

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026483.D
 Acq On : 21 Jun 2022 13:08
 Operator : SY/MD
 Sample : N3345-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

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

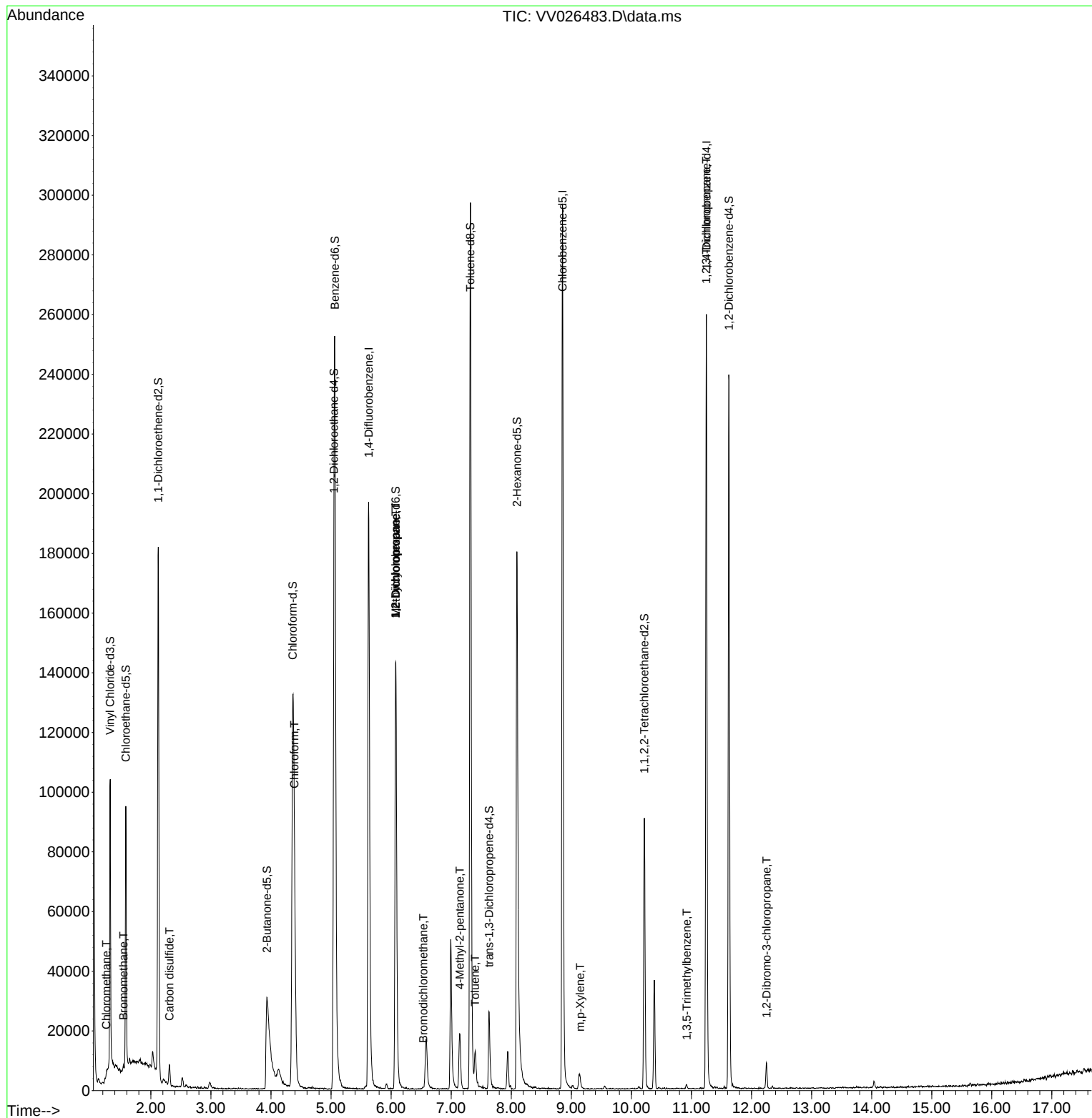
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	180945	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	172111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	64196	4.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.584	69	55638	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.124	63	93562	3.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.934	46	84448	55.067	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.140%
24) Chloroform-d	4.362	84	129764	5.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%
26) 1,2-Dichloroethane-d4	5.047	65	52179	5.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.063	84	244546	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.076	67	72842	5.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.320	98	203137	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.632	79	17738	4.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.095	63	67344	51.195	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46989	5.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	63464	5.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1008	0.067	ug/L	94
6) Bromomethane	1.542	94	637	0.073	ug/L	83
14) Carbon disulfide	2.311	76	8836	0.313	ug/L	97
25) Chloroform	4.391	83	56017	2.442	ug/L	97
35) Methylcyclohexane	6.079	83	18092	1.086	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7474	0.648	ug/L #	88
38) Bromodichloromethane	6.535	83	681	0.049	ug/L #	78
40) 4-Methyl-2-pentanone	7.143	43	8594	2.025	ug/L #	43
42) Toluene	7.400	91	9943	0.214	ug/L	95
53) m,p-Xylene	9.146	106	1163	0.064	ug/L	86
61) 1,2,3-Trichloropropane	11.246	75	8155	1.740	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.921	105	1002	0.033	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.249	75	254	0.306	ug/L #	3

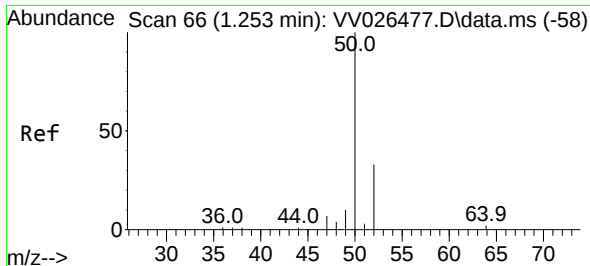
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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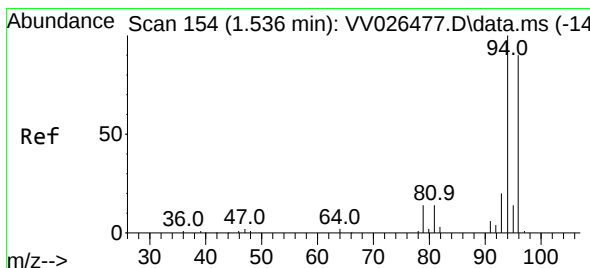
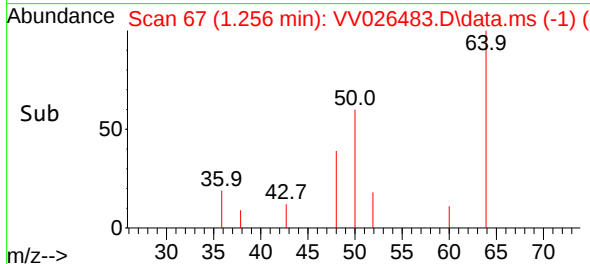
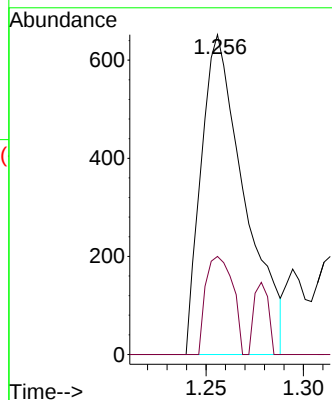
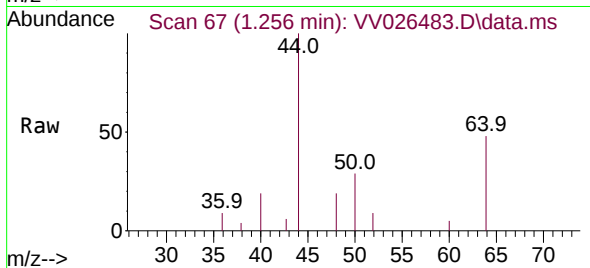




#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

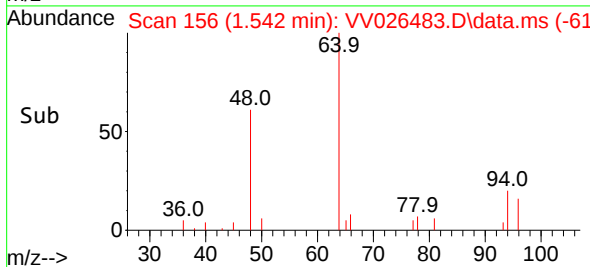
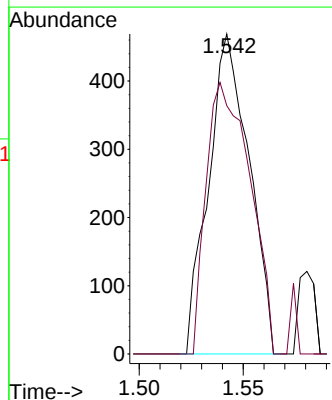
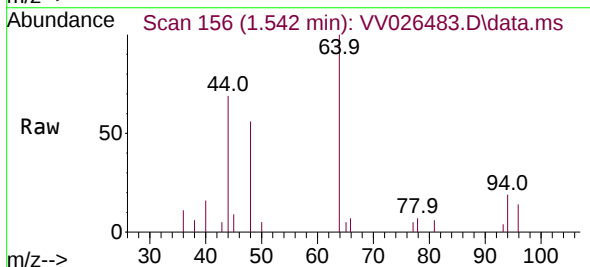
Instrument :
MSVOA_V
ClientSampleId :

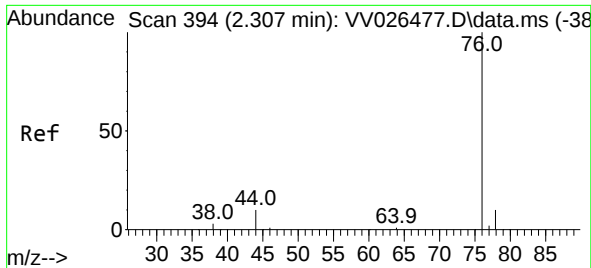
Tgt Ion: 50 Resp: 1008
Ion Ratio Lower Upper
50 100
52 30.7 23.7 44.1



#6
Bromomethane
Concen: 0.073 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

Tgt Ion: 94 Resp: 637
Ion Ratio Lower Upper
94 100
96 77.6 65.7 121.9

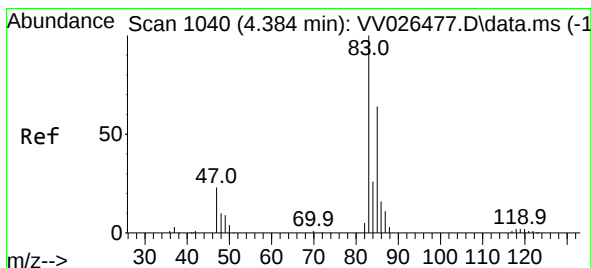
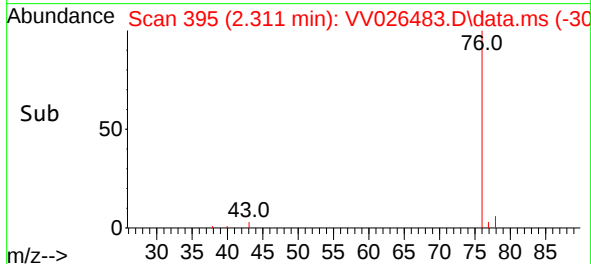
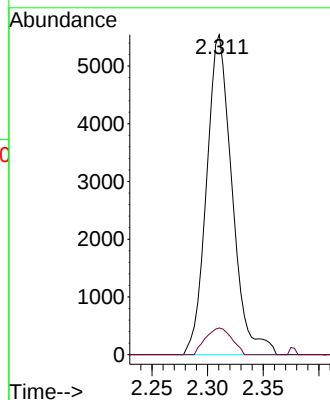
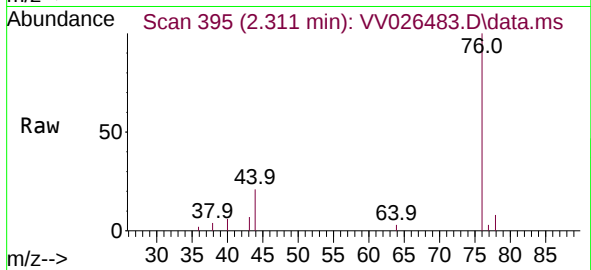




#14
Carbon disulfide
Concen: 0.313 ug/L
RT: 2.311 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

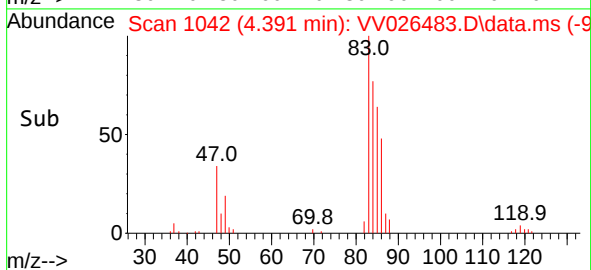
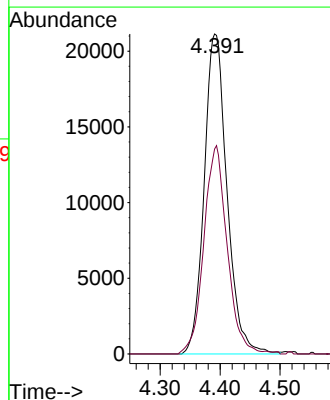
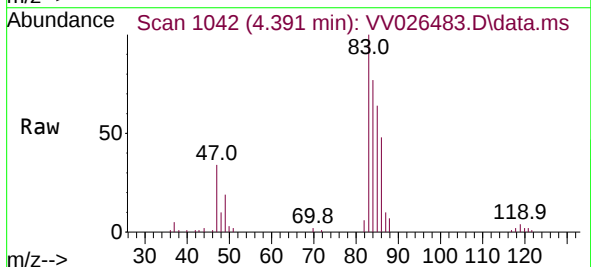
Instrument :
MSVOA_V
ClientSampleId :

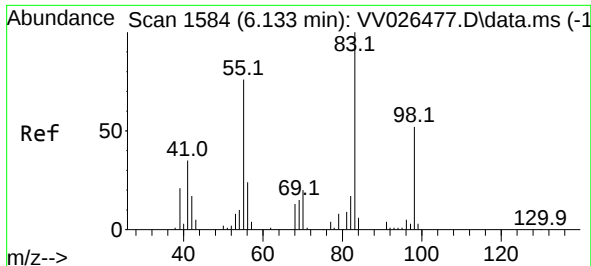
Tgt Ion: 76 Resp: 8836
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5



#25
Chloroform
Concen: 2.442 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

Tgt Ion: 83 Resp: 56017
Ion Ratio Lower Upper
83 100
85 64.1 46.5 86.3

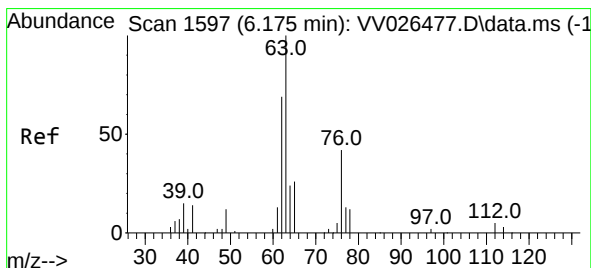
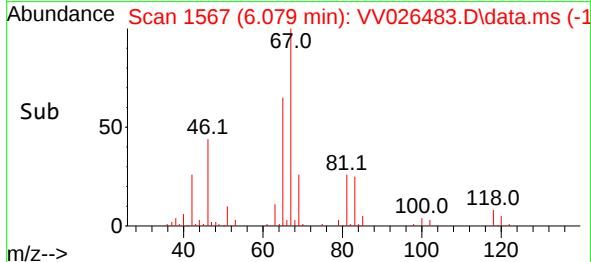
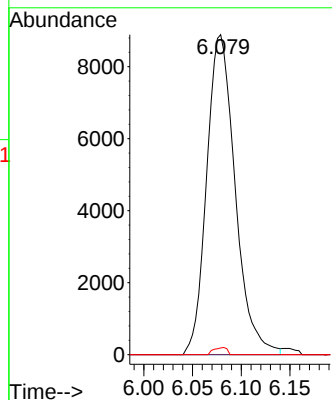
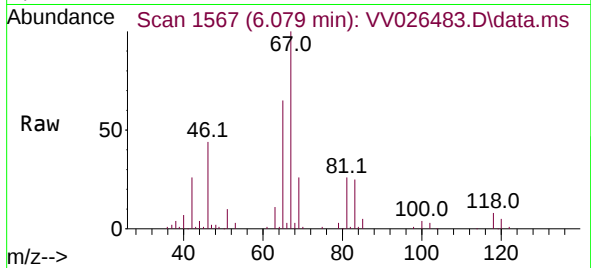




#35
Methylcyclohexane
Concen: 1.086 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.055 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

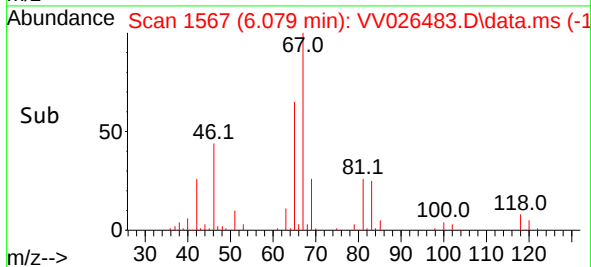
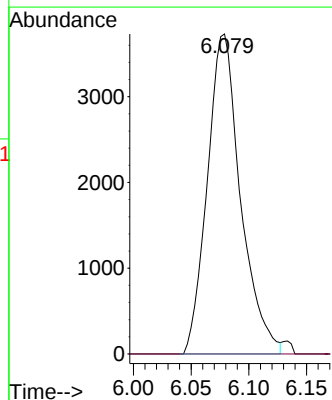
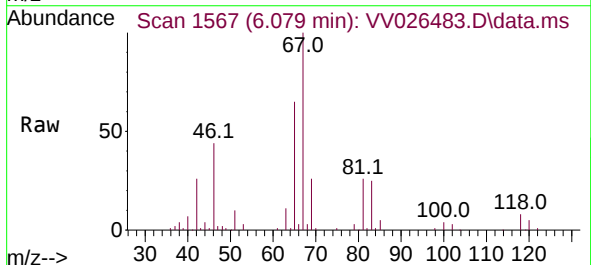
Instrument :
MSVOA_V
ClientSampleId :

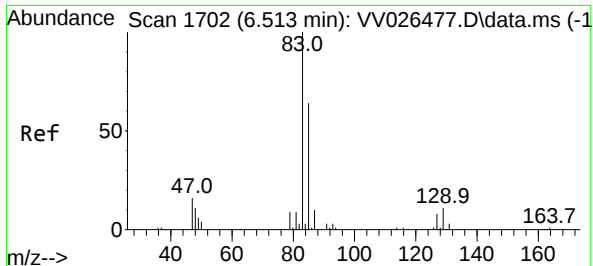
Tgt Ion: 83 Resp: 18092
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 1.0 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.096 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

Tgt Ion: 63 Resp: 7474
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.049 ug/L

RT: 6.535 min Scan# 1

Delta R.T. 0.023 min

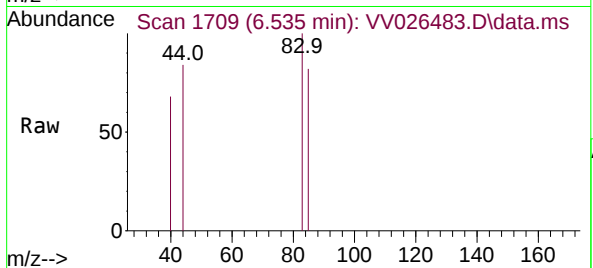
Lab File: VV026483.D

Acq: 21 Jun 2022 13:08

Instrument :

MSVOA_V

ClientSampleId :



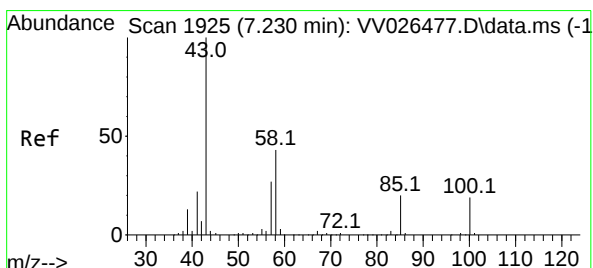
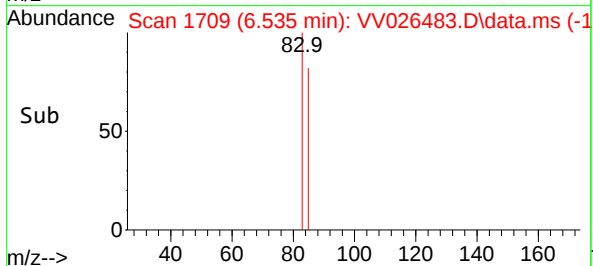
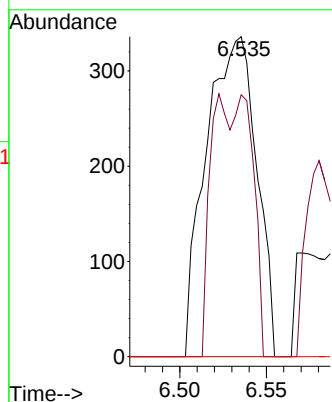
Tgt Ion: 83 Resp: 681

Ion Ratio Lower Upper

83 100

85 81.8 45.6 84.6

127 0.0 7.2 10.8#



#40

4-Methyl-2-pentanone

Concen: 2.025 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. -0.087 min

Lab File: VV026483.D

Acq: 21 Jun 2022 13:08

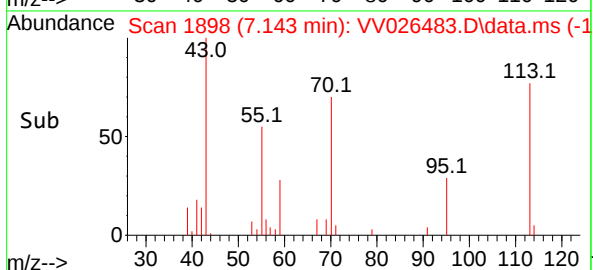
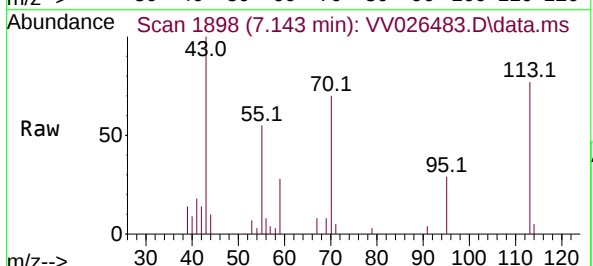
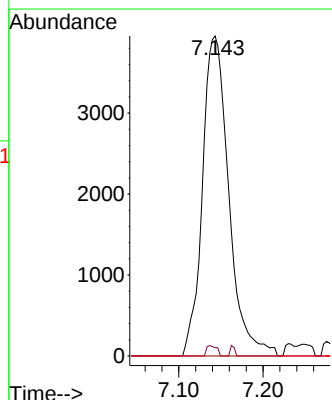
Tgt Ion: 43 Resp: 8594

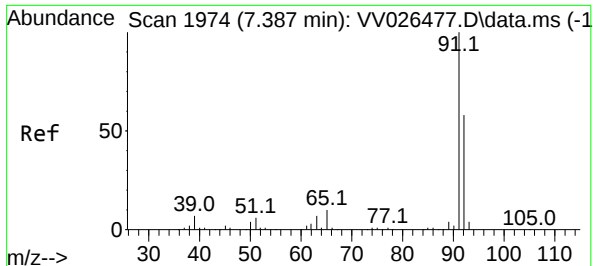
Ion Ratio Lower Upper

43 100

58 1.3 33.3 49.9#

100 0.0 13.4 20.2#

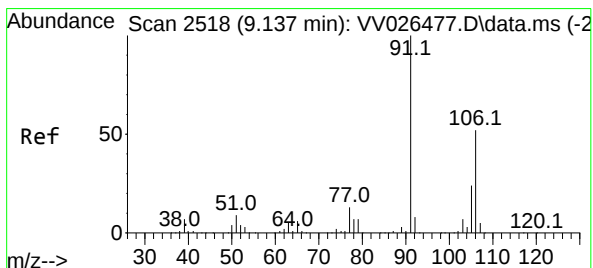
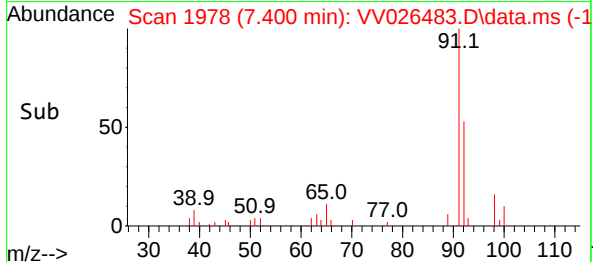
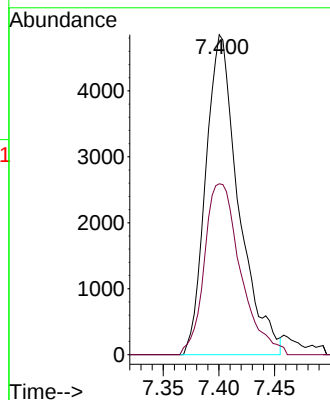
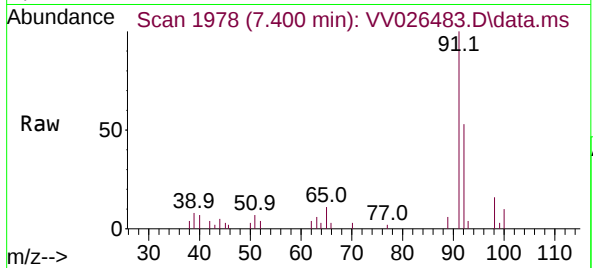




#42
Toluene
Concen: 0.214 ug/L
RT: 7.400 min Scan# 1974
Delta R.T. 0.013 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

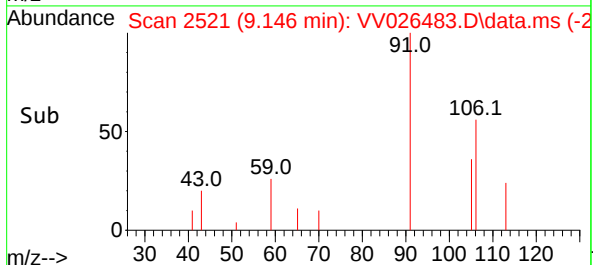
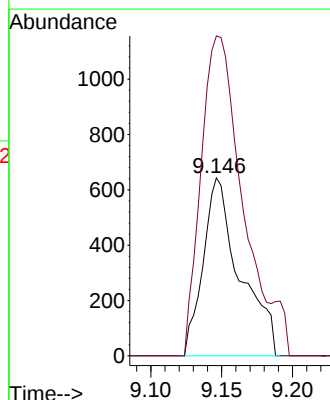
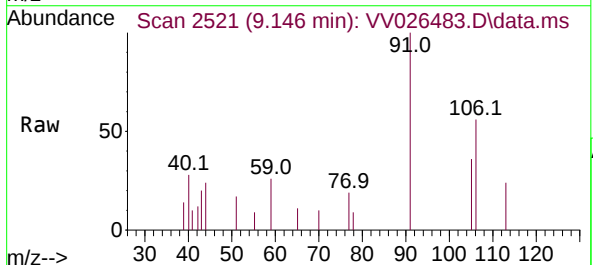
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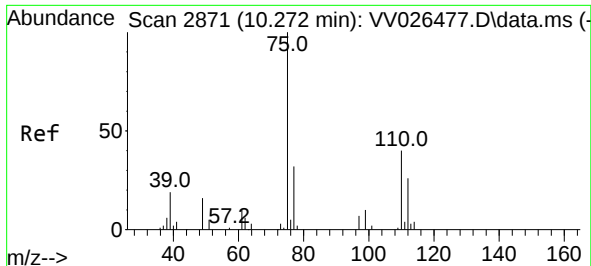
Tgt Ion: 91 Resp: 9943
Ion Ratio Lower Upper
91 100
92 53.4 40.1 74.5



#53
m,p-Xylene
Concen: 0.064 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV026483.D
Acq: 21 Jun 2022 13:08

Tgt Ion: 106 Resp: 1163
Ion Ratio Lower Upper
106 100
91 179.8 141.3 262.3

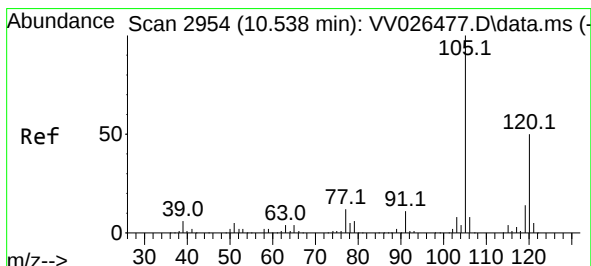
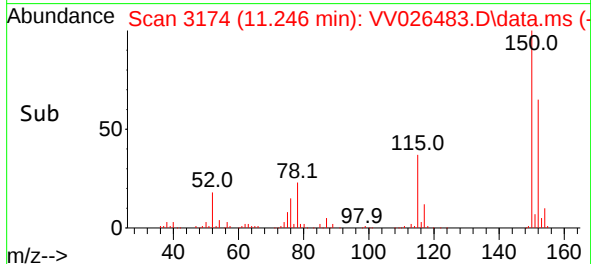
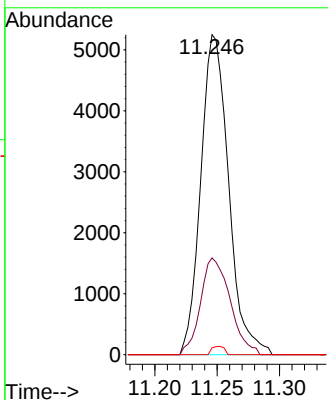
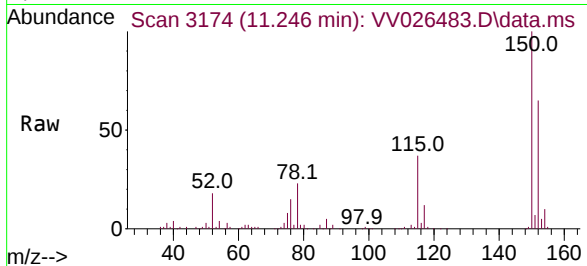




#61
 1,2,3-Trichloropropane
 Concen: 1.740 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026483.D
 Acq: 21 Jun 2022 13:08

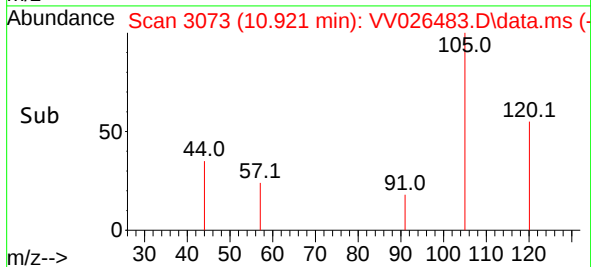
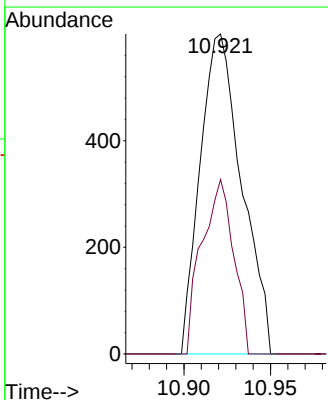
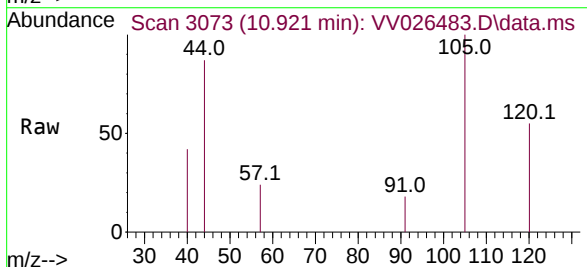
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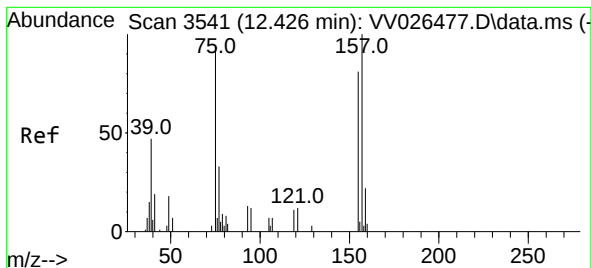
Tgt Ion: 75 Resp: 8155
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.9 40.3
 110 1.2 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV026483.D
 Acq: 21 Jun 2022 13:08

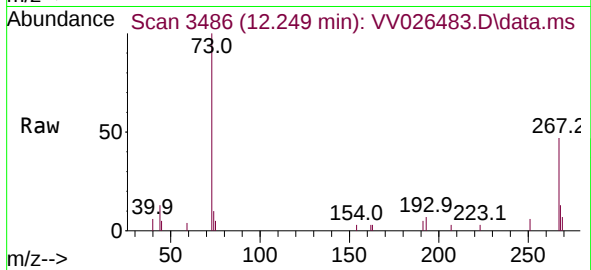
Tgt Ion: 105 Resp: 1002
 Ion Ratio Lower Upper
 105 100
 120 41.7 39.9 59.9





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.306 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.177 min
 Lab File: VV026483.D
 Acq: 21 Jun 2022 13:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 254
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

