

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028694.D
 Acq On : 26 Oct 2022 14:46
 Operator : SY/MD
 Sample : N5216-13DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:23:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	160555	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	152020	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	69852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49269	4.412	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.565	69	48047	5.089	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.101	63	76504	3.542	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.892	46	144290	56.670	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.340%
24) Chloroform-d	4.343	84	91949	4.742	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.031	65	49750	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.047	84	184628	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.066	67	64637	5.023	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.313	98	144779	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.622	79	15057	3.766	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.088	63	99121	53.258	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.520%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45606	5.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	49726	5.161	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	842	0.067	ug/L #	44
8) Chloroethane	1.581	64	1376	0.161	ug/L	95
14) Carbon disulfide	2.291	76	1251	0.061	ug/L #	56
16) Methylene chloride	2.503	84	6392	0.525	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	860	0.037	ug/L #	19
30) Cyclohexane	4.680	56	1150	0.061	ug/L #	82
33) Benzene	5.095	78	479946	10.564	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	1010	0.089	ug/L #	42
51) Chlorobenzene	8.879	112	61556	2.269	ug/L	97
52) Ethylbenzene	9.018	91	5841	0.122	ug/L	85
53) m,p-Xylene	9.133	106	36759	2.126	ug/L	95
54) o-Xylene	9.538	106	24255	1.395	ug/L	91
60) Isopropylbenzene	9.928	105	18483	0.420	ug/L	98
61) 1,2,3-Trichloropropane	9.538	75	880	0.147	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.538	105	3206	0.250	ug/L	89
63) 1,2,4-Trimethylbenzene	10.911	105	8400	0.237	ug/L	92
71) Naphthalene	13.509	128	1594	0.085	ug/L #	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 27 06:23:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration

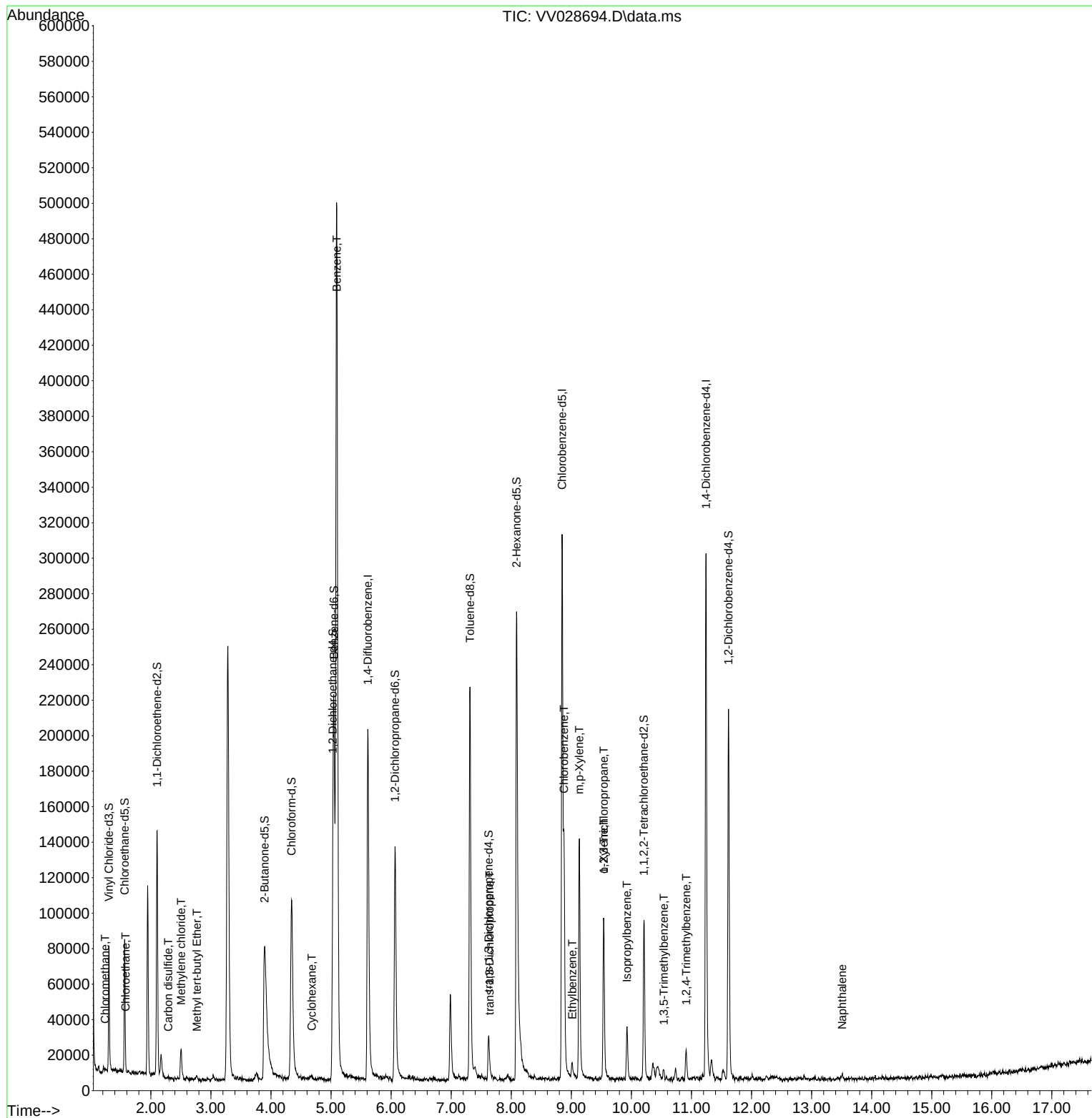
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

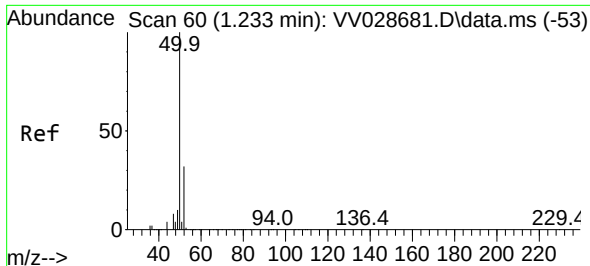
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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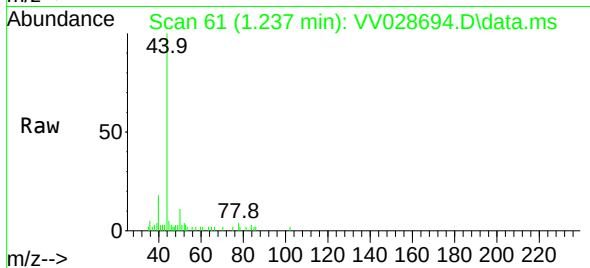
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
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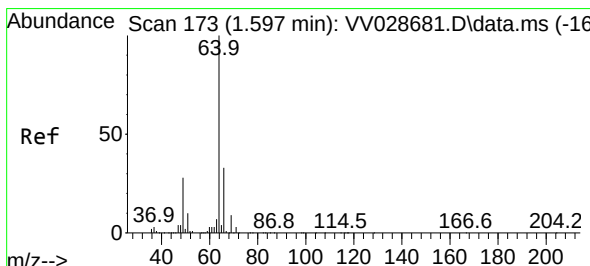
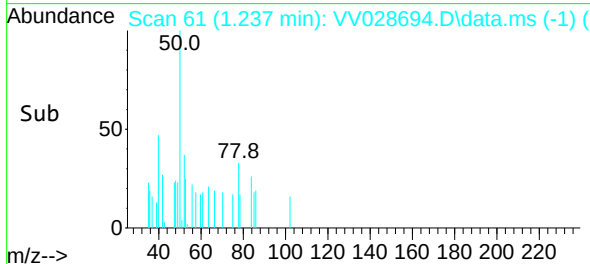
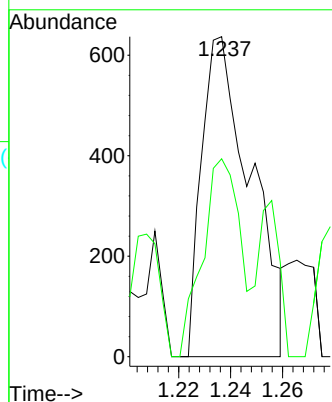


#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

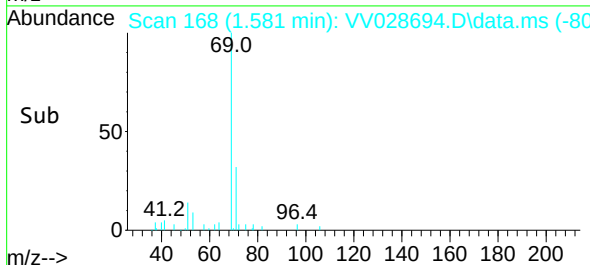
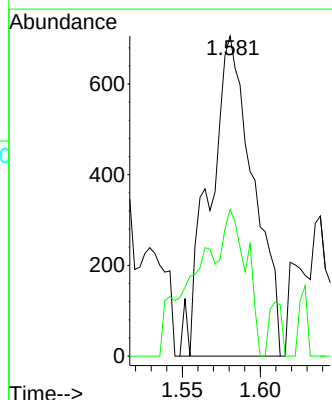
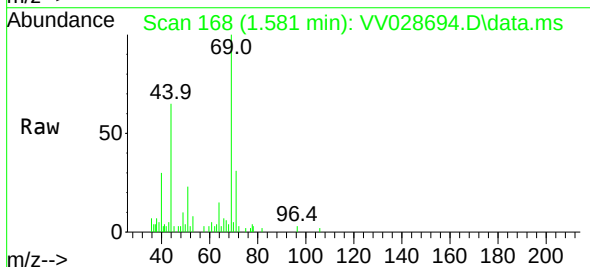


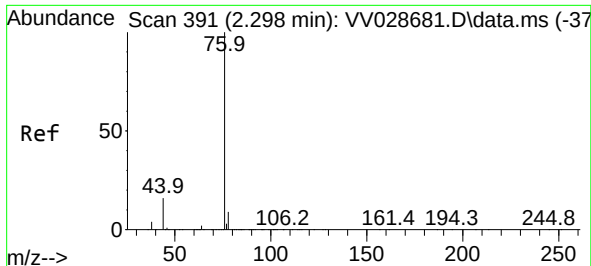
Tgt Ion: 50 Resp: 842
Ion Ratio Lower Upper
50 100
52 61.9 21.8 40.6#



#8
Chloroethane
Concen: 0.161 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.016 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion: 64 Resp: 1376
Ion Ratio Lower Upper
64 100
66 37.0 23.9 44.5

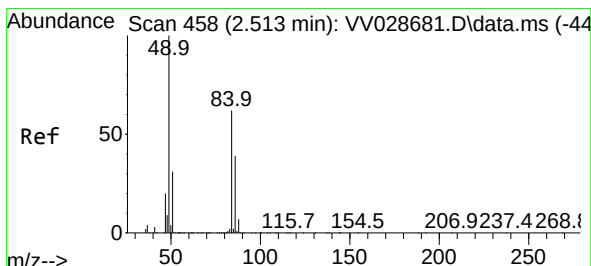
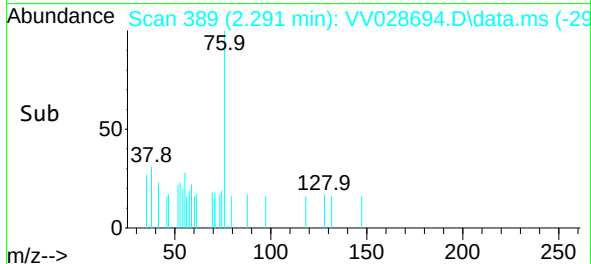
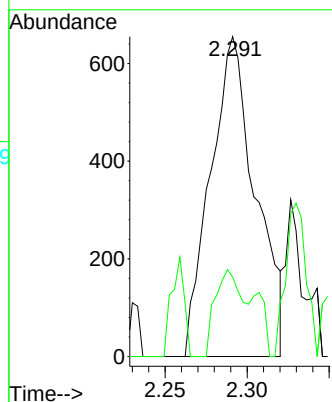
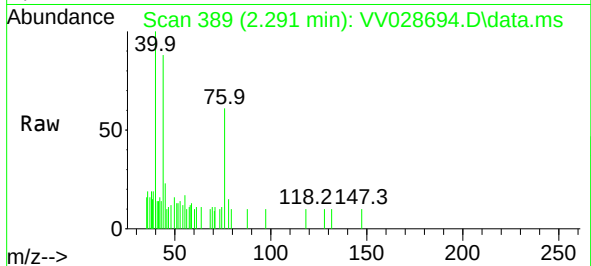




#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.291 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

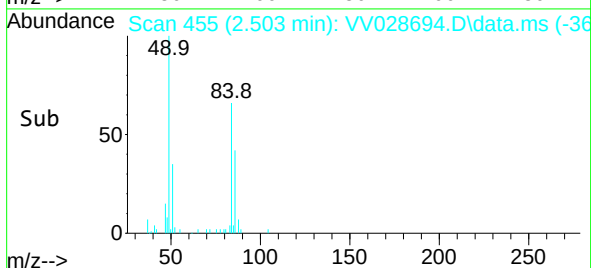
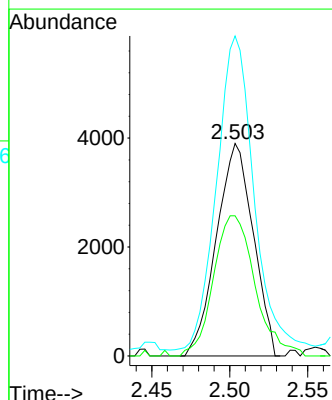
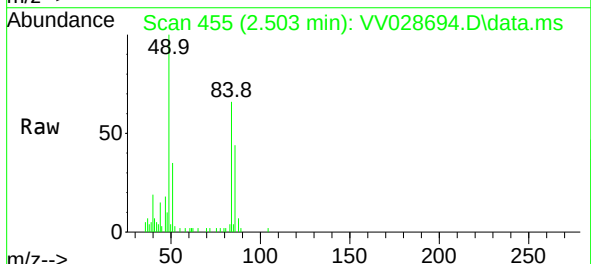
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MSVOA_V
ClientSampleId :

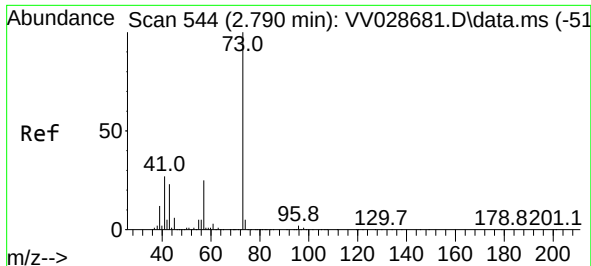
Tgt Ion: 76 Resp: 1251
Ion Ratio Lower Upper
76 100
78 24.9 7.1 10.7#



#16
Methylene chloride
Concen: 0.525 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.010 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion: 84 Resp: 6392
Ion Ratio Lower Upper
84 100
86 66.0 44.4 82.4
49 157.2 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 0.037 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.023 min

Lab File: VV028694.D

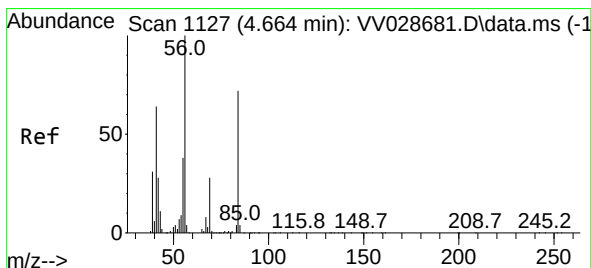
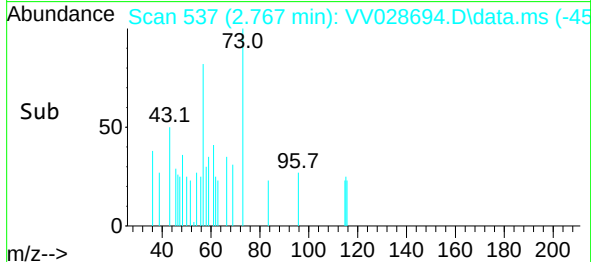
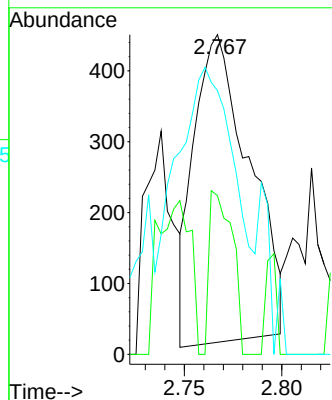
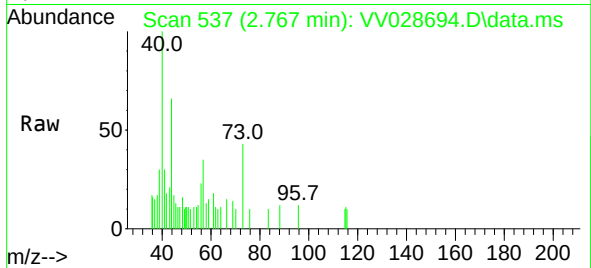
Acq: 26 Oct 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73	Resp: 860
Ion Ratio	Lower Upper
73	100
43	22.0 18.0 27.0
57	102.0 20.0 30.0#



#30

Cyclohexane

Concen: 0.061 ug/L

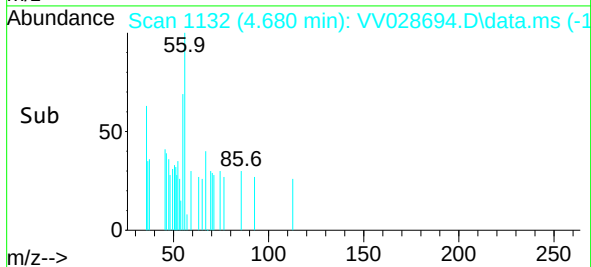
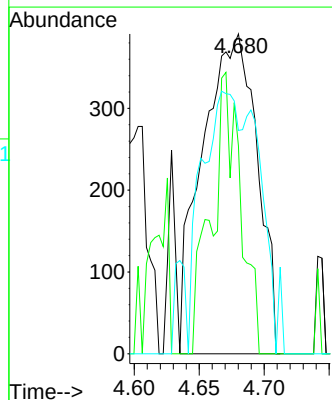
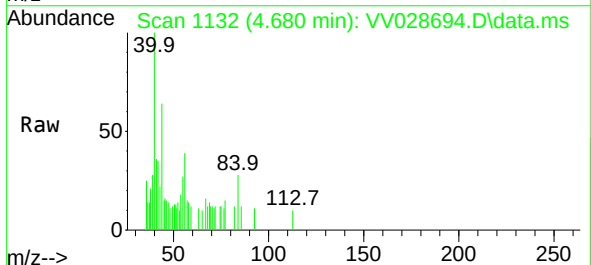
RT: 4.680 min Scan# 1132

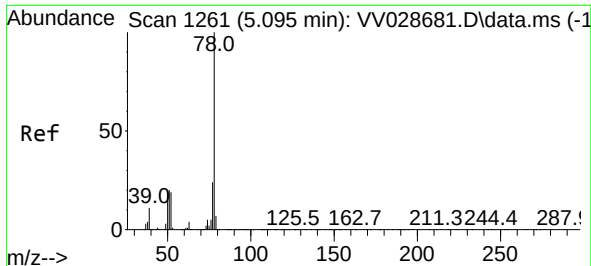
Delta R.T. 0.016 min

Lab File: VV028694.D

Acq: 26 Oct 2022 14:46

Tgt Ion: 56	Resp: 1150
Ion Ratio	Lower Upper
56	100
69	34.3 22.6 34.0#
84	58.1 60.4 90.6#

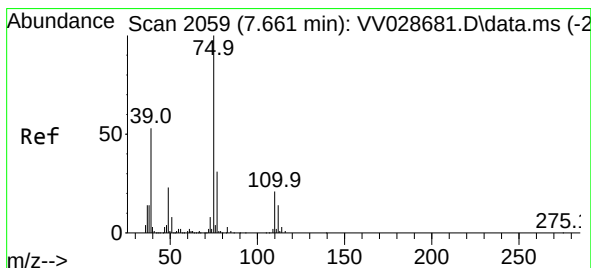
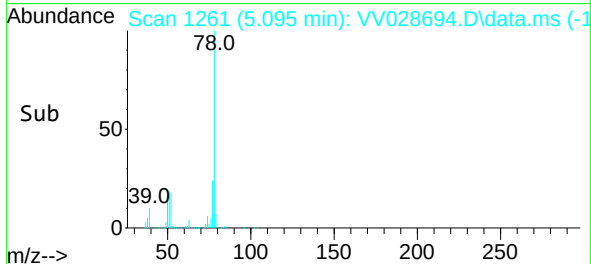
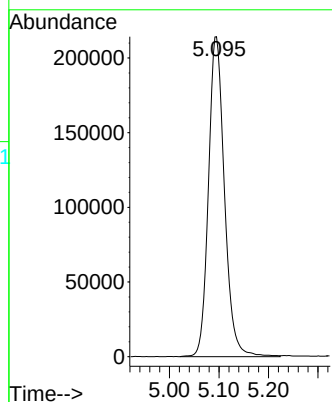
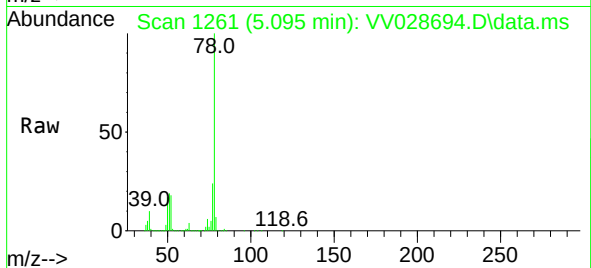




#33
Benzene
Concen: 10.564 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

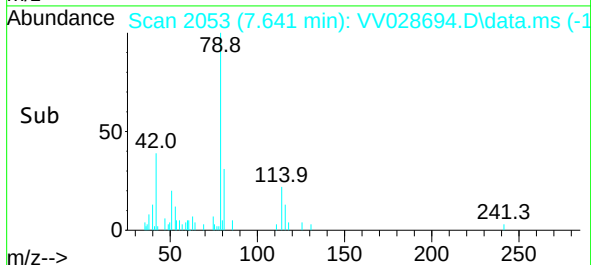
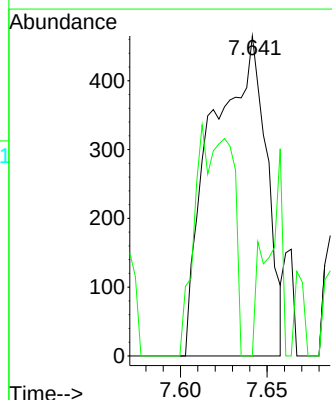
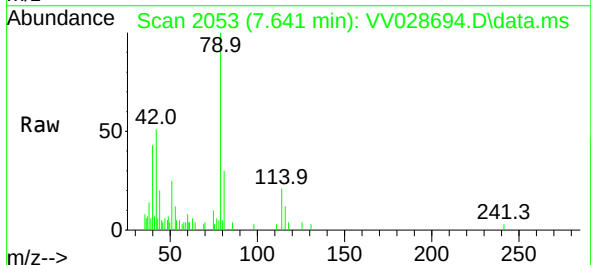
Instrument :
MSVOA_V
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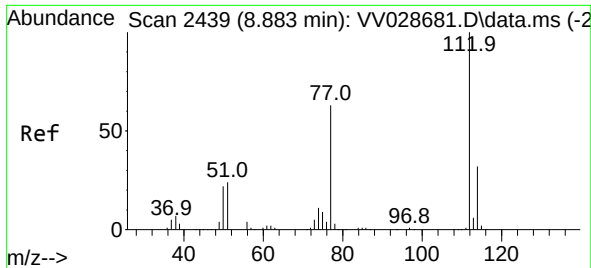
Tgt Ion: 78 Resp: 479946



#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.020 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
77 0.0 22.6 42.0#

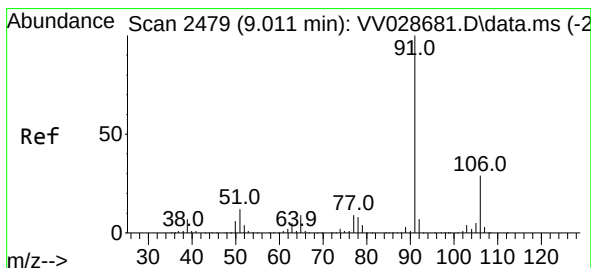
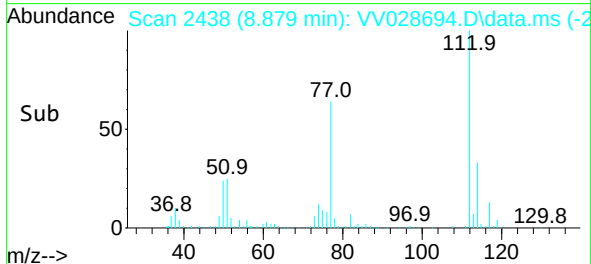
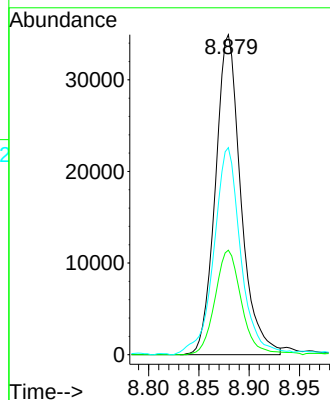
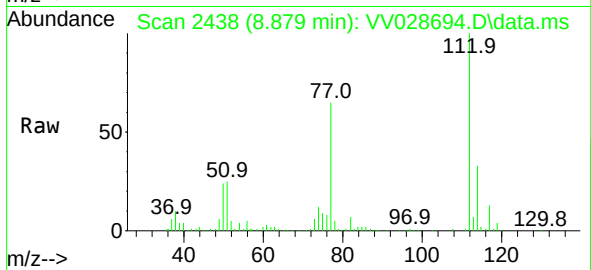




#51
Chlorobenzene
Concen: 2.269 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

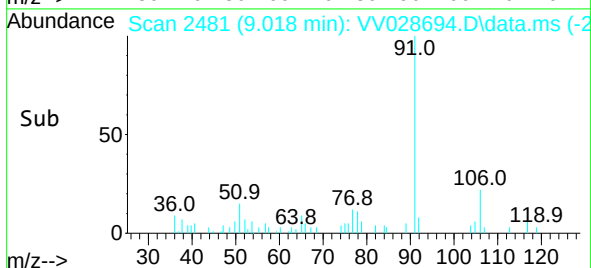
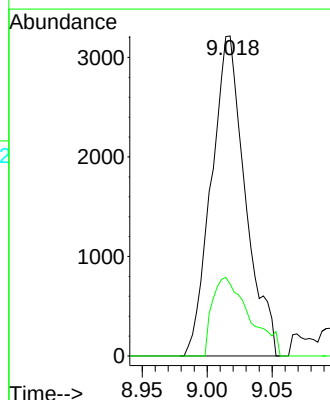
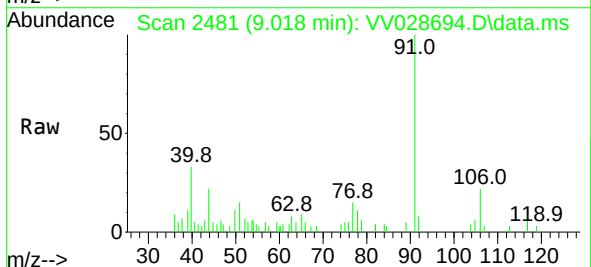
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MSVOA_V
ClientSampleId :

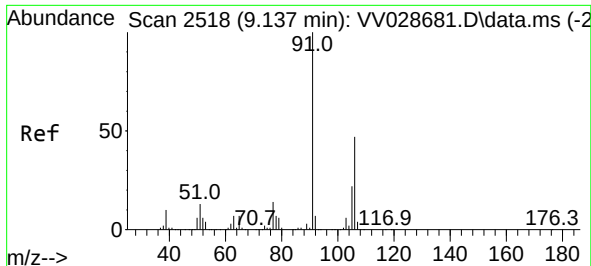
Tgt Ion:112 Resp: 61556
Ion Ratio Lower Upper
112 100
114 32.7 22.0 41.0
77 64.7 50.0 75.0



#52
Ethylbenzene
Concen: 0.122 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion: 91 Resp: 5841
Ion Ratio Lower Upper
91 100
106 22.5 21.3 39.6

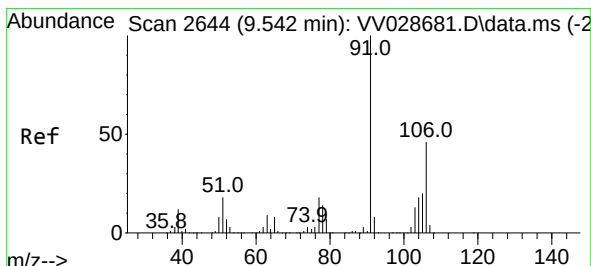
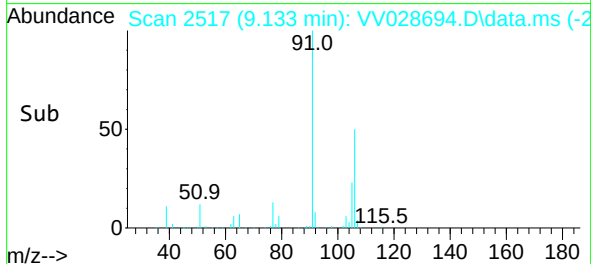
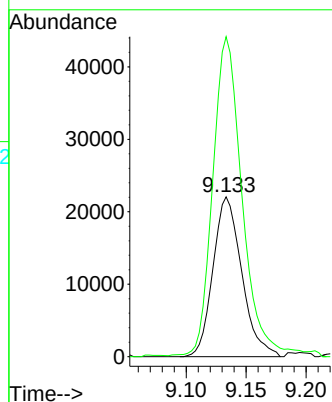
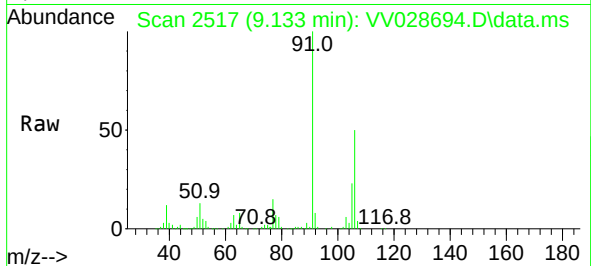




#53
m,p-Xylene
Concen: 2.126 ug/L
RT: 9.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

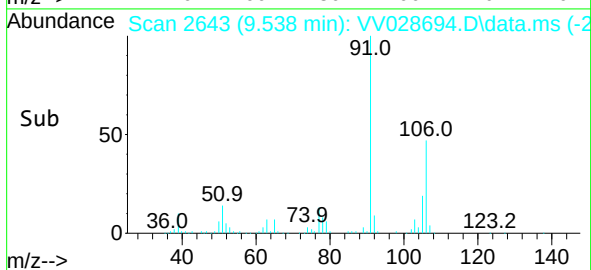
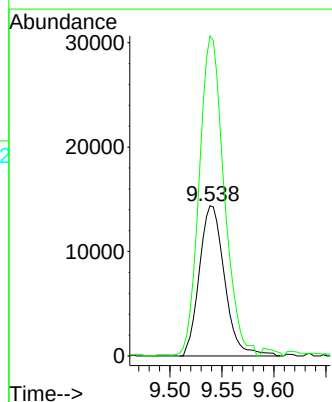
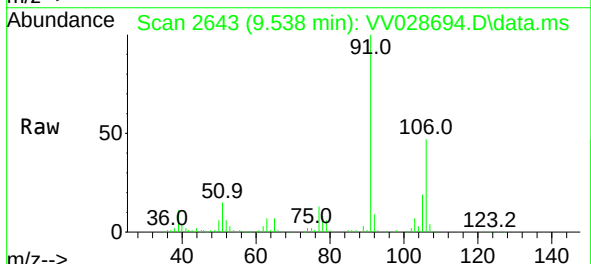
Instrument :
MSVOA_V
ClientSampleId :

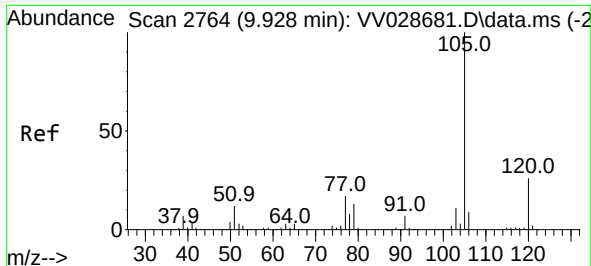
Tgt Ion:106 Resp: 36759
Ion Ratio Lower Upper
106 100
91 200.2 145.5 270.1



#54
o-Xylene
Concen: 1.395 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion:106 Resp: 24255
Ion Ratio Lower Upper
106 100
91 213.0 159.0 295.4

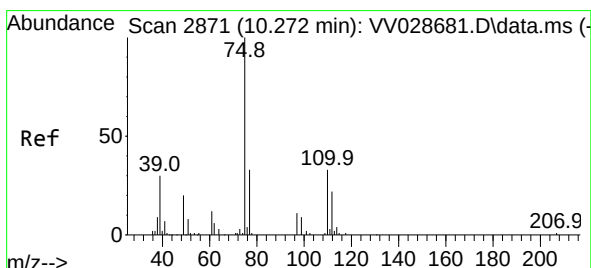
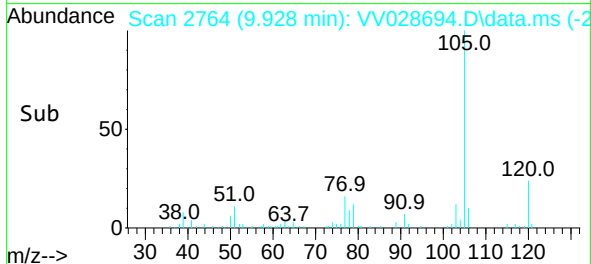
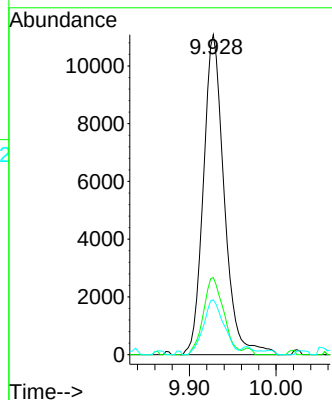
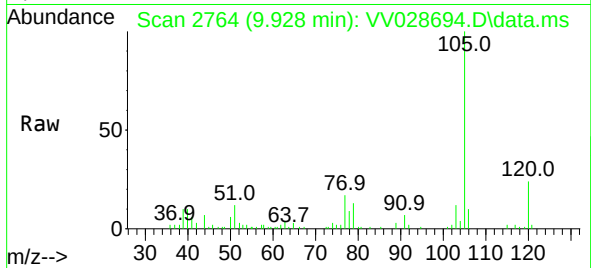




#60
Isopropylbenzene
Concen: 0.420 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

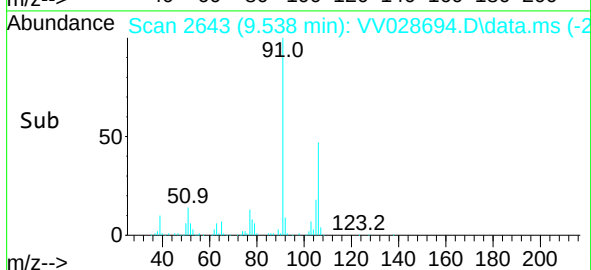
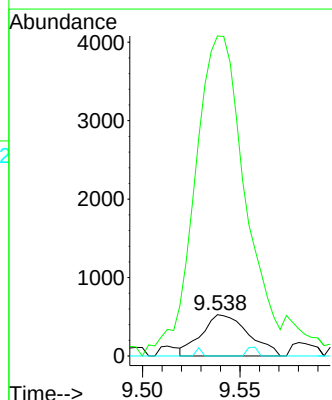
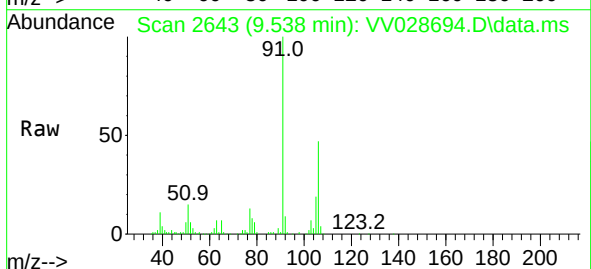
Instrument :
MSVOA_V
ClientSampleId :

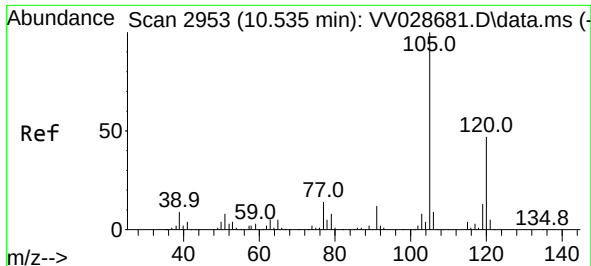
Tgt Ion:105 Resp: 18483
Ion Ratio Lower Upper
105 100
120 23.4 20.1 30.1
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 0.147 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.733 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion: 75 Resp: 880
Ion Ratio Lower Upper
75 100
77 831.9 25.2 37.8#
110 2.3 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.250 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV028694.D

Acq: 26 Oct 2022 14:46

Instrument :

MSVOA_V

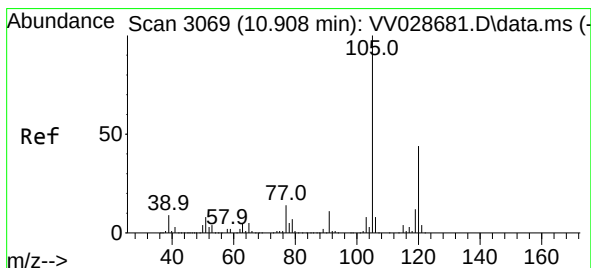
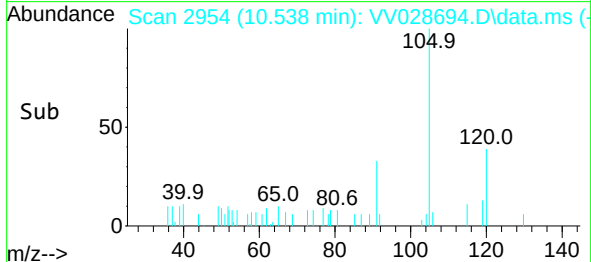
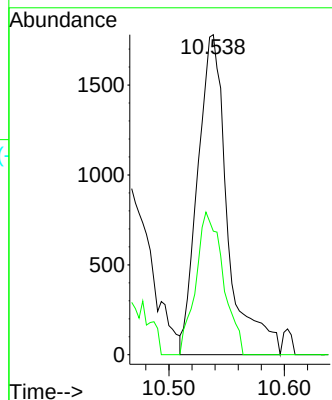
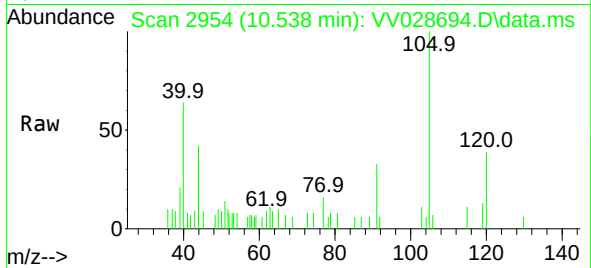
ClientSampleId :

Tgt Ion:105 Resp: 3206

Ion Ratio Lower Upper

105 100

120 40.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.237 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.003 min

Lab File: VV028694.D

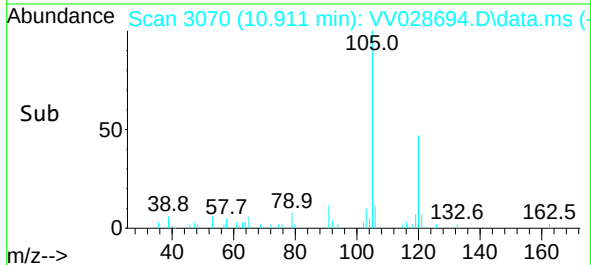
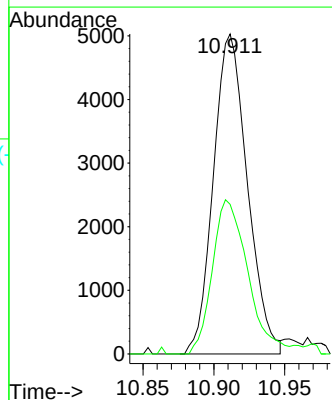
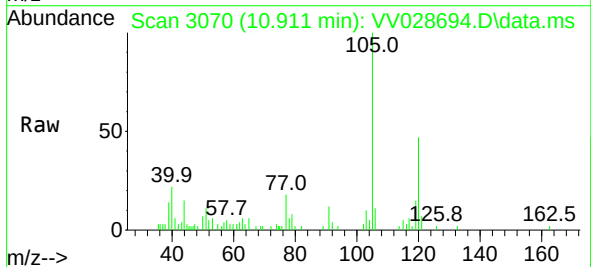
Acq: 26 Oct 2022 14:46

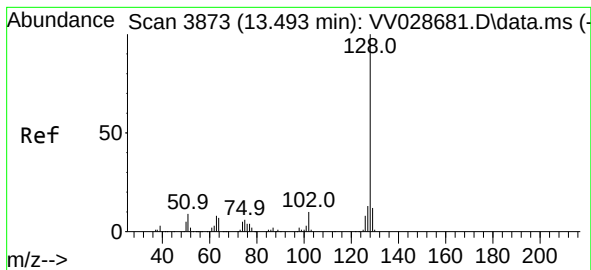
Tgt Ion:105 Resp: 8400

Ion Ratio Lower Upper

105 100

120 50.2 36.2 54.2





#71

Naphthalene

Concen: 0.085 ug/L

RT: 13.509 min Scan# 3873

Delta R.T. 0.016 min

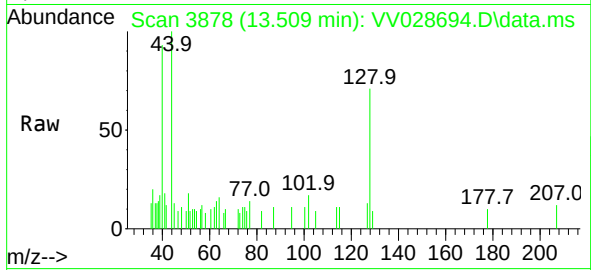
Lab File: VV028694.D

Acq: 26 Oct 2022 14:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1594

Ion Ratio Lower Upper

128 100

129 5.7 8.9 13.3#

127 14.5 10.2 15.4

