

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077636.D
 Acq On : 18 Nov 2023 17:32
 Operator : JC/SY
 Sample : 05438-02RE
 Misc : 5.02G/10ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EY1G3RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Title : SFAM01.0

Signal : TIC: VD077636.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	20	26	35	rVB	322136	526950	100.00%	70.520%
2	3.046	247	248	250	rBV2	636	299	0.06%	0.040%
3	3.140	263	264	266	rBV	849	631	0.12%	0.084%
4	3.170	266	269	272	rVB2	1374	1532	0.29%	0.205%
5	3.370	302	303	304	rBV	1139	548	0.10%	0.073%
6	3.440	314	315	316	rBV	1179	532	0.10%	0.071%
7	3.517	327	328	331	rBV2	1196	975	0.19%	0.130%
8	3.552	333	334	335	rVV	911	353	0.07%	0.047%
9	3.675	352	355	356	rBV2	943	782	0.15%	0.105%
10	3.711	359	361	363	rBV2	1014	722	0.14%	0.097%
11	3.805	376	377	378	rBV2	943	408	0.08%	0.055%
12	3.864	385	387	388	rBV	1033	556	0.11%	0.074%
13	3.922	389	397	403	rVV5	4513	10898	2.07%	1.458%
14	4.158	435	437	438	rBV2	880	525	0.10%	0.070%
15	4.252	450	453	454	rBV	846	847	0.16%	0.113%
16	4.328	464	466	467	rBV	884	598	0.11%	0.080%
17	4.581	508	509	510	rBV	1057	491	0.09%	0.066%
18	4.775	540	542	543	rBV	2137	1281	0.24%	0.171%
19	4.922	566	567	569	rBV	1027	694	0.13%	0.093%
20	4.981	576	577	580	rVB2	908	645	0.12%	0.086%
21	5.005	580	581	582	rBV	892	479	0.09%	0.064%
22	5.052	587	589	592	rVB2	1348	1009	0.19%	0.135%
23	5.075	592	593	594	rVB	1305	461	0.09%	0.062%
24	5.093	594	596	597	rBV	1501	979	0.19%	0.131%
25	5.193	610	613	614	rBV	718	898	0.17%	0.120%
26	5.393	646	647	648	rVB	865	305	0.06%	0.041%
27	5.458	655	658	659	rVB	1108	1034	0.20%	0.138%
28	5.569	676	677	679	rBV	829	481	0.09%	0.064%
29	5.628	685	687	688	rVB	1128	416	0.08%	0.056%
30	5.646	688	690	692	rBV	820	481	0.09%	0.064%
31	5.681	694	696	698	rBV2	683	745	0.14%	0.100%
32	5.993	748	749	750	rBV	641	251	0.05%	0.034%
33	6.134	772	773	775	rBV	726	536	0.10%	0.072%
34	6.175	778	780	782	rBV2	1022	899	0.17%	0.120%
35	6.281	796	798	800	rVB2	1119	654	0.12%	0.088%
36	6.328	805	806	808	rBV2	915	675	0.13%	0.090%

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 ClientSampleId :
 EY1G3RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Title : SFAM01.0

37	6.352	808	810	815	rVB	1393	1636	0.31%	0.219%
38	6.446	825	826	829	rBV	1021	626	0.12%	0.084%
39	6.640	858	859	860	rBV	914	406	0.08%	0.054%
40	6.769	879	881	883	rBV2	732	414	0.08%	0.055%
41	6.899	902	903	905	rVB	1007	455	0.09%	0.061%
42	7.187	951	952	953	rBV	1096	447	0.08%	0.060%
43	7.328	975	976	978	rBV	968	809	0.15%	0.108%
44	7.475	999	1001	1002	rVB	1667	770	0.15%	0.103%
45	7.569	1008	1017	1024	rBV3	7975	20684	3.93%	2.768%
46	7.746	1046	1047	1048	rBV	1100	486	0.09%	0.065%
47	7.822	1059	1060	1062	rBV	1475	891	0.17%	0.119%
48	7.858	1064	1066	1068	rBV2	1437	1305	0.25%	0.175%
49	7.969	1083	1085	1088	rVB	1638	1106	0.21%	0.148%
50	8.087	1101	1105	1107	rBV2	874	1088	0.21%	0.146%
51	8.205	1118	1125	1133	rBV5	12757	38477	7.30%	5.149%
52	8.657	1200	1202	1205	rBV2	1420	1228	0.23%	0.164%
53	8.775	1215	1222	1230	rBV3	12823	26071	4.95%	3.489%
54	9.016	1261	1263	1265	rBV2	1422	968	0.18%	0.130%
55	9.040	1265	1267	1268	rVV	868	376	0.07%	0.050%
56	9.757	1386	1389	1391	rBV2	1071	1351	0.26%	0.181%
57	9.881	1409	1410	1412	rBV	1045	727	0.14%	0.097%
58	10.269	1470	1476	1484	rVV3	13854	26980	5.12%	3.611%
59	10.328	1484	1486	1487	rVB	1195	622	0.12%	0.083%
60	10.446	1505	1506	1509	rBV3	1177	1106	0.21%	0.148%
61	10.575	1525	1528	1530	rBV2	1565	1583	0.30%	0.212%
62	10.993	1598	1599	1602	rBV	1784	1345	0.26%	0.180%
63	11.434	1673	1674	1676	rBV	1056	650	0.12%	0.087%
64	11.587	1693	1700	1704	rBV2	17187	31396	5.96%	4.202%
65	11.951	1760	1762	1764	rBV2	1548	1081	0.21%	0.145%
66	12.093	1785	1786	1787	rBV	826	354	0.07%	0.047%
67	13.816	2074	2079	2086	rVB5	11475	21231	4.03%	2.841%

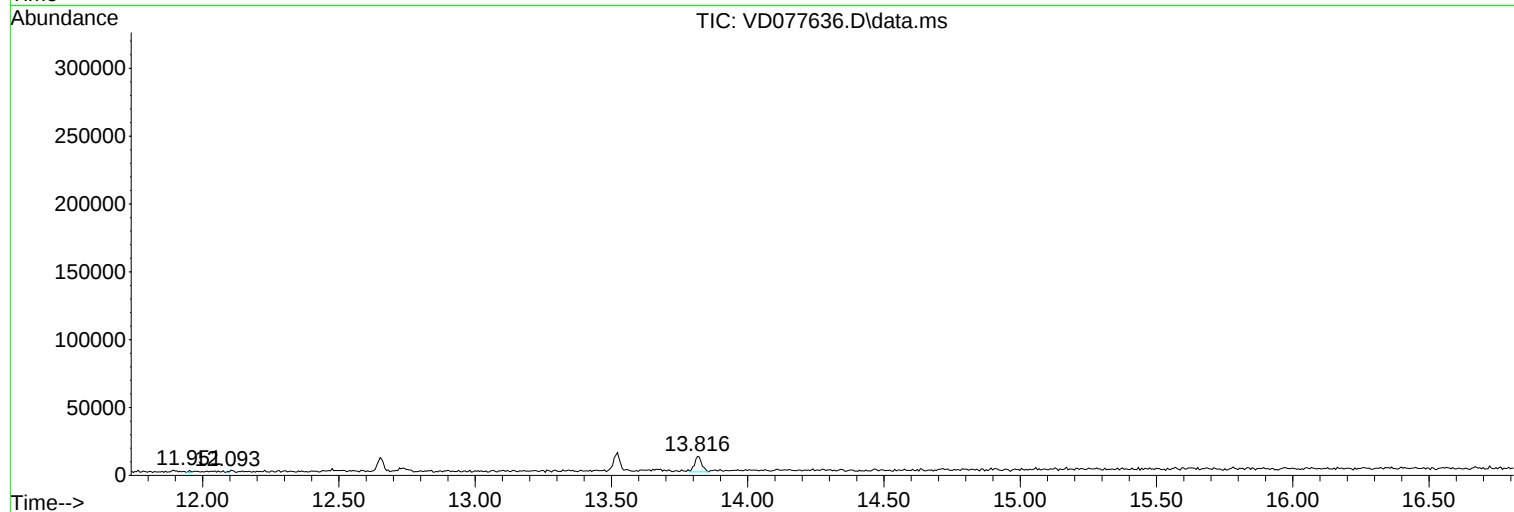
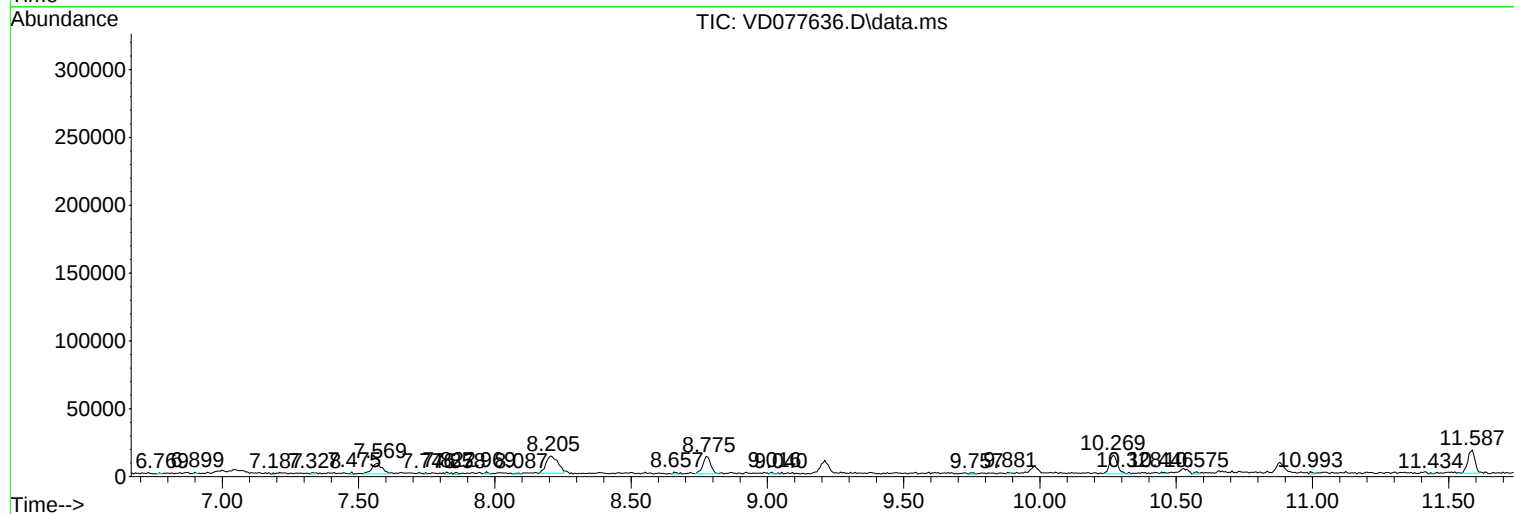
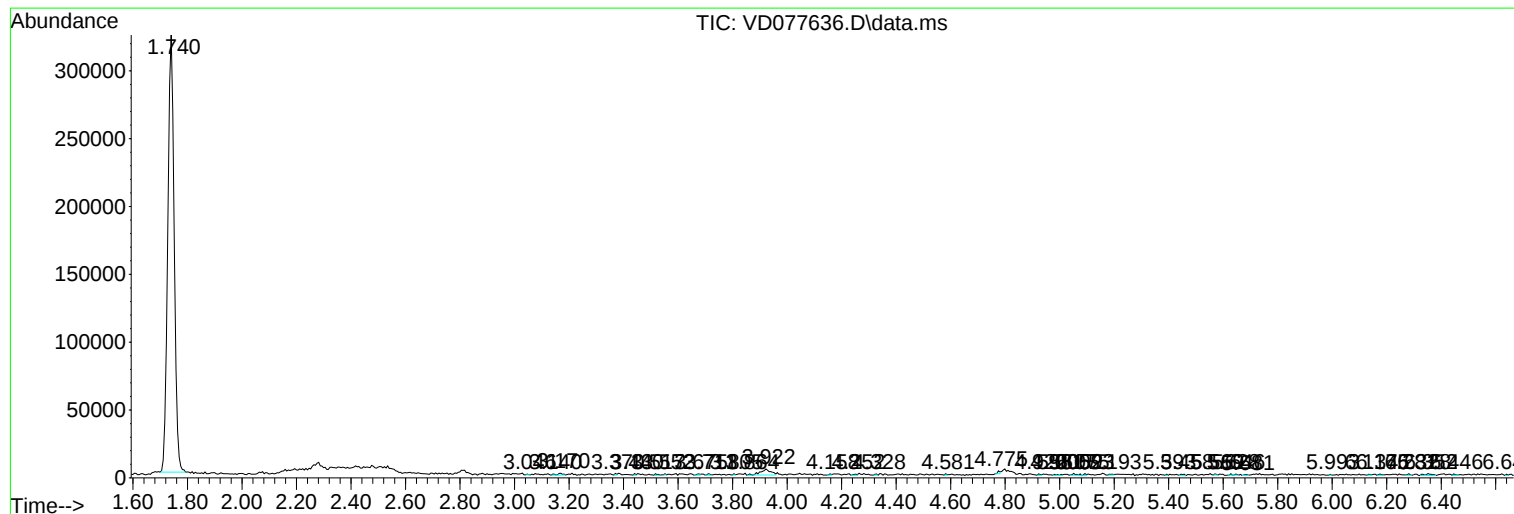
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ClientSampleId :
EY1G3RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_D
ClientSampleId :
EY1G3RE

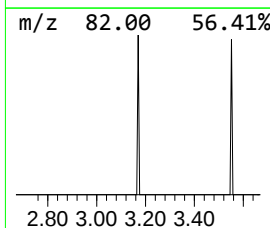
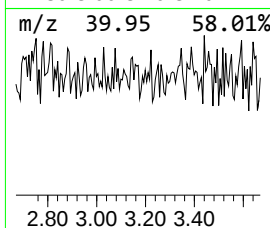
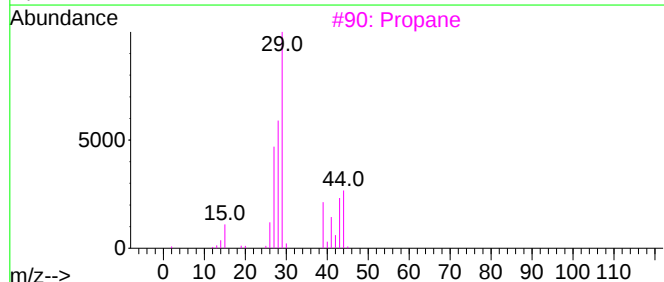
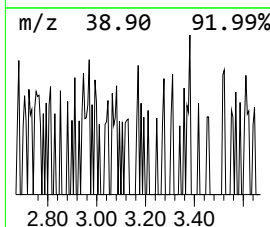
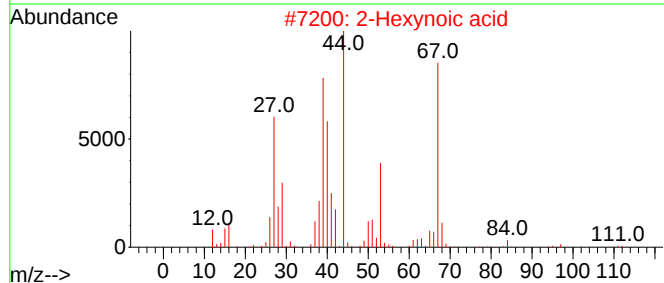
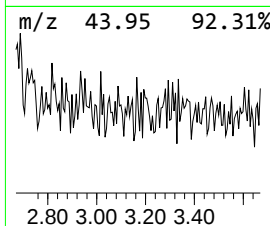
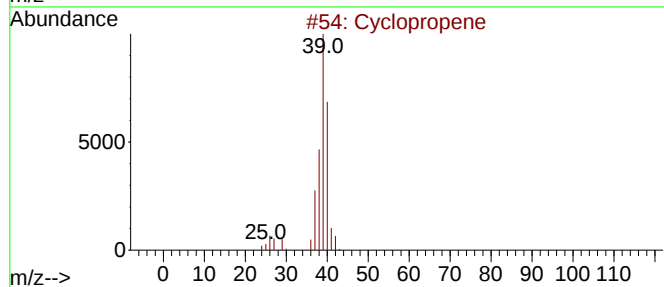
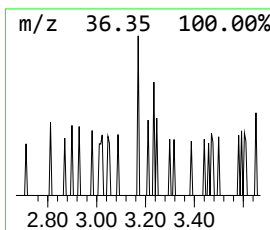
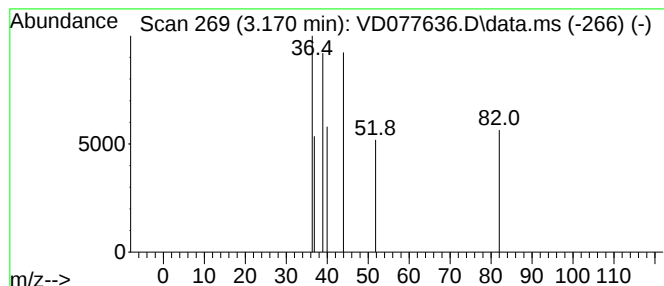
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.170	1.47 ug/L	1532	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropene	40	C3H4	002781-85-3	5
2			2-Hexynoic acid	112	C6H8O2	000764-33-0	4
3			Propane	44	C3H8	000074-98-6	3
4			1-Buten-3-yne	52	C4H4	000689-97-4	3
5			1-Buten-3-yne	52	C4H4	000689-97-4	3



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Misc : 5.02G/10ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EY1G3RE

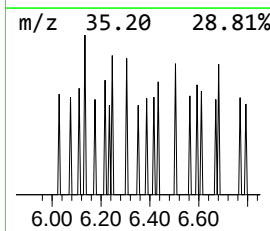
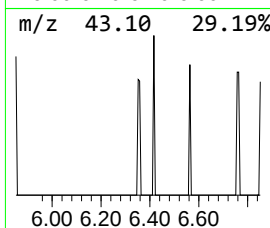
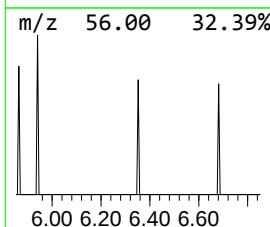
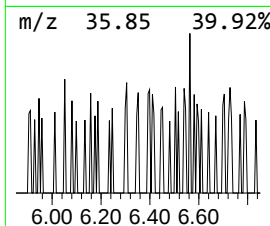
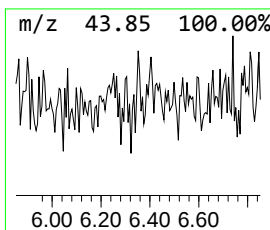
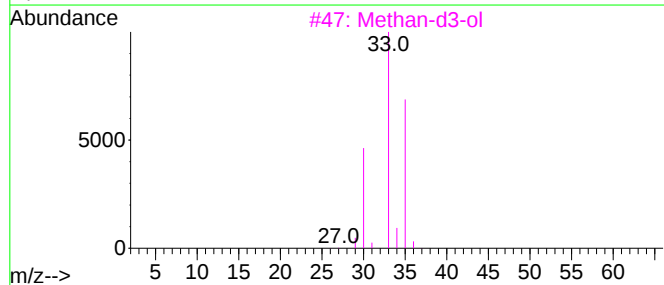
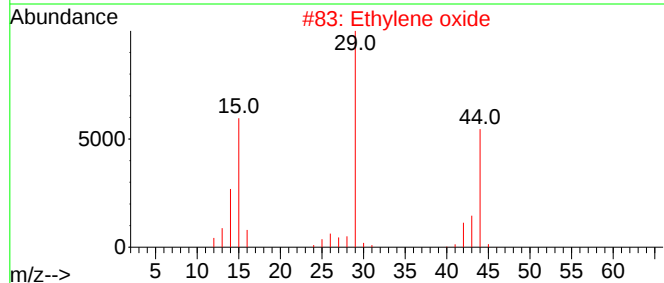
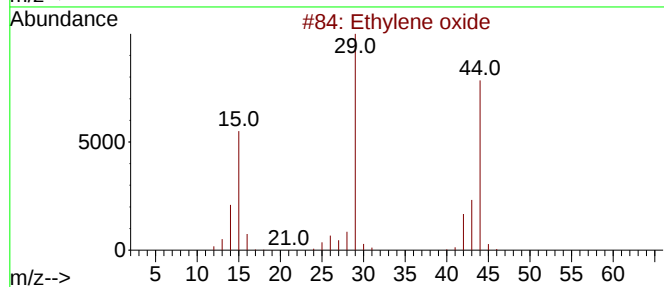
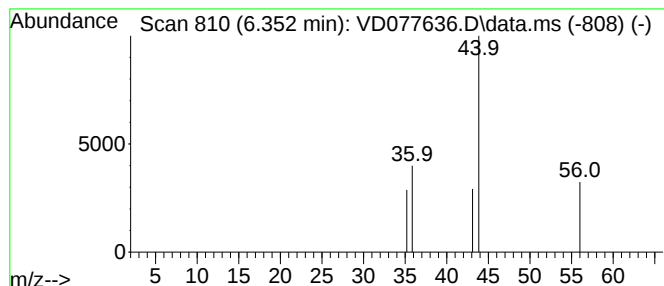
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.352	1.57 ug/L	1636	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylene oxide	44	C2H4O	000075-21-8	3
2			Ethylene oxide	44	C2H4O	000075-21-8	3
3			Methan-d3-ol	35	CHD3O	001849-29-2	3
4			Ethylene oxide	44	C2H4O	000075-21-8	3
5			Methan-d3-ol	35	CHD3O	001849-29-2	3



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Misc : 5.02G/10ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EY1G3RE

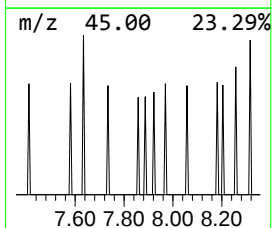
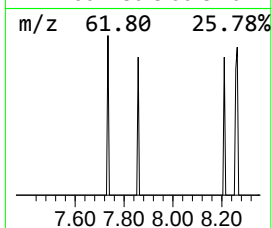
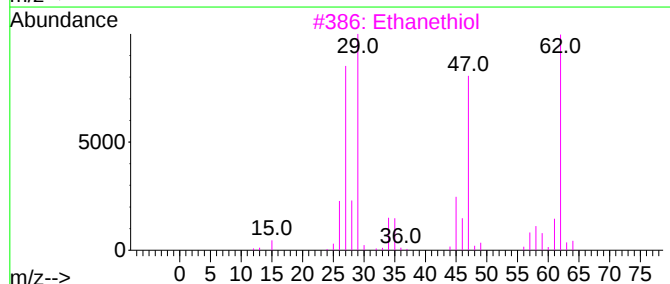
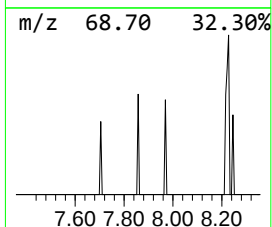
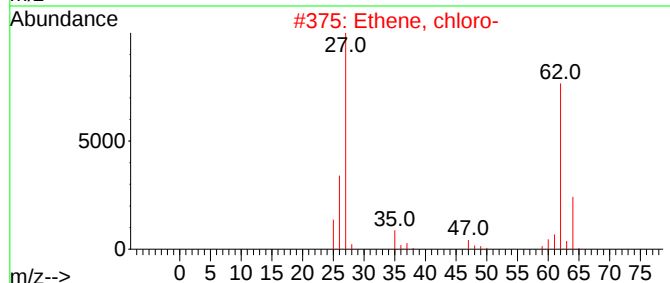
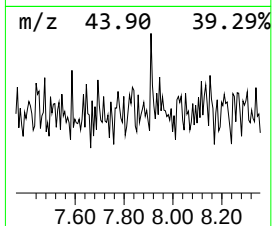
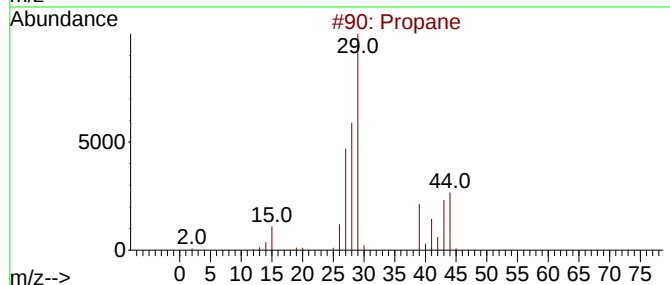
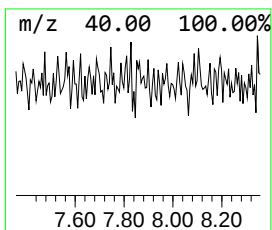
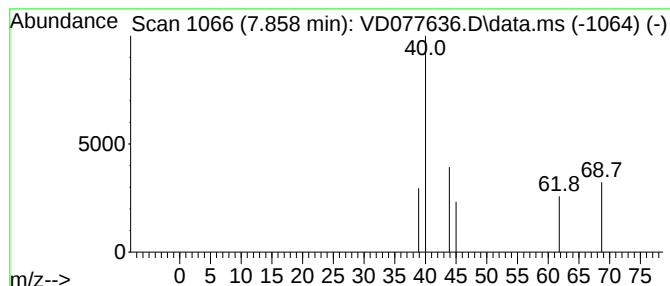
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.858	1.25 ug/L	1305	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane	44	C3H8	000074-98-6	3
2			Ethene, chloro-	62	C2H3Cl	000075-01-4	3
3			Ethanethiol	62	C2H6S	000075-08-1	3
4			Peroxide, dimethyl	62	C2H6O2	000690-02-8	3
5			Ethanethiol	62	C2H6S	000075-08-1	3



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EY1G3RE

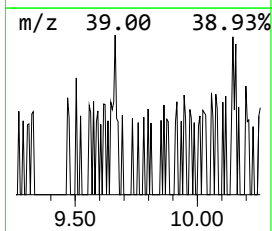
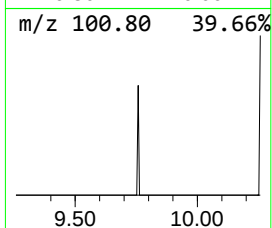
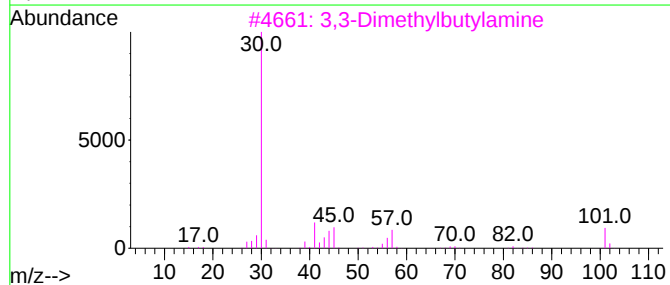
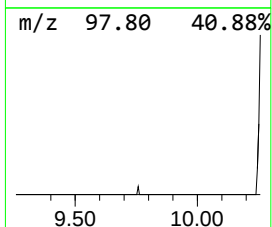
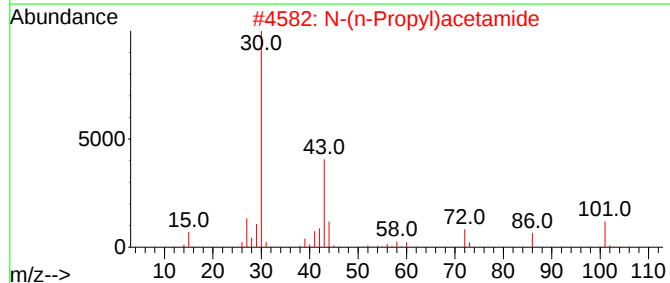
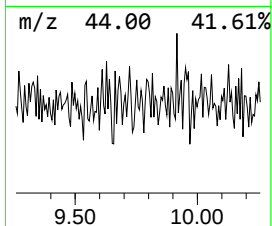
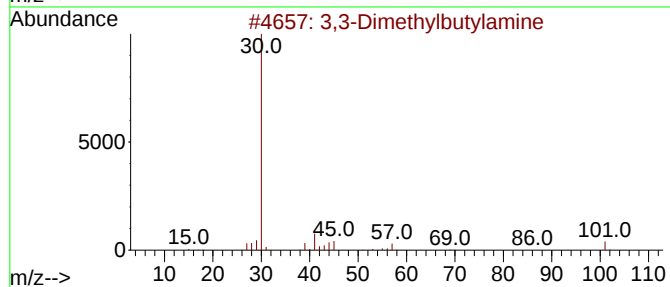
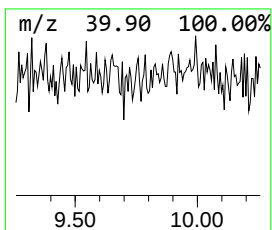
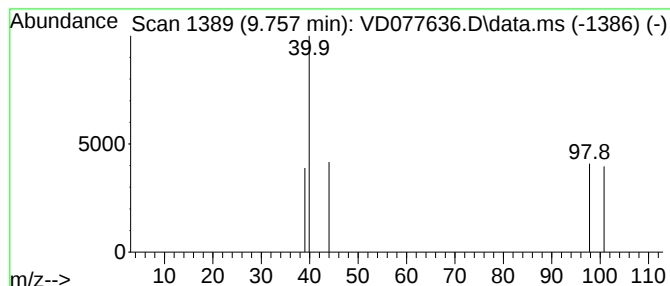
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	1.30 ug/L	1351	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	4
2			N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	3
3			3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	3
4			1-Hexanamine	101	C6H15N	000111-26-2	3
5			Propane	44	C3H8	000074-98-6	3



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ClientSampleId :
EY1G3RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.170	1.5	ug/L	1532	1	8.775	26071	25.0
unknown-02	6.352	1.6	ug/L	1636	1	8.775	26071	25.0
(DEL) Alkane: S...	7.858	1.3	ug/L	1305	1	8.775	26071	25.0
unknown-03	9.757	1.3	ug/L	1351	1	8.775	26071	25.0