

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006931.D
 Acq On : 04 Dec 2021 11:24
 Operator : SY/MD
 Sample : M4884-01
 Misc : 2.32g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9H7

Quant Time: Dec 05 06:06:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

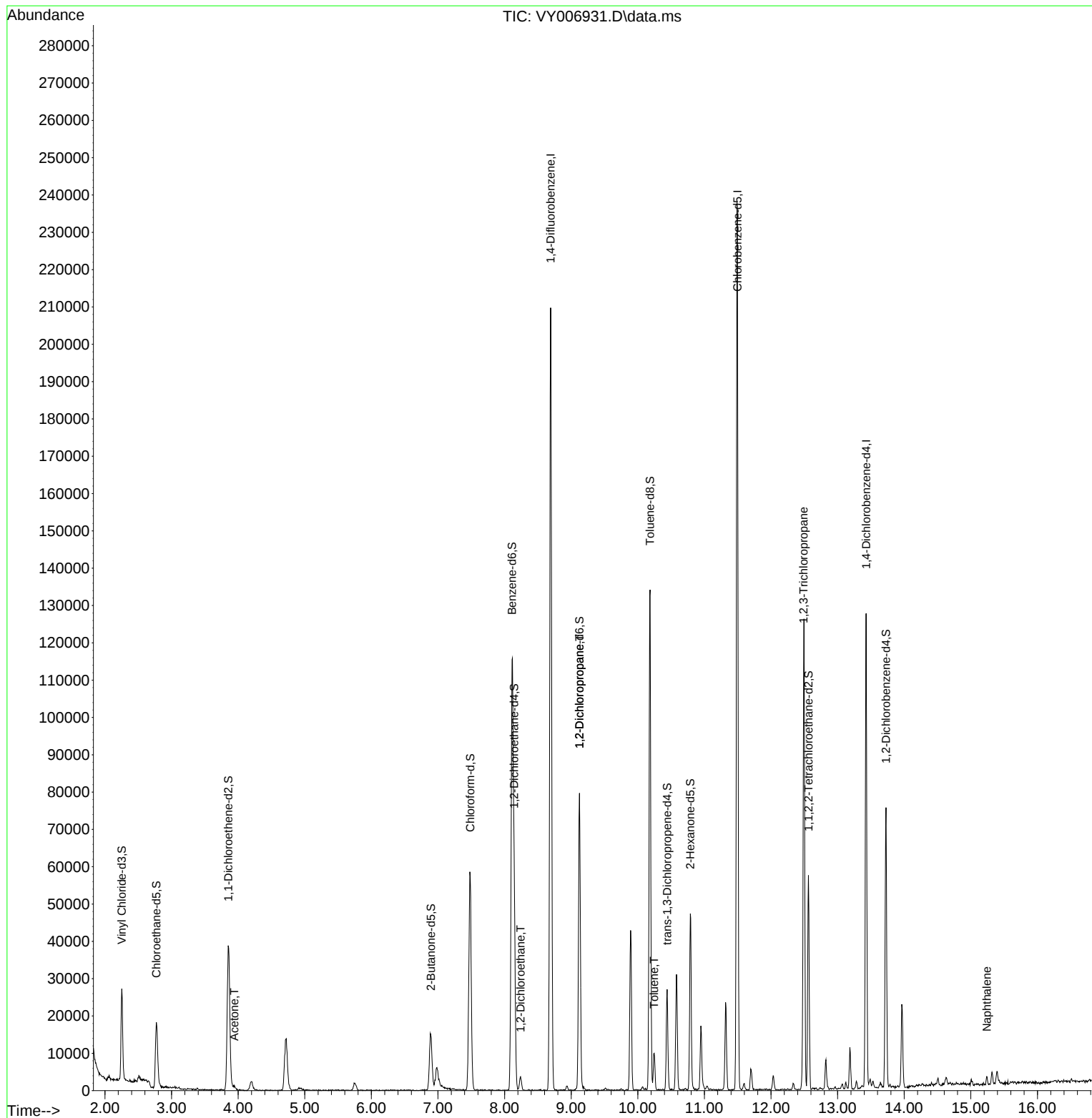
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	172151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	124608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	30836	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	25141	11.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.360%
7) Chloroethane-d5	2.772	69	22372	12.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.440%
11) 1,1-Dichloroethene-d2	3.851	63	38637	8.382	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.520%#
21) 2-Butanone-d5	6.893	46	27526	32.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.280%
24) Chloroform-d	7.484	84	59714	13.919	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	55.680%
26) 1,2-Dichloroethane-d4	8.143	65	36450	14.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	56.600%#
32) Benzene-d6	8.112	84	107822	16.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.160%
36) 1,2-Dichloropropane-d6	9.124	67	35711	17.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.680%#
41) Toluene-d8	10.185	98	85038	13.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.880%
43) trans-1,3-Dichloroprop...	10.441	79	13808	13.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.920%
47) 2-Hexanone-d5	10.788	63	15840	32.909	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.820%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	26739	15.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.720%
66) 1,2-Dichlorobenzene-d4	13.727	152	18551	18.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.800%#
Target Compounds					Qvalue	
13) Acetone	3.942	43	1774	2.260	ug/L	89
27) 1,2-Dichloroethane	8.240	62	3234	0.948	ug/L	100
37) 1,2-Dichloropropane	9.124	63	4330	2.016	ug/L #	87
42) Toluene	10.246	91	7536	0.843	ug/L	94
61) 1,2,3-Trichloropropane	12.489	75	1009	1.346	ug/L #	62
71) Naphthalene	15.239	128	1653	0.740	ug/L	96

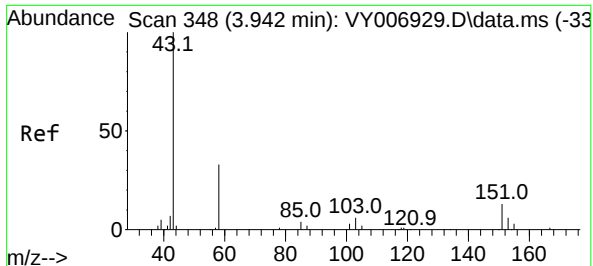
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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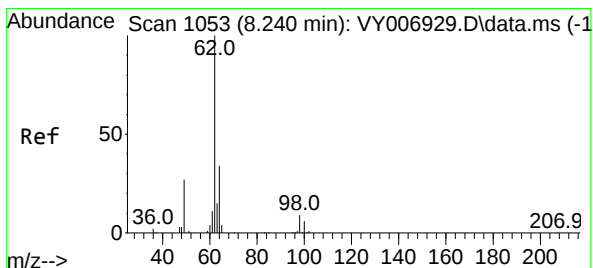
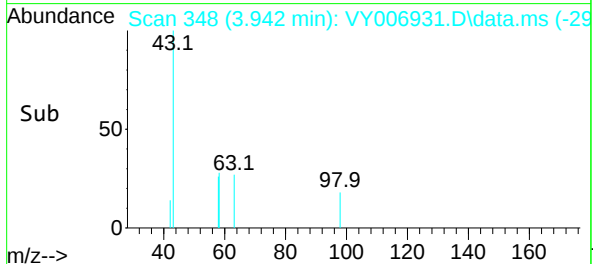
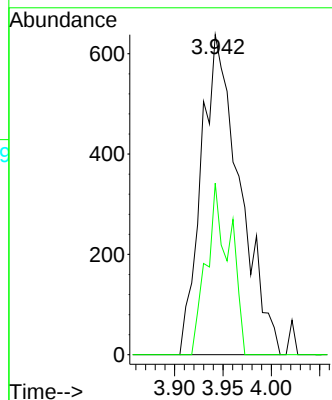
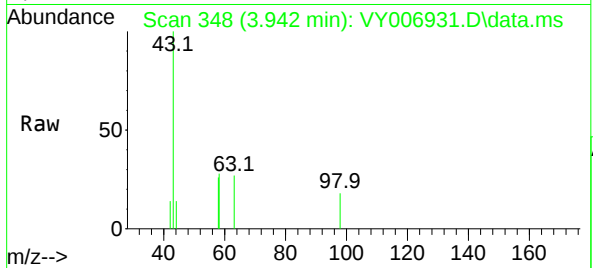




#13
Acetone
Concen: 2.260 ug/L
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY006931.D
Acq: 04 Dec 2021 11:24

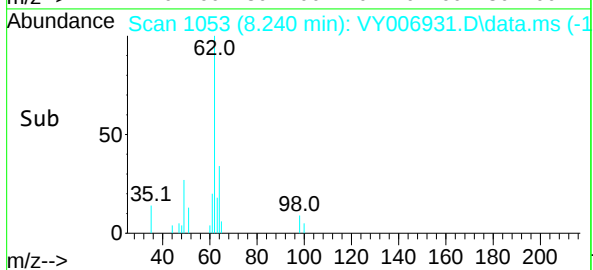
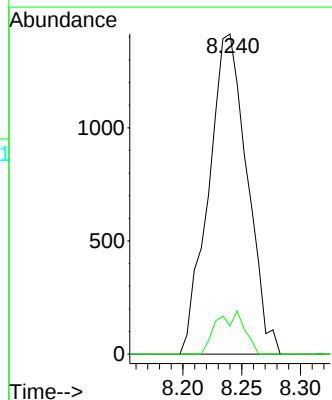
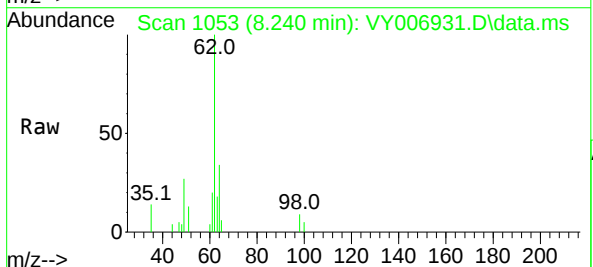
Instrument :
MSVOA_Y
ClientSampleId :
EW9H7

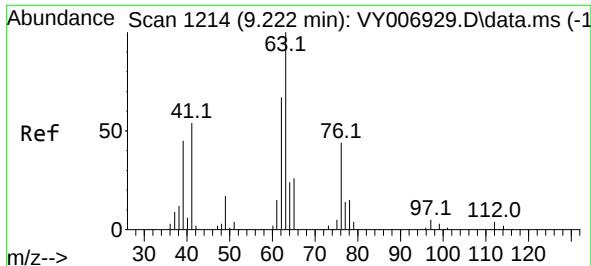
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 24.6 0.0 60.8



#27
1,2-Dichloroethane
Concen: 0.948 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006931.D
Acq: 04 Dec 2021 11:24

Tgt Ion: 62 Resp: 3234
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





#37

1,2-Dichloropropane

Concen: 2.016 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.092 min

Lab File: VY006931.D

Acq: 04 Dec 2021 11:24

Instrument :

MSVOA_Y

ClientSampleId :

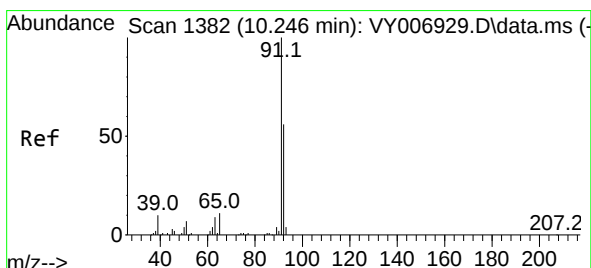
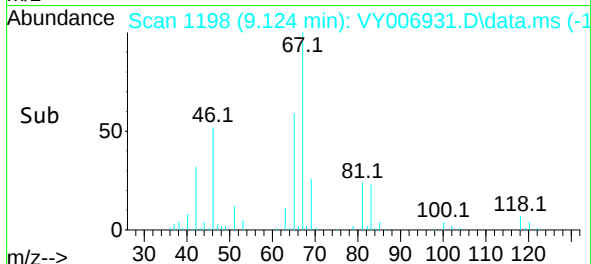
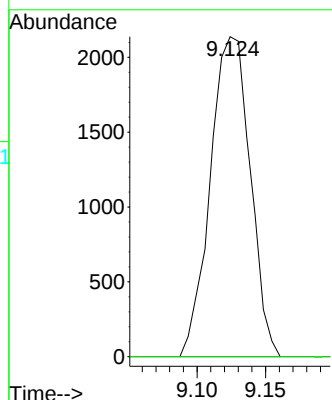
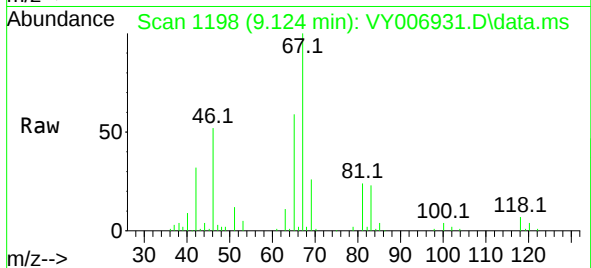
EW9H7

Tgt Ion: 63 Resp: 4330

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 0.843 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY006931.D

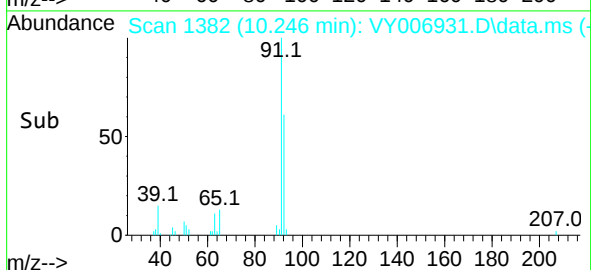
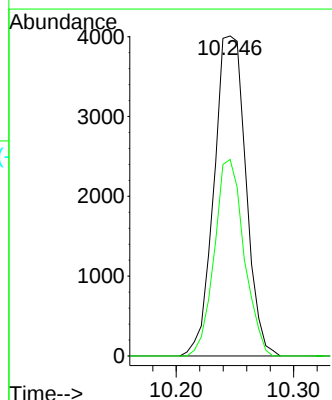
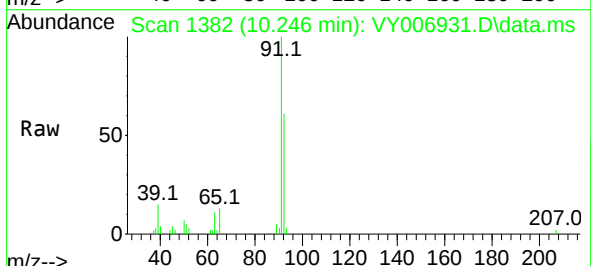
Acq: 04 Dec 2021 11:24

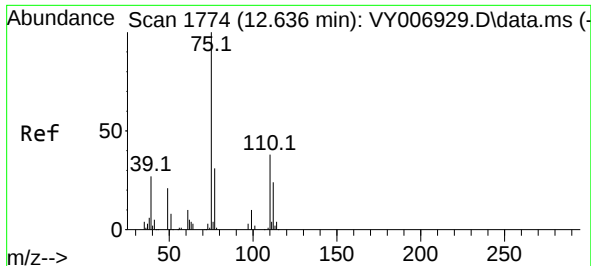
Tgt Ion: 91 Resp: 7536

Ion Ratio Lower Upper

91 100

92 61.4 39.8 74.0

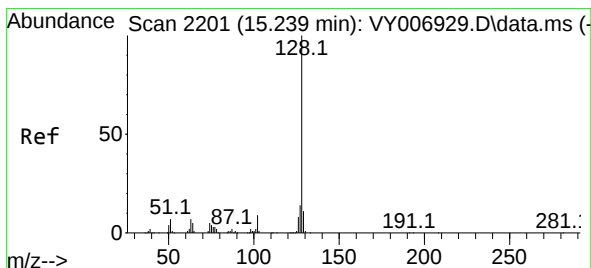
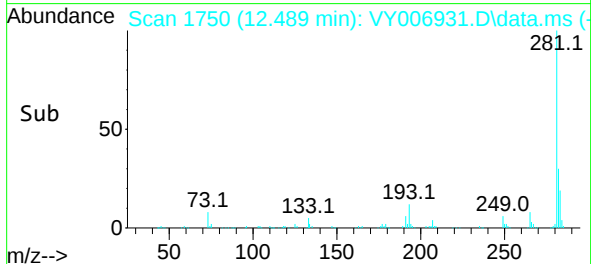
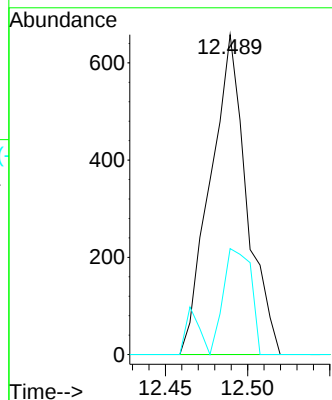
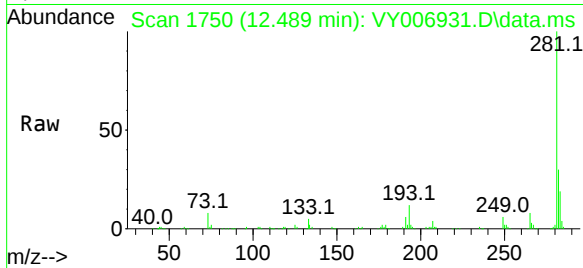




#61
1,2,3-Trichloropropane
Concen: 1.346 ug/L
RT: 12.489 min Scan# 11
Delta R.T. -0.140 min
Lab File: VY006931.D
Acq: 04 Dec 2021 11:24

Instrument :
MSVOA_Y
ClientSampleId :
EW9H7

Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
110 25.3 31.7 47.5#



#71
Naphthalene
Concen: 0.740 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006931.D
Acq: 04 Dec 2021 11:24

Tgt Ion: 128 Resp: 1653
Ion Ratio Lower Upper
128 100
127 12.2 10.8 16.2
129 9.2 8.7 13.1

