

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012621\
 Data File : VY003939.D
 Acq On : 26 Jan 2021 15:40
 Operator : SY/MD
 Sample : VY0126SBL01
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 27 05:22:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 14:06:12 2021
 Response via : Initial Calibration

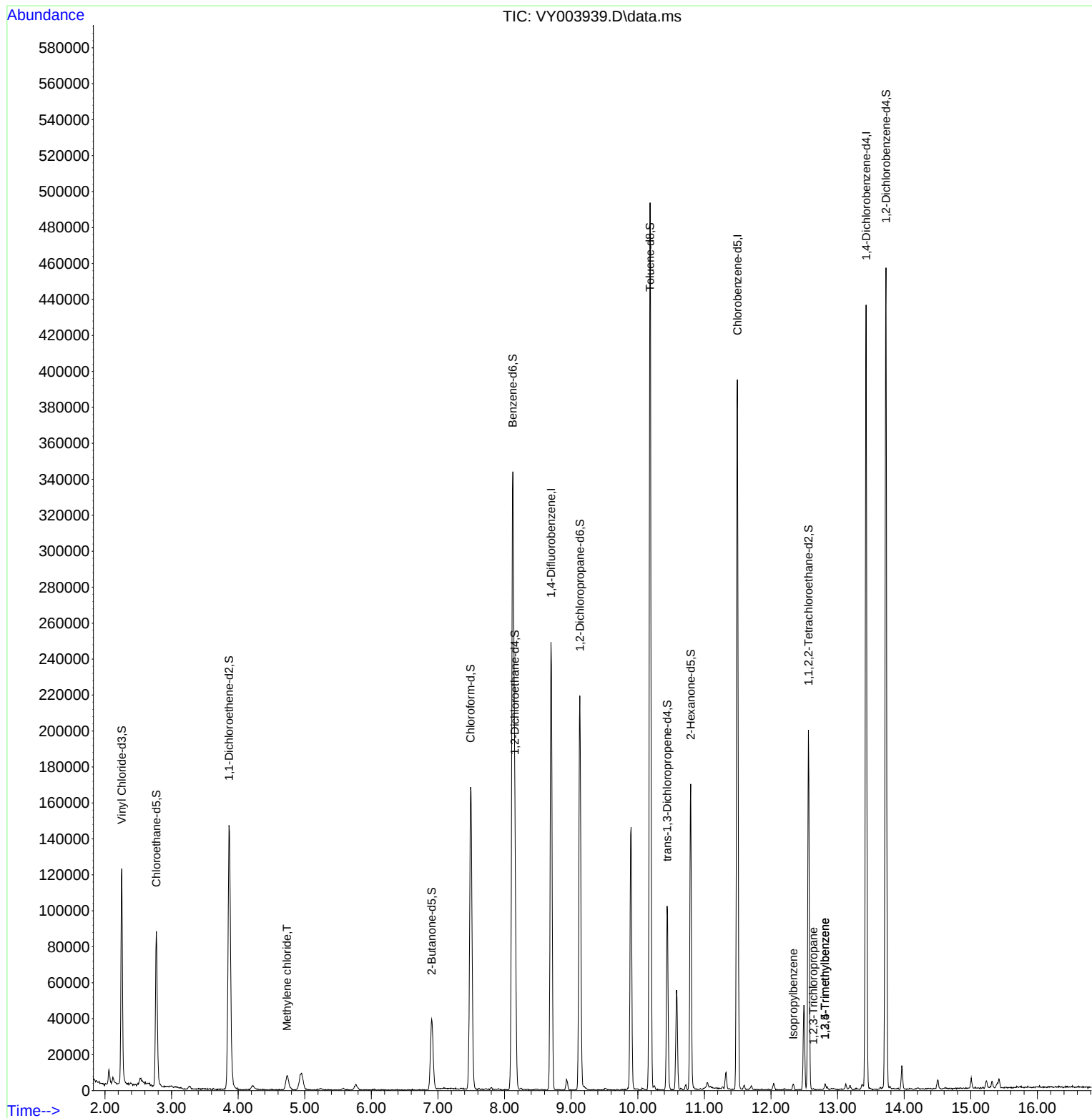
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	200344	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	199328	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	104902	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	115494	28.58	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	114.32%	
7) Chloroethane-d5	2.772	69	87190	28.27	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	113.08%	
11) 1,1-Dichloroethene-d2	3.863	63	137652	21.31	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	85.24%	
21) 2-Butanone-d5	6.905	46	70911	55.60	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	111.20%	
24) Chloroform-d	7.490	84	160213	27.05	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	108.20%	
26) 1,2-Dichloroethane-d4	8.155	65	101273	28.25	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	113.00%	
32) Benzene-d6	8.124	84	323893	26.83	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	107.32%	
36) 1,2-Dichloropropane-d6	9.130	67	97634	26.16	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	104.64%	
41) Toluene-d8	10.185	98	305690	26.57	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	106.28%	
43) trans-1,3-Dichloroprop...	10.441	79	51048	26.52	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	106.08%	
47) 2-Hexanone-d5	10.795	63	53840	54.48	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	108.96%	
56) 1,1,2,2-Tetrachloroeth...	12.563	84	88782	25.70	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	102.80%	
66) 1,2-Dichlorobenzene-d4	13.727	152	111419	27.57	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	110.28%	
Target Compounds						
16) Methylene chloride	4.735	84	5329	1.51	ug/L	87
60) Isopropylbenzene	12.337	105	1507	0.10	ug/L #	84
61) 1,2,3-Trichloropropane	12.636	75	293	0.11	ug/L #	63
62) 1,3,5-Trimethylbenzene	12.813	105	1608	0.13	ug/L	95
63) 1,2,4-Trimethylbenzene	12.813	105	1608	0.13	ug/L	90

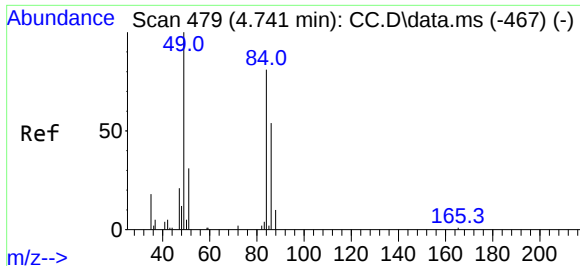
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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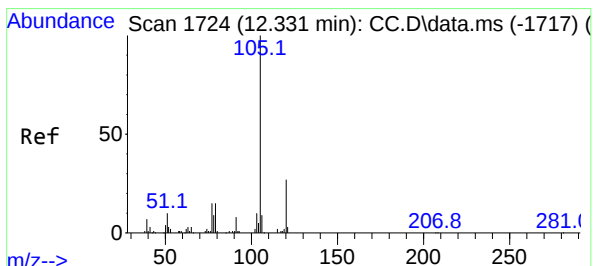
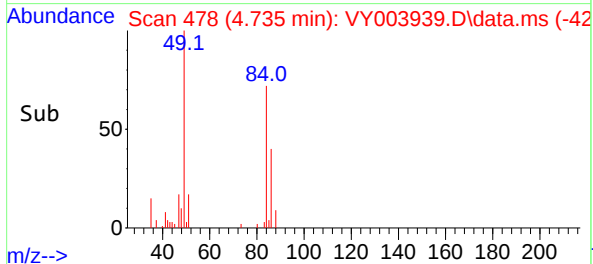
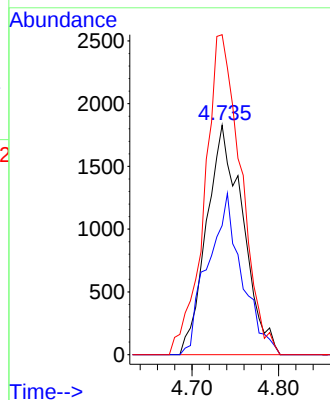
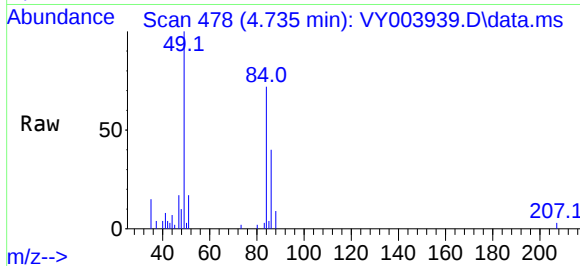


#16
Methylene chloride
Concen: 1.51 ug/L
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY003939.D
Acq: 26 Jan 2021 15:40

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 5329

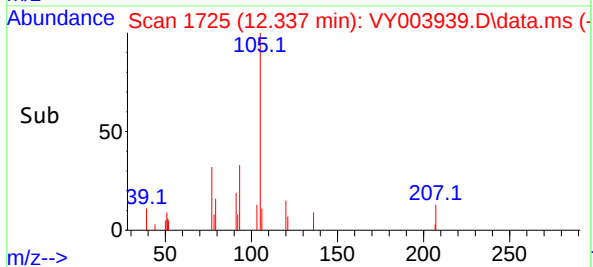
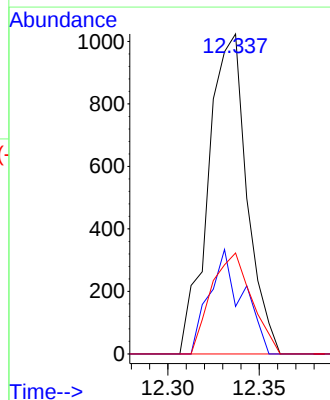
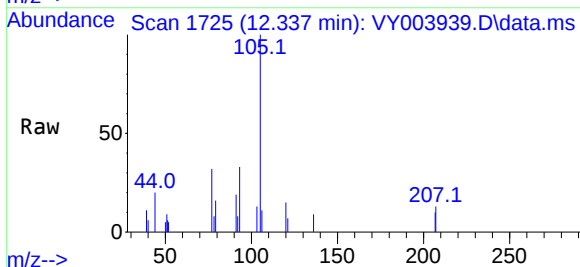
Ion	Ratio	Lower	Upper
84	100		
86	56.3	43.3	80.3
49	139.5	85.3	158.5

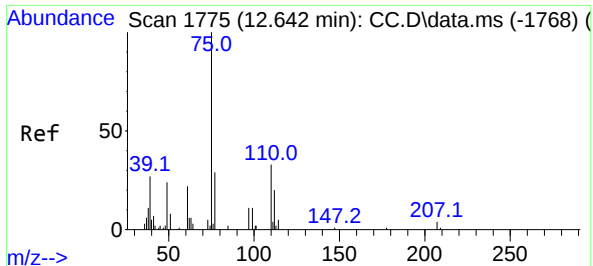


#60
Isopropylbenzene
Concen: 0.10 ug/L
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY003939.D
Acq: 26 Jan 2021 15:40

Tgt Ion: 105 Resp: 1507

Ion	Ratio	Lower	Upper
105	100		
120	28.5	22.0	33.0
77	33.0	12.1	18.1

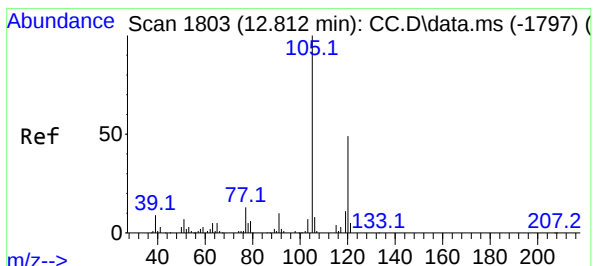
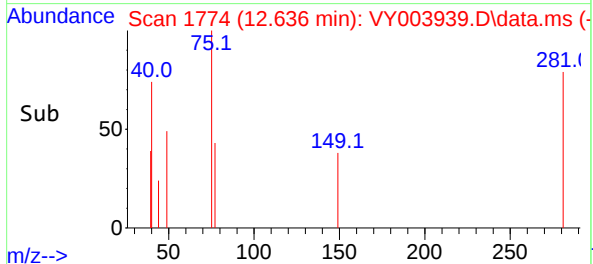
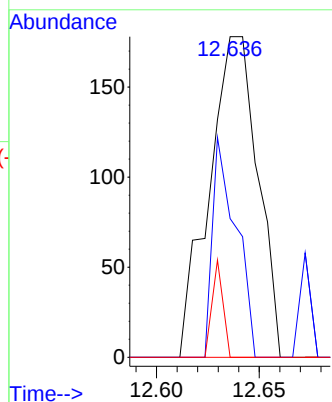
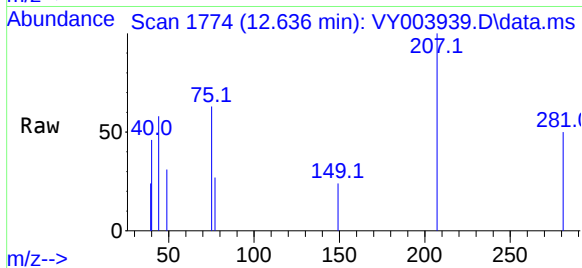




#61
1,2,3-Trichloropropane
Concen: 0.11 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY003939.D
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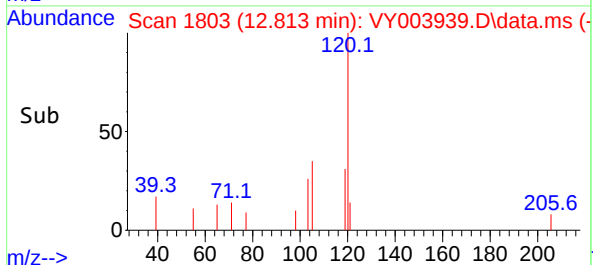
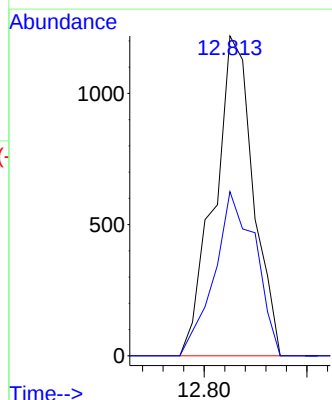
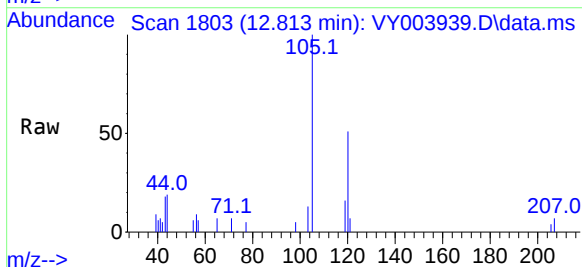
Instrument :
MSVOA_Y
ClientSampled :

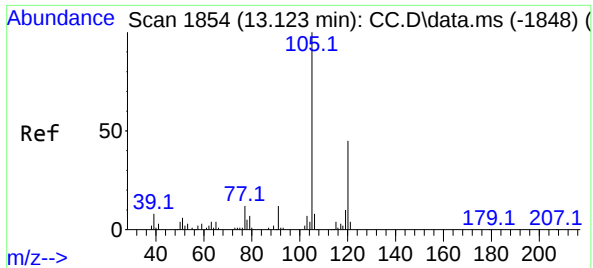
Tgt Ion: 75 Resp: 293
Ion Ratio Lower Upper
75 100
77 33.1 26.3 39.5
110 0.0 33.0 49.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.13 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY003939.D
Acq: 26 Jan 2021 15:40

Tgt Ion:105 Resp: 1608
Ion Ratio Lower Upper
105 100
120 54.0 40.4 60.6





1,2,4-Trimethylbenzene
Concen: 0.13 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. -0.311 min
Lab File: VY003939.D
Acq: 26 Jan 2021 15:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 1608
Ion Ratio Lower Upper
105 100
120 54.0 38.0 57.0

