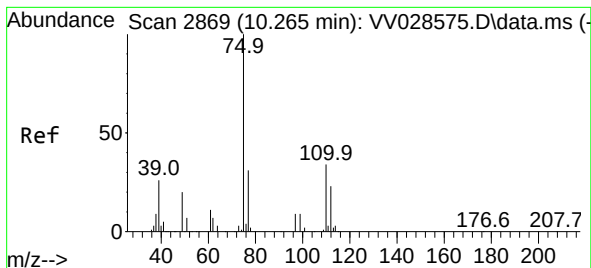
Tgt Ion:106 Resp: 16467
Ion Ratio Lower Upper
106 100
91 209.6 151.4 281.2



#60
Isopropylbenzene
Concen: 0.099 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.383 min
Lab File: VV028577.D
Acq: 17 Oct 2022 10:39

Tgt Ion:105 Resp: 6935
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1#
77 68.2 13.1 19.7#





#61

1,2,3-Trichloropropane

Concen: 0.061 ug/L

RT: 9.535 min Scan# 2

Delta R.T. -0.730 min

Lab File: VV028577.D

Acq: 17 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

BD715

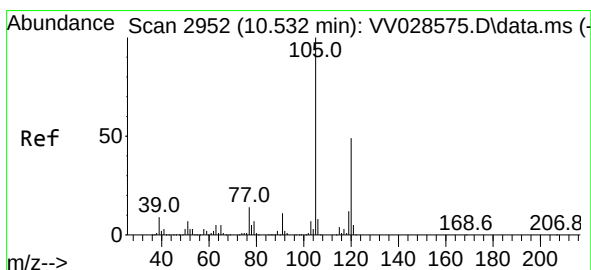
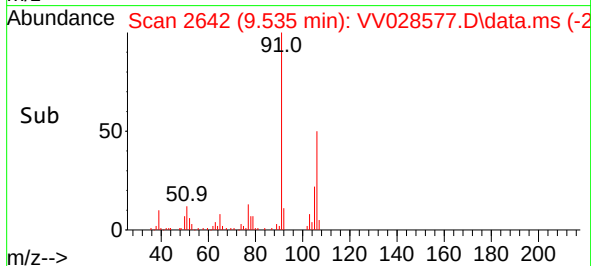
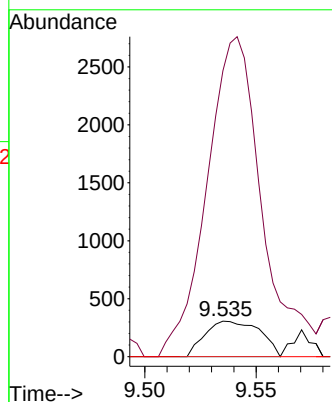
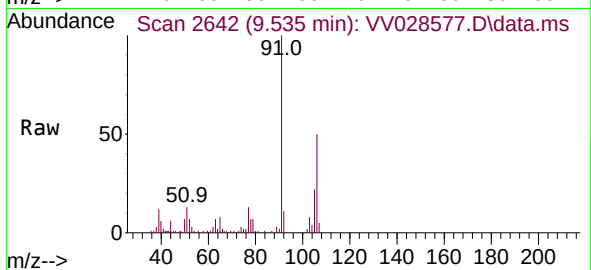
Tgt Ion: 75 Resp: 525

Ion Ratio Lower Upper

75 100

77 901.3 24.6 37.0#

110 0.0 28.3 42.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.137 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV028577.D

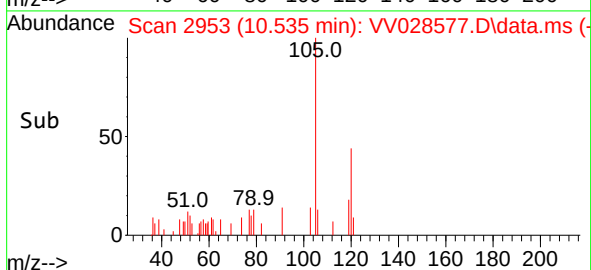
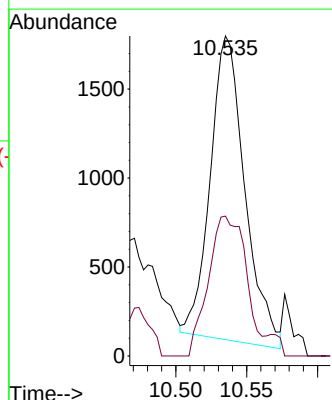
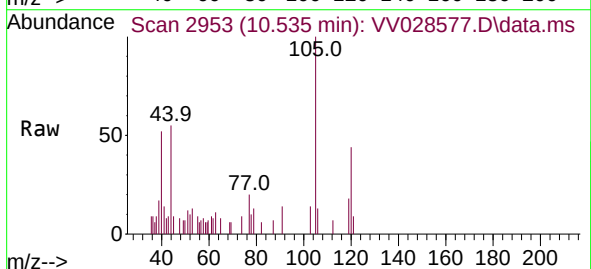
Acq: 17 Oct 2022 10:39

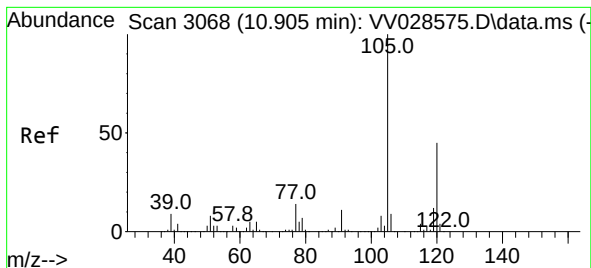
Tgt Ion:105 Resp: 2894

Ion Ratio Lower Upper

105 100

120 50.7 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 0.062 ug/L

RT: 10.914 min Scan# 3068

Delta R.T. 0.010 min

Lab File: VV028577.D

Acq: 17 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

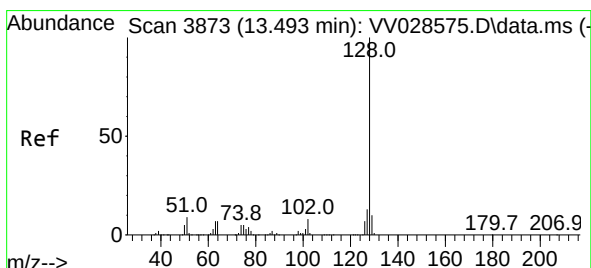
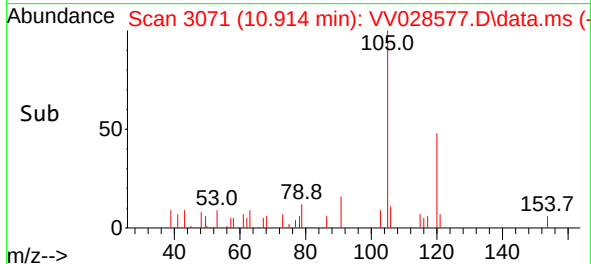
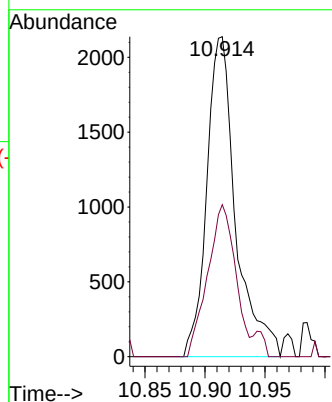
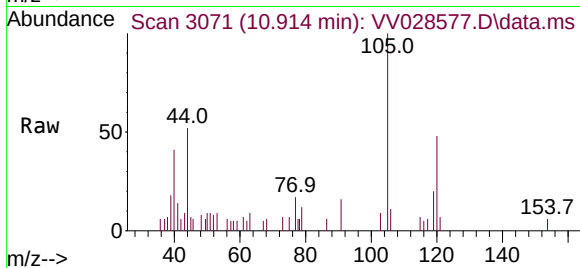
BD715

Tgt Ion:105 Resp: 3583

Ion Ratio Lower Upper

105 100

120 46.2 35.6 53.4



#71

Naphthalene

Concen: 0.378 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.006 min

Lab File: VV028577.D

Acq: 17 Oct 2022 10:39

Tgt Ion:128 Resp: 9375

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

127 15.4 10.1 15.1#

