

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031586.D
 Acq On : 16 Jun 2023 19:23
 Operator : SY/MD
 Sample : 03249-14DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT4DL

Quant Time: Jun 17 02:32:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

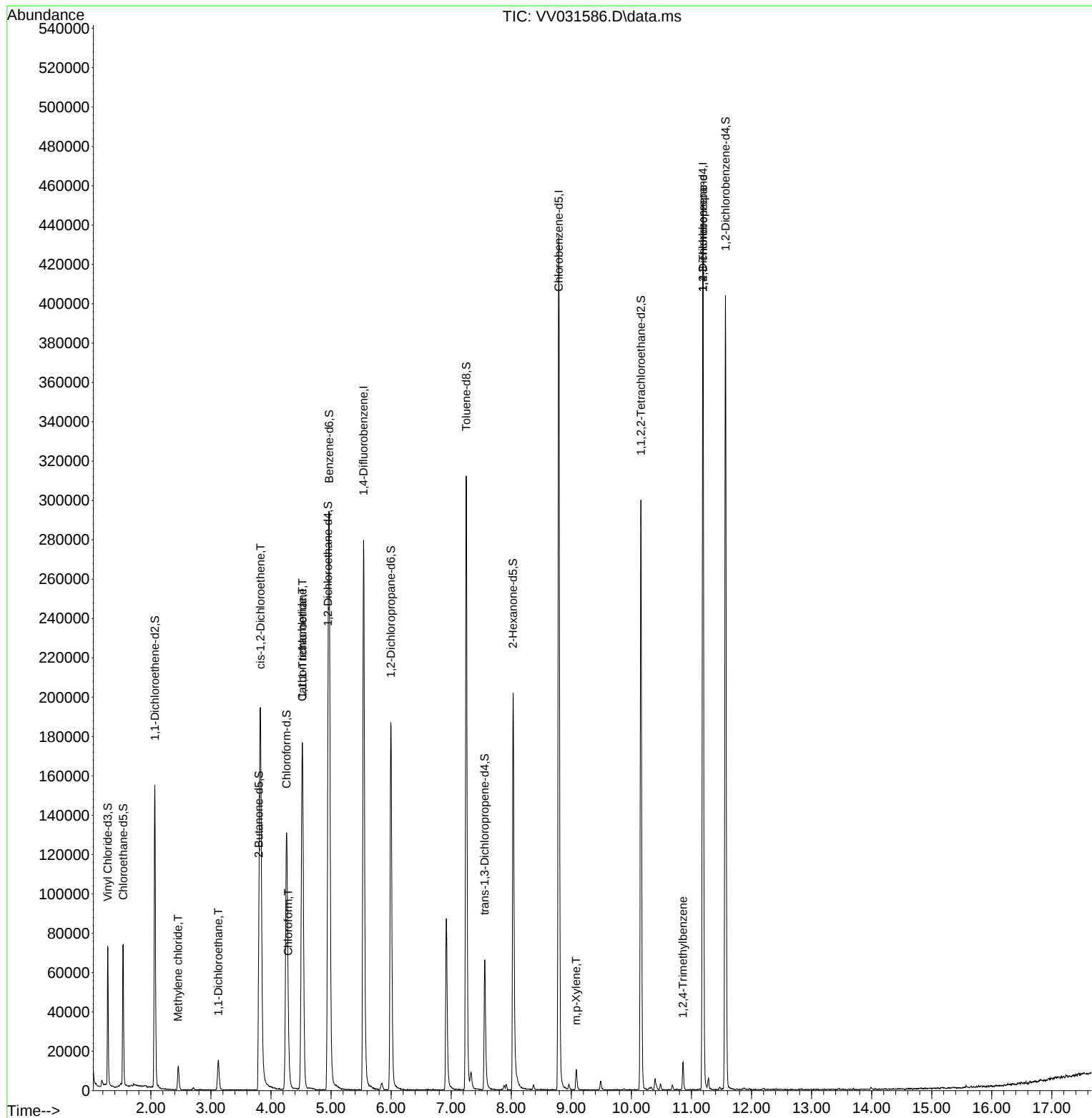
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	231407	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233911	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	114919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47054	30.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.100%
7) Chloroethane-d5	1.539	69	48259	35.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.820%
11) 1,1-Dichloroethene-d2	2.066	65	26141	32.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.860%
21) 2-Butanone-d5	3.799	46	98180	78.730	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.730%
24) Chloroform-d	4.259	84	146721	38.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.080%
26) 1,2-Dichloroethane-d4	4.950	65	99831	41.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.740%
32) Benzene-d6	4.969	84	252323	38.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.640%
36) 1,2-Dichloropropane-d6	5.995	67	92599	39.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.360%
41) Toluene-d8	7.249	98	210665	34.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.740%#
43) trans-1,3-Dichloroprop...	7.558	79	41175	36.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.380%
47) 2-Hexanone-d5	8.030	63	71536	77.640	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.640%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143842	40.837	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.680%
66) 1,2-Dichlorobenzene-d4	11.567	152	102870	46.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
Target Compounds						Qvalue
16) Methylene chloride	2.455	84	5059	2.357	ug/L	91
19) 1,1-Dichloroethane	3.124	63	15504	4.019	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	90485	46.847	ug/L	97
25) Chloroform	4.288	83	9645	2.405	ug/L	100
30) 1,1,1-Trichloroethane	4.522	97	154680	41.245	ug/L	99
31) Carbon tetrachloride	4.519	117	18146	5.461	ug/L	99
53) m,p-Xylene	9.082	106	2887	0.875	ug/L	100
61) 1,2,3-Trichloropropane	11.191	75	13836	6.096	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.860	105	7469	1.324	ug/L	98

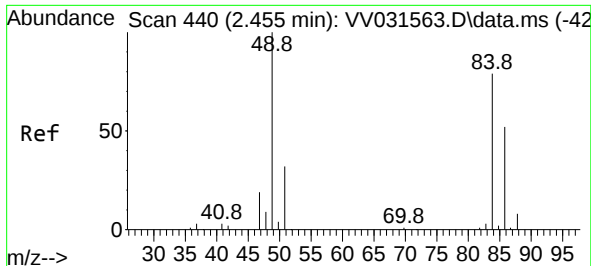
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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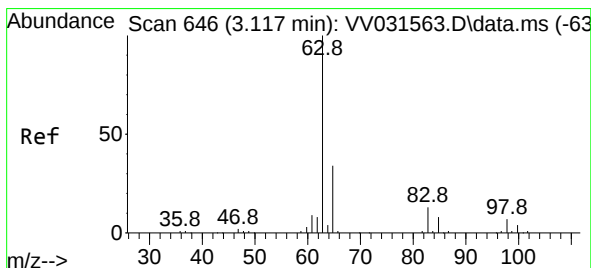
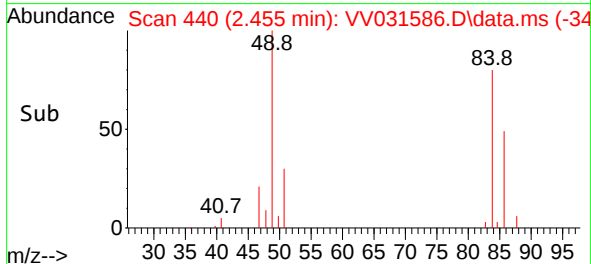
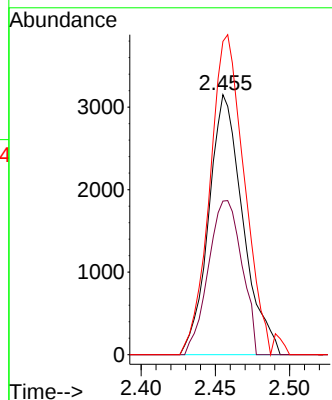
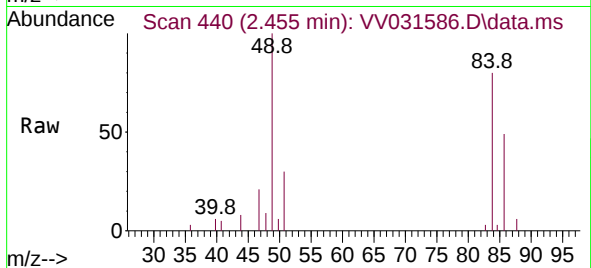




#16
Methylene chloride
Concen: 2.357 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV031586.D
Acq: 16 Jun 2023 19:23

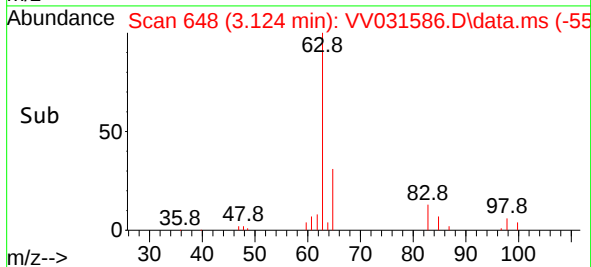
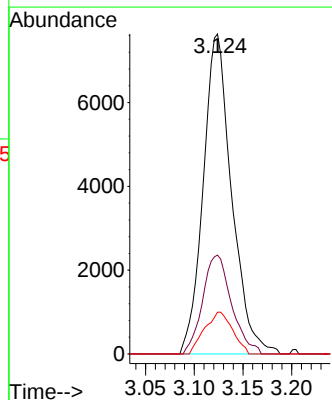
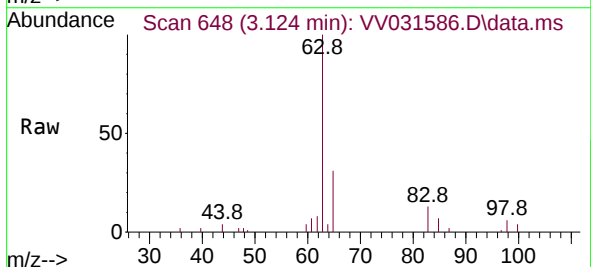
Instrument :
MSVOA_V
ClientSampleId :
EXYT4DL

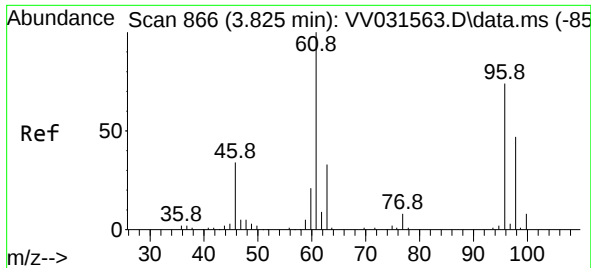
Tgt Ion: 84 Resp: 5059
Ion Ratio Lower Upper
84 100
86 59.1 45.8 85.0
49 120.5 92.1 171.1



#19
1,1-Dichloroethane
Concen: 4.019 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.006 min
Lab File: VV031586.D
Acq: 16 Jun 2023 19:23

Tgt Ion: 63 Resp: 15504
Ion Ratio Lower Upper
63 100
65 30.9 22.5 41.7
83 13.1 10.0 18.6

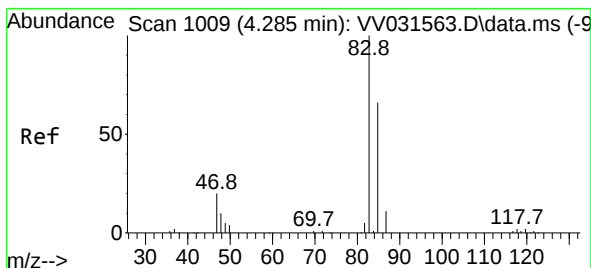
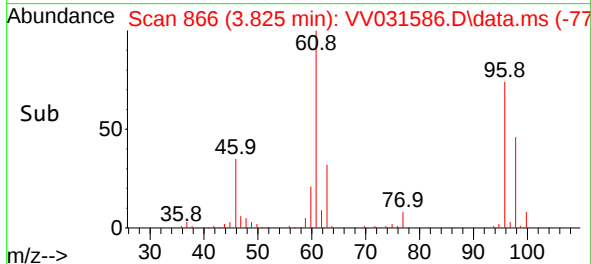
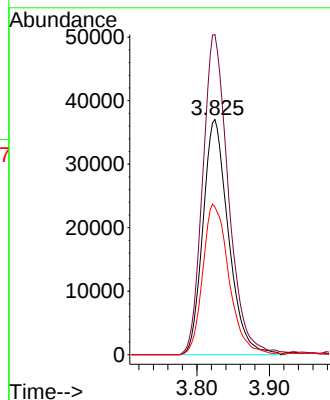
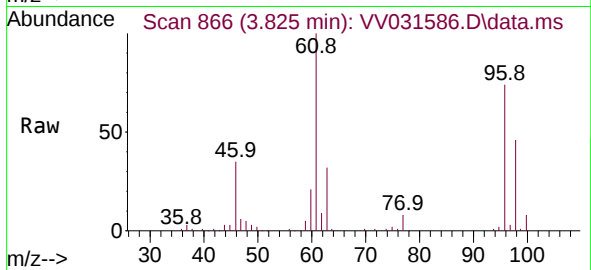




#20
cis-1,2-Dichloroethene
Concen: 46.847 ug/L
RT: 3.825 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV031586.D
Acq: 16 Jun 2023 19:23

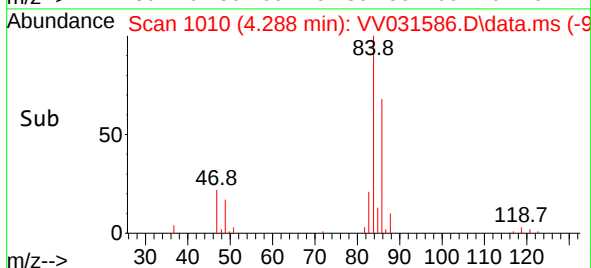
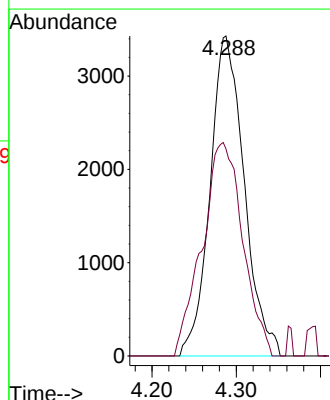
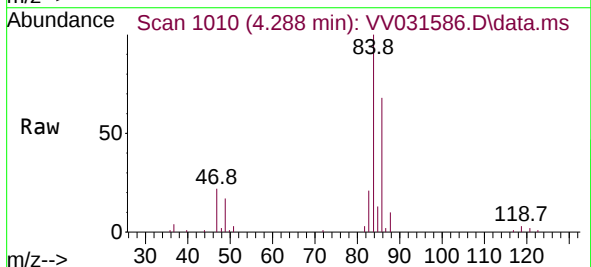
Instrument :
MSVOA_V
ClientSampleId :
EXYT4DL

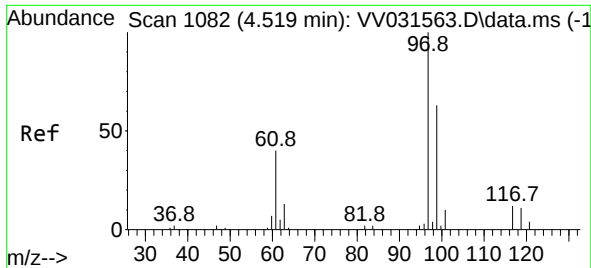
Tgt Ion: 96 Resp: 90485
Ion Ratio Lower Upper
96 100
61 136.0 98.6 183.0
98 64.3 45.7 84.9



#25
Chloroform
Concen: 2.405 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VV031586.D
Acq: 16 Jun 2023 19:23

Tgt Ion: 83 Resp: 9645
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1





#30

1,1,1-Trichloroethane

Concen: 41.245 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031586.D

Acq: 16 Jun 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

EXYT4DL

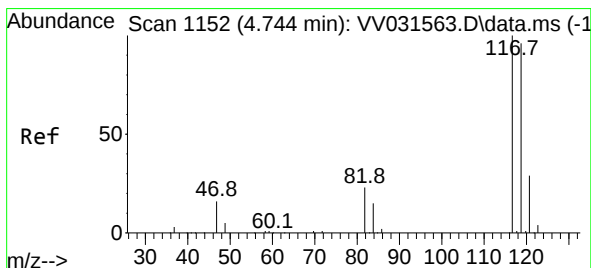
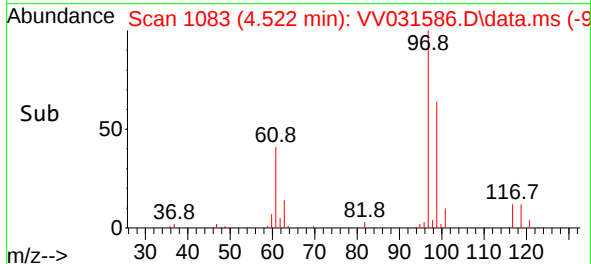
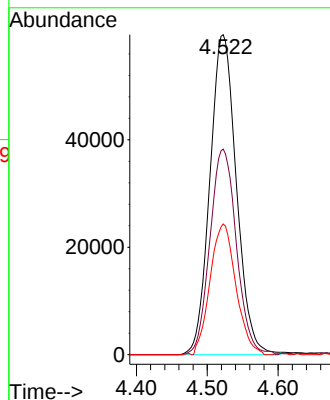
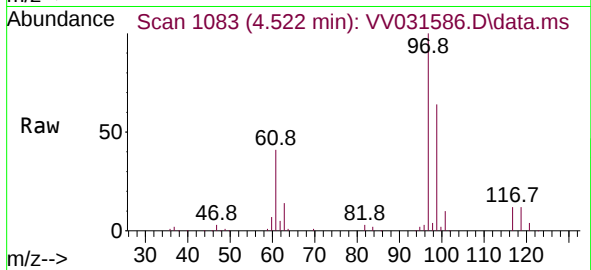
Tgt Ion: 97 Resp: 154680

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 39.8 33.0 49.6



#31

Carbon tetrachloride

Concen: 5.461 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.225 min

Lab File: VV031586.D

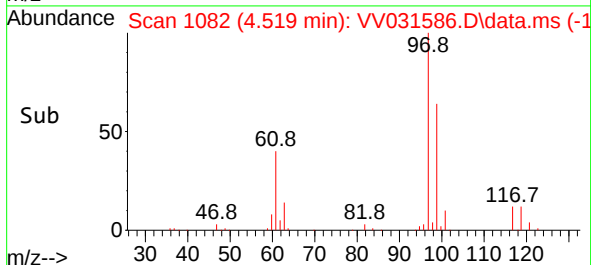
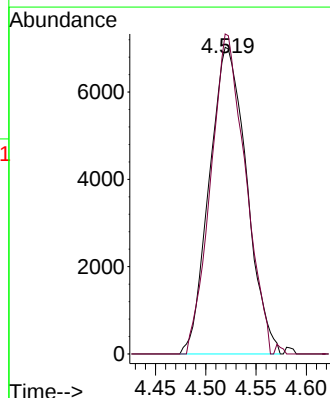
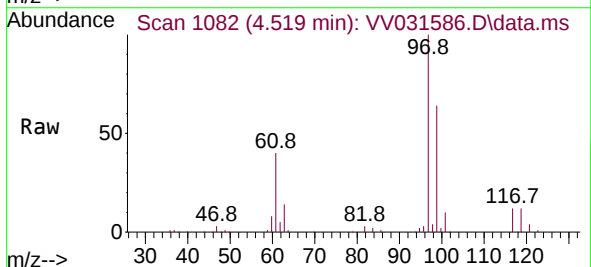
Acq: 16 Jun 2023 19:23

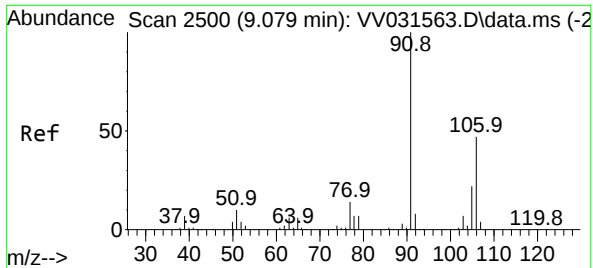
Tgt Ion: 117 Resp: 18146

Ion Ratio Lower Upper

117 100

119 96.6 76.2 114.4

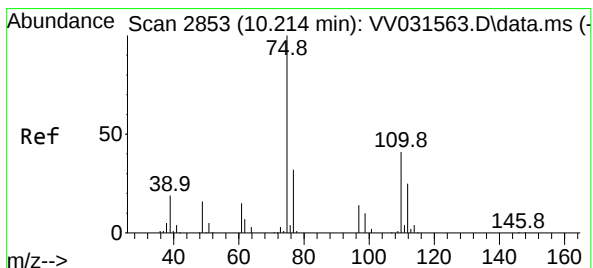
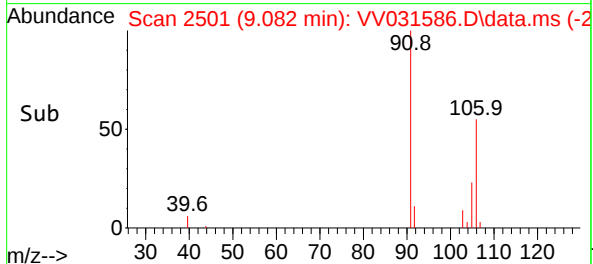
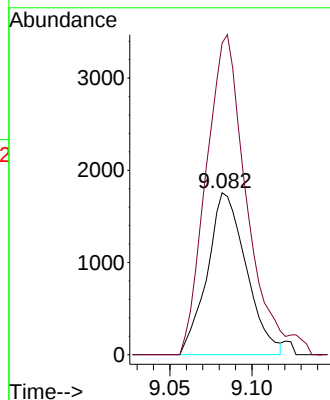
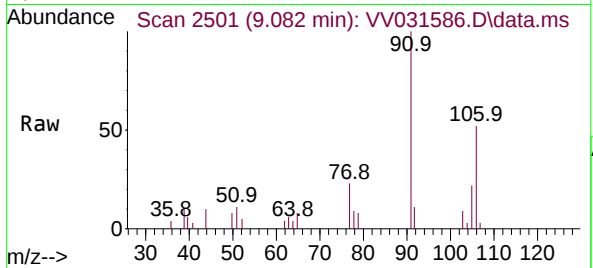




#53
m,p-Xylene
Concen: 0.875 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031586.D
Acq: 16 Jun 2023 19:23

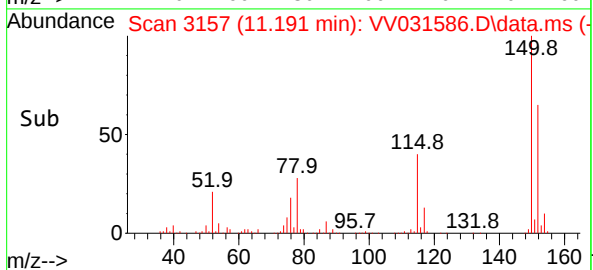
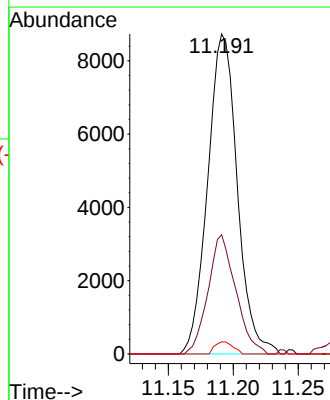
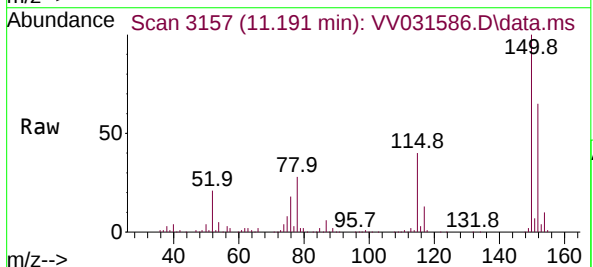
Instrument :
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ClientSampleId :
EXYT4DL

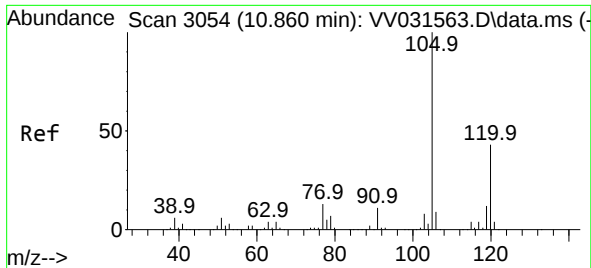
Tgt Ion:106 Resp: 2887
Ion Ratio Lower Upper
106 100
91 213.2 149.0 276.6



#61
1,2,3-Trichloropropane
Concen: 6.096 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.977 min
Lab File: VV031586.D
Acq: 16 Jun 2023 19:23

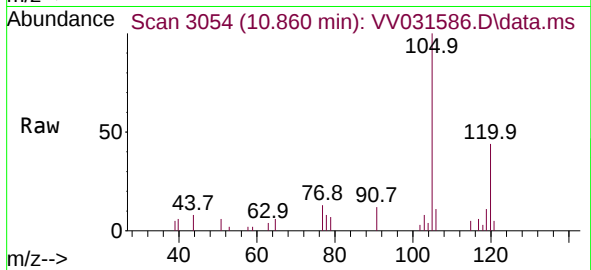
Tgt Ion: 75 Resp: 13836
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0
110 2.3 31.3 46.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 1.324 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV031586.D
 Acq: 16 Jun 2023 19:23

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT4DL



Tgt Ion:105 Resp: 7469
 Ion Ratio Lower Upper
 105 100
 120 43.2 33.4 50.2

