

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027427.D
 Acq On : 24 Oct 2023 19:21
 Operator : SY/MD
 Sample : 04961-11
 Misc : 5.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ5

Quant Time: Oct 25 01:34:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

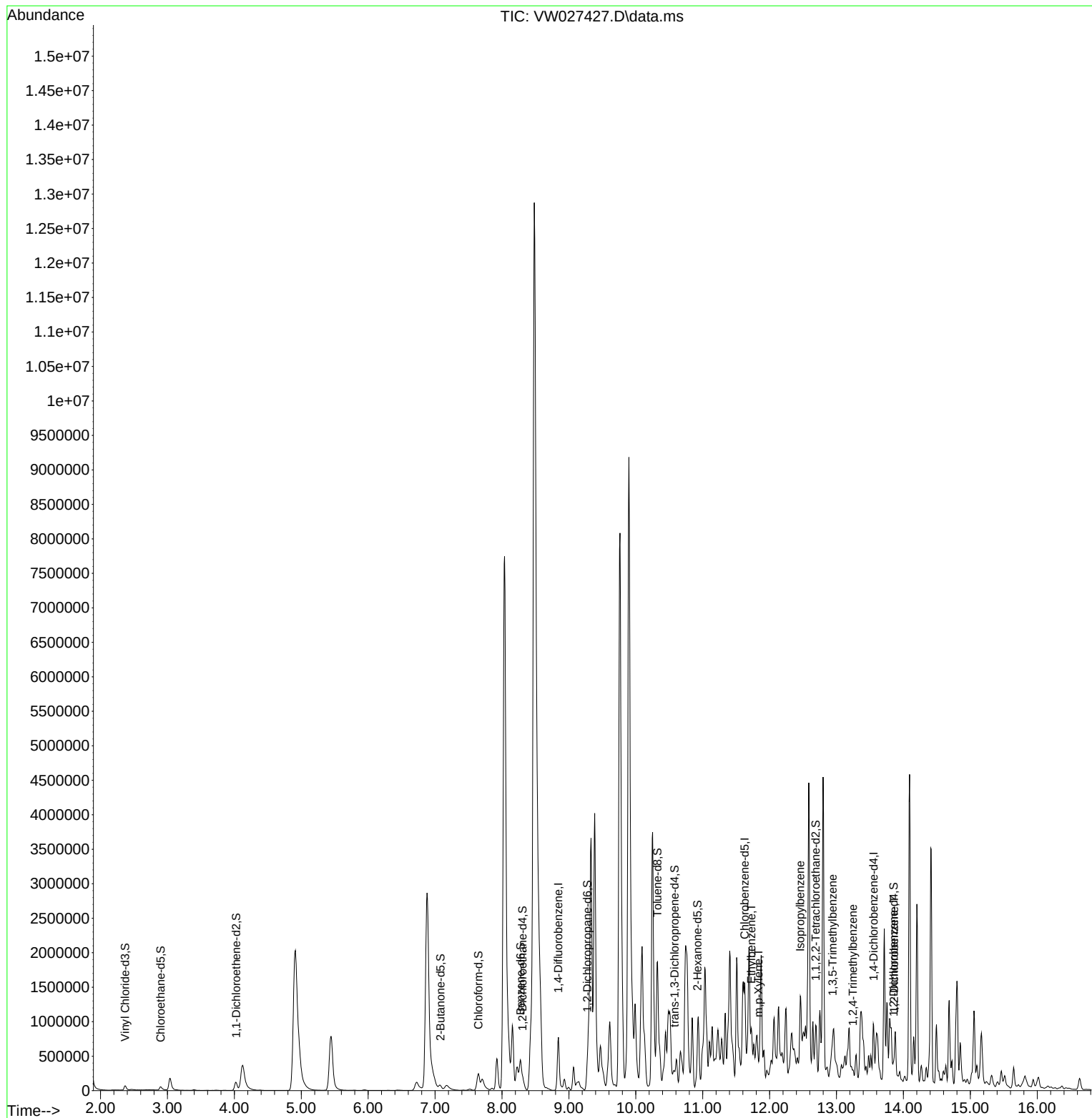
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	496913	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	405558	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142049	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	85527	11.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.120%
7) Chloroethane-d5	2.899	69	70896	13.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.080%
11) 1,1-Dichloroethene-d2	4.027	65	42462	11.174	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.680%#
21) 2-Butanone-d5	7.081	46	77396	30.705	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.400%
24) Chloroform-d	7.648	84	199510	13.471	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	53.880%
26) 1,2-Dichloroethane-d4	8.307	65	107525	13.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	54.080%#
32) Benzene-d6	8.276	84	385265	14.041	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	56.160%
36) 1,2-Dichloropropane-d6	9.276	67	143928	17.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.680%#
41) Toluene-d8	10.325	98	345836	13.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.600%
43) trans-1,3-Dichloroprop...	10.581	79	50976	13.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.360%
47) 2-Hexanone-d5	10.922	63	59798	34.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105164	16.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.280%
66) 1,2-Dichlorobenzene-d4	13.855	152	67791	13.169	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	52.680%#
Target Compounds						
					Qvalue	
52) Ethylbenzene	11.727	91	72740	2.251	ug/L	98
53) m,p-Xylene	11.837	106	42750	3.488	ug/L	99
60) Isopropylbenzene	12.458	105	688977	30.875	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	22827	1.226	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	67010	3.679	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	5473	0.682	ug/L #	59

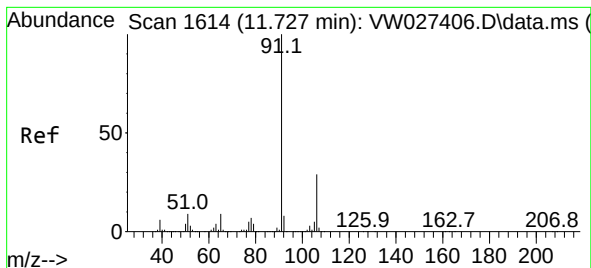
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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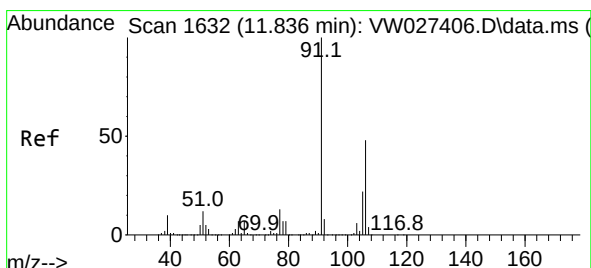
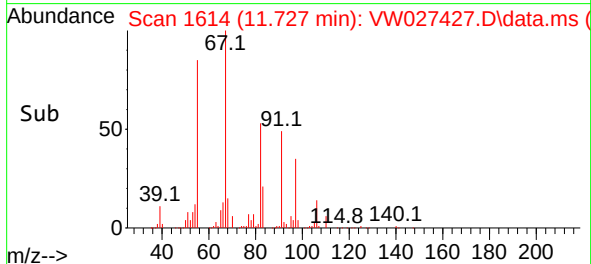
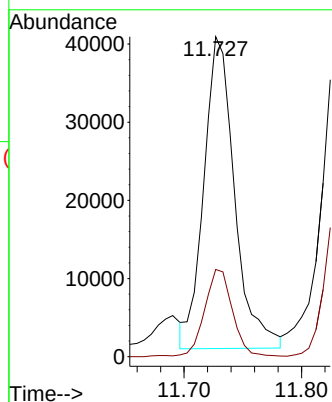
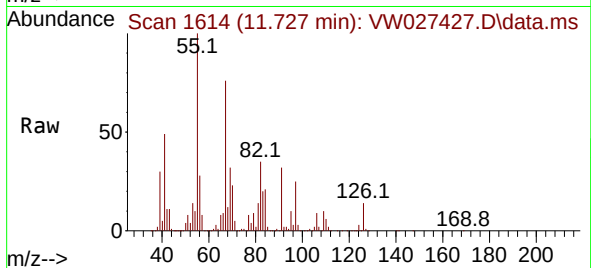




#52
Ethylbenzene
Concen: 2.251 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027427.D
Acq: 24 Oct 2023 19:21

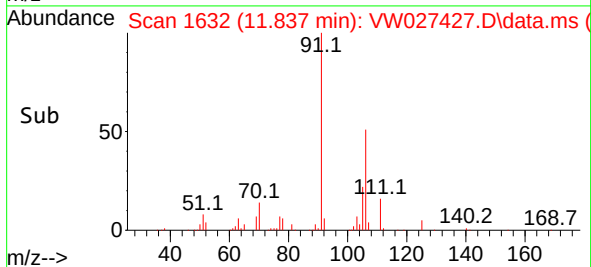
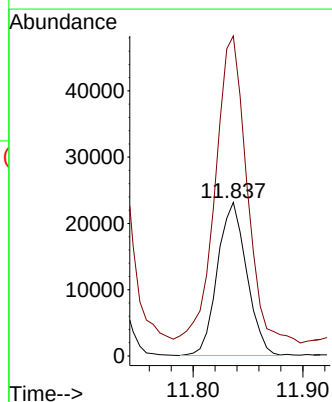
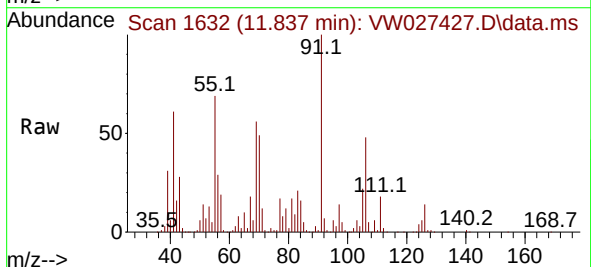
Instrument :
MSVOA_W
ClientSampleId :
E0LJ5

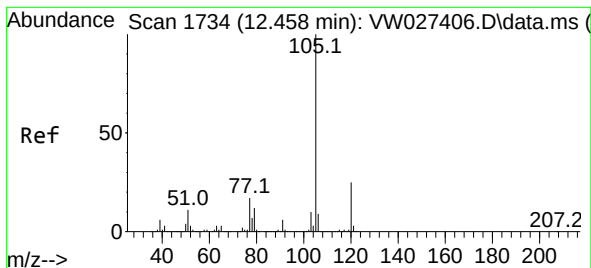
Tgt Ion: 91 Resp: 72740
Ion Ratio Lower Upper
91 100
106 27.2 19.8 36.8



#53
m,p-Xylene
Concen: 3.488 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027427.D
Acq: 24 Oct 2023 19:21

Tgt Ion:106 Resp: 42750
Ion Ratio Lower Upper
106 100
91 208.4 144.5 268.4

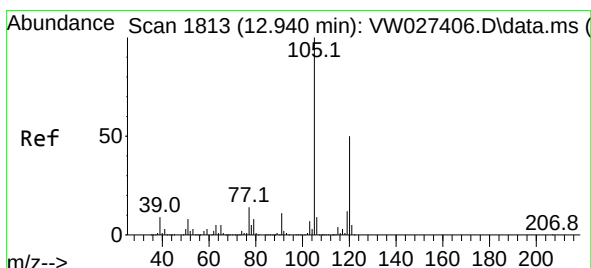
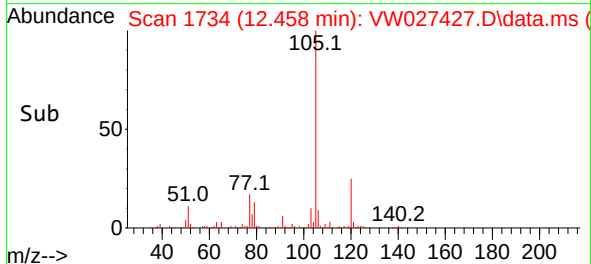
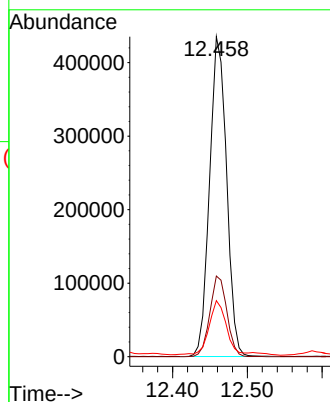
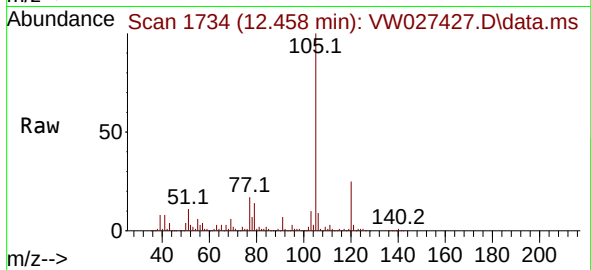




#60
Isopropylbenzene
Concen: 30.875 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027427.D
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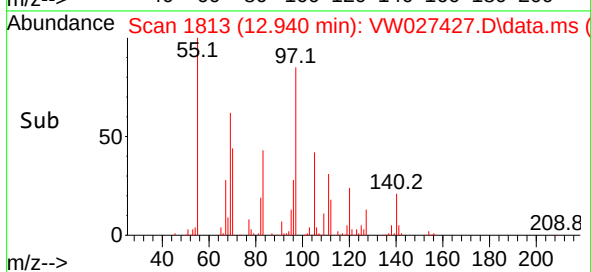
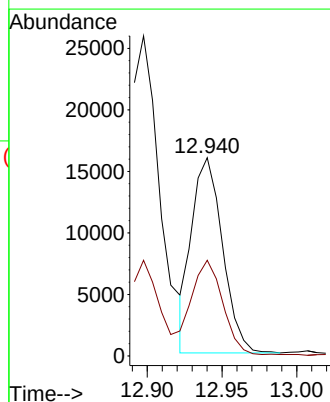
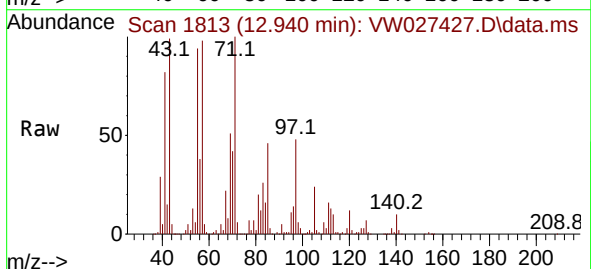
Instrument :
MSVOA_W
ClientSampleId :
E0LJ5

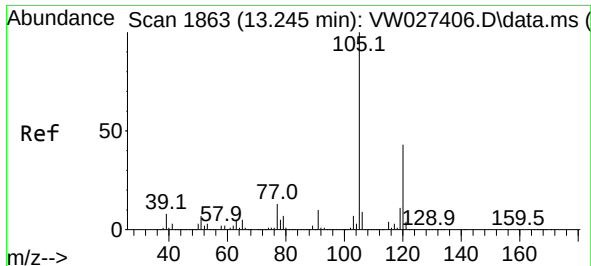
Tgt Ion:105 Resp: 688977
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 16.7 12.9 19.3



#62
1,3,5-Trimethylbenzene
Concen: 1.226 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027427.D
Acq: 24 Oct 2023 19:21

Tgt Ion:105 Resp: 22827
Ion Ratio Lower Upper
105 100
120 50.5 38.8 58.2

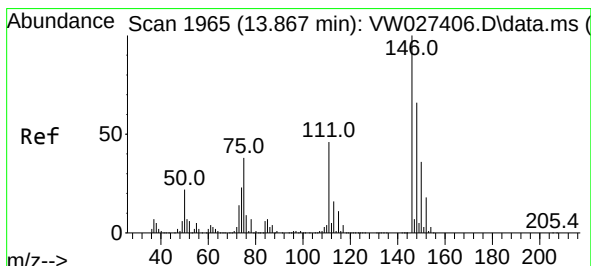
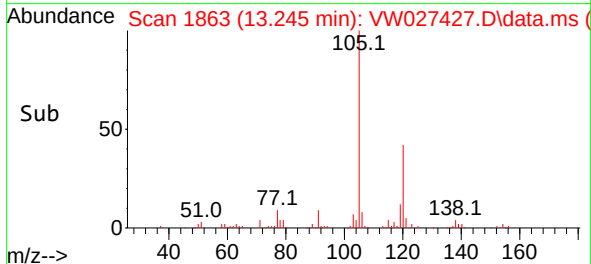
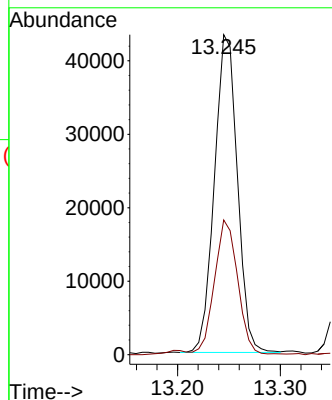
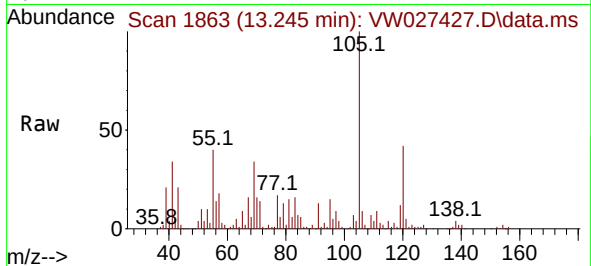




#63
1,2,4-Trimethylbenzene
Concen: 3.679 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027427.D
Acq: 24 Oct 2023 19:21

Instrument :
MSVOA_W
ClientSampleId :
E0LJ5

Tgt Ion:105 Resp: 67010
Ion Ratio Lower Upper
105 100
120 42.1 35.4 53.2



#67
1,2-Dichlorobenzene
Concen: 0.682 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW027427.D
Acq: 24 Oct 2023 19:21

Tgt Ion:146 Resp: 5473
Ion Ratio Lower Upper
146 100
111 107.1 36.8 55.2#
148 69.3 52.3 78.5

