

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079923.D
 Acq On : 27 Sep 2024 15:34
 Operator : RP/MD
 Sample : P4162-19RE
 Misc : 5.09G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4EJ4RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Title : SFAM01.0

Signal : TIC: VD079923.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	12	17	19	rBV	3374	4367	0.28%	0.068%
2	1.740	19	26	39	rVV	1000544	1580248	100.00%	24.650%
3	2.275	111	117	126	rVB	170461	250980	15.88%	3.915%
4	2.805	200	207	216	rVB	148084	282087	17.85%	4.400%
5	3.363	299	302	304	rBV	813	666	0.04%	0.010%
6	3.463	318	319	321	rBV2	578	426	0.03%	0.007%
7	3.916	384	396	408	rBV2	90250	245813	15.56%	3.834%
8	4.022	410	414	423	rVB2	4084	9647	0.61%	0.150%
9	4.181	438	441	442	rBV2	1002	874	0.06%	0.014%
10	4.252	451	453	454	rBV2	860	682	0.04%	0.011%
11	4.487	491	493	496	rBV2	388	438	0.03%	0.007%
12	4.757	537	539	540	rBV	918	607	0.04%	0.009%
13	4.804	540	547	554	rVV5	4028	11379	0.72%	0.178%
14	4.881	557	560	562	rBV	812	797	0.05%	0.012%
15	4.987	575	578	579	rBV2	911	689	0.04%	0.011%
16	5.069	590	592	594	rVB	686	572	0.04%	0.009%
17	5.099	594	597	599	rBV	802	841	0.05%	0.013%
18	5.128	599	602	605	rBV	582	806	0.05%	0.013%
19	5.157	605	607	610	rVB2	656	581	0.04%	0.009%
20	5.246	619	622	625	rBV2	413	528	0.03%	0.008%
21	5.275	625	627	631	rBV2	457	664	0.04%	0.010%
22	5.328	634	636	637	rVV	534	441	0.03%	0.007%
23	5.375	641	644	645	rVB	531	406	0.03%	0.006%
24	5.393	645	647	648	rBV2	643	540	0.03%	0.008%
25	5.422	650	652	654	rVV2	533	411	0.03%	0.006%
26	5.487	661	663	667	rBV	519	598	0.04%	0.009%
27	5.587	678	680	682	rBV	767	712	0.05%	0.011%
28	5.610	682	684	687	rVB2	513	436	0.03%	0.007%
29	5.651	690	691	693	rBV2	631	479	0.03%	0.007%
30	5.775	709	712	714	rVB2	708	736	0.05%	0.011%
31	5.816	714	719	721	rBV2	767	1317	0.08%	0.021%
32	5.840	721	723	724	rBV2	906	861	0.05%	0.013%
33	5.922	735	737	740	rBV	359	474	0.03%	0.007%
34	5.963	742	744	746	rVB	631	480	0.03%	0.007%
35	5.987	746	748	750	rBV	439	555	0.04%	0.009%
36	6.046	756	758	762	rVB2	482	401	0.03%	0.006%

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 ClientSampleId :
 A4EJ4RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Title : SFAM01.0

37	6.175	777	780	783	rBV2	401	549	0.03%	0.009%
38	6.228	787	789	791	rBV	714	589	0.04%	0.009%
39	6.298	797	801	802	rBV	755	708	0.04%	0.011%
40	6.351	807	810	813	rVB2	715	729	0.05%	0.011%
41	6.393	815	817	819	rVB	560	478	0.03%	0.007%
42	6.428	819	823	824	rBV	753	669	0.04%	0.010%
43	6.551	841	844	846	rBV2	409	600	0.04%	0.009%
44	6.681	864	866	870	rBV2	447	472	0.03%	0.007%
45	6.834	890	892	893	rBV	575	482	0.03%	0.008%
46	6.887	899	901	906	rVB	579	494	0.03%	0.008%
47	6.987	910	918	930	rVV	16492	45649	2.89%	0.712%
48	7.151	945	946	950	rBV2	654	755	0.05%	0.012%
49	7.240	960	961	963	rBV2	477	451	0.03%	0.007%
50	7.351	978	980	982	rVB	615	500	0.03%	0.008%
51	7.381	982	985	987	rBV2	652	763	0.05%	0.012%
52	7.569	1007	1017	1030	rBV	140408	356984	22.59%	5.569%
53	7.857	1064	1066	1067	rBV	882	523	0.03%	0.008%
54	8.104	1106	1108	1110	rBV	561	464	0.03%	0.007%
55	8.204	1114	1125	1141	rBV2	275651	816419	51.66%	12.735%
56	8.569	1184	1187	1189	rBV2	569	575	0.04%	0.009%
57	8.640	1197	1199	1203	rBV2	642	565	0.04%	0.009%
58	8.781	1213	1223	1231	rBV	219843	447760	28.33%	6.985%
59	8.934	1247	1249	1252	rBV2	459	467	0.03%	0.007%
60	9.022	1258	1264	1266	rBV2	1243	1744	0.11%	0.027%
61	9.075	1272	1273	1276	rVB2	776	461	0.03%	0.007%
62	9.210	1287	1296	1307	rBV	189247	393363	24.89%	6.136%
63	9.392	1325	1327	1328	rBV	502	396	0.03%	0.006%
64	9.422	1331	1332	1335	rBV2	932	757	0.05%	0.012%
65	9.510	1346	1347	1350	rVV	569	391	0.02%	0.006%
66	9.728	1382	1384	1385	rBV	933	600	0.04%	0.009%
67	9.910	1413	1415	1418	rVB2	558	417	0.03%	0.007%
68	9.981	1418	1427	1436	rBV	89570	166733	10.55%	2.601%
69	10.104	1447	1448	1449	rBV	710	405	0.03%	0.006%
70	10.269	1468	1476	1483	rBV	321061	572121	36.20%	8.925%
71	10.522	1513	1519	1531	rBV	55871	100002	6.33%	1.560%
72	10.663	1540	1543	1546	rBV2	1795	2260	0.14%	0.035%
73	10.875	1573	1579	1587	rBV	67942	116337	7.36%	1.815%
74	11.428	1670	1673	1674	rBV	531	456	0.03%	0.007%
75	11.581	1692	1699	1708	rVB	227322	383524	24.27%	5.983%
76	11.657	1711	1712	1713	rBV	896	417	0.03%	0.007%

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Instrument :
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 ClientSampleId :
 A4EJ4RE

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\SFAMDLM091024SMA.M
 Title : SFAM01.0

77	11.745	1725	1727	1729	rVB2	700	514	0.03%	0.008%
78	11.781	1731	1733	1736	rVV2	479	563	0.04%	0.009%
79	11.822	1738	1740	1742	rVV2	698	529	0.03%	0.008%
80	12.110	1787	1789	1792	rBV	515	524	0.03%	0.008%
81	12.181	1800	1801	1803	rBV2	616	439	0.03%	0.007%
82	12.210	1803	1806	1810	rBV2	446	643	0.04%	0.010%
83	12.375	1831	1834	1835	rBV	552	531	0.03%	0.008%
84	12.398	1836	1838	1840	rVB2	999	569	0.04%	0.009%
85	12.528	1857	1860	1861	rBV2	535	562	0.04%	0.009%
86	12.551	1861	1864	1866	rBV3	2780	3375	0.21%	0.053%
87	12.651	1873	1881	1888	rVB	90873	155522	9.84%	2.426%
88	12.733	1888	1895	1901	rBV4	6467	11645	0.74%	0.182%
89	12.804	1905	1907	1910	rVB2	932	736	0.05%	0.011%
90	12.833	1910	1912	1913	rBV2	1046	842	0.05%	0.013%
91	12.910	1921	1925	1926	rBV2	1846	2391	0.15%	0.037%
92	13.016	1941	1943	1945	rBV3	1411	1385	0.09%	0.022%
93	13.157	1964	1967	1974	rVB4	6353	10059	0.64%	0.157%
94	13.216	1975	1977	1978	rVV	1307	557	0.04%	0.009%
95	13.269	1982	1986	1994	rVB6	3548	7776	0.49%	0.121%
96	13.369	1994	2003	2011	rBV8	10084	27406	1.73%	0.428%
97	13.475	2019	2021	2022	rBV2	2805	2858	0.18%	0.045%
98	13.516	2023	2028	2033	rVV	91504	145145	9.18%	2.264%
99	13.810	2073	2078	2086	rVB	107792	185405	11.73%	2.892%
100	14.474	2186	2191	2195	rBV4	14543	30076	1.90%	0.469%

Sum of corrected areas: 6410620

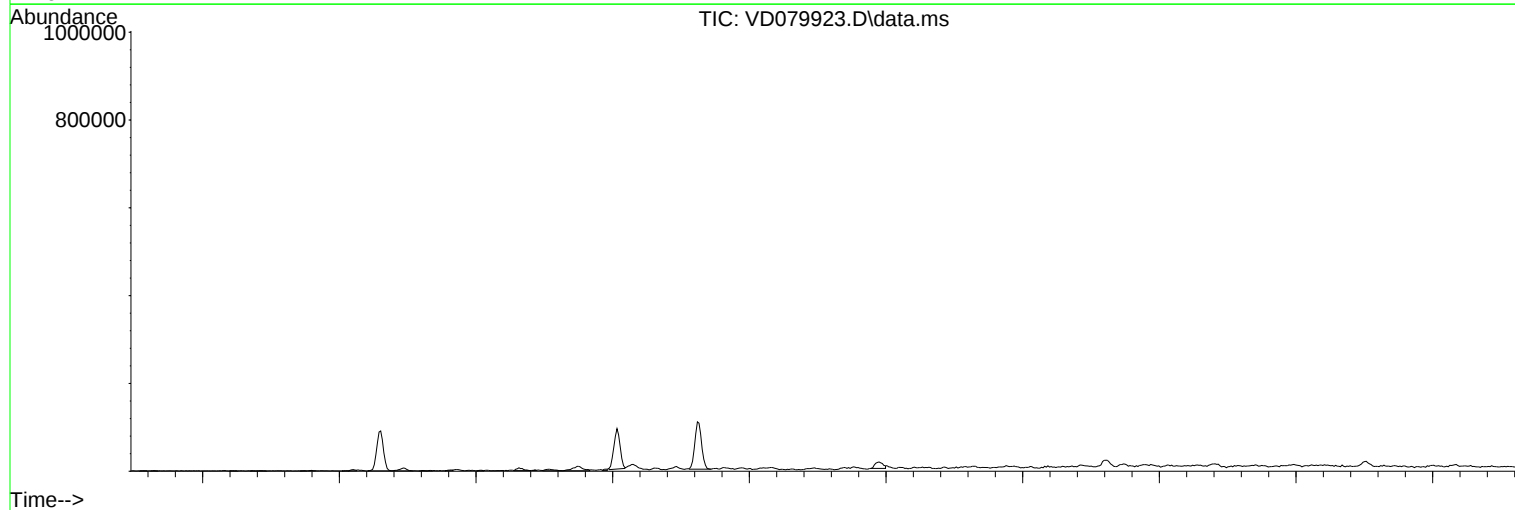
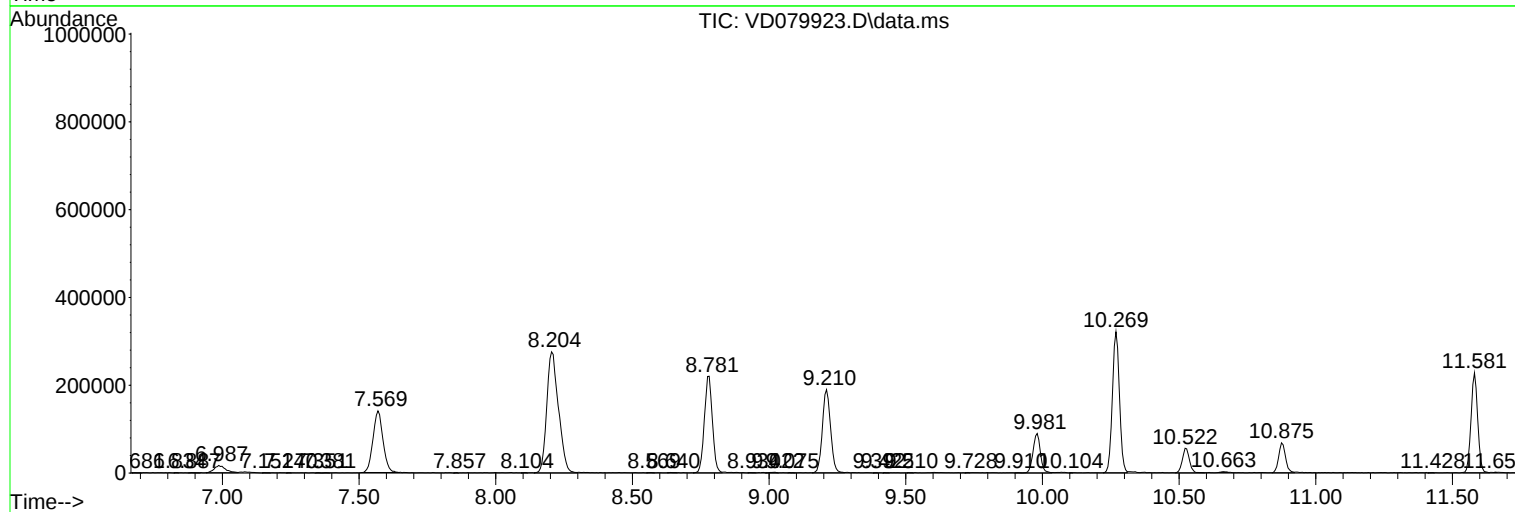
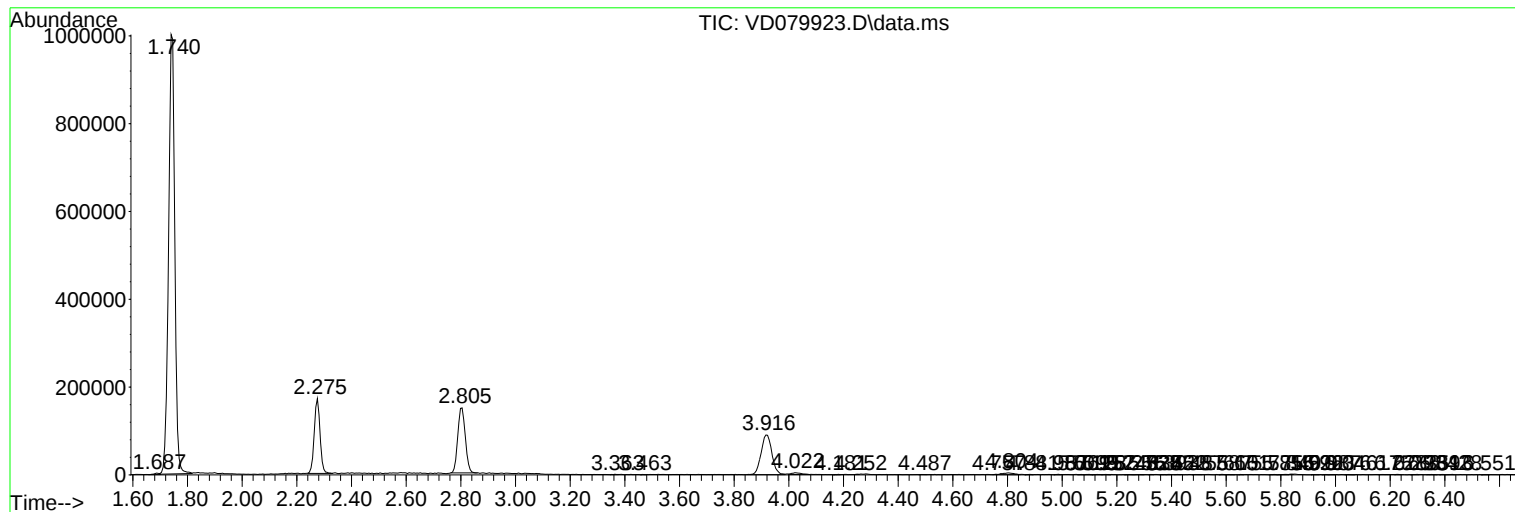
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Misc : 5.09G/10ml/MSVOA_D/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ4RE

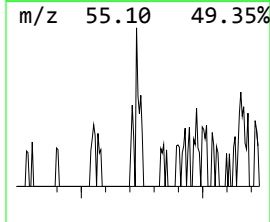
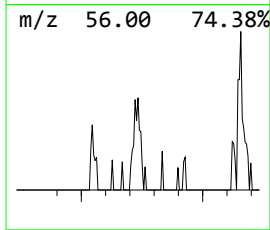
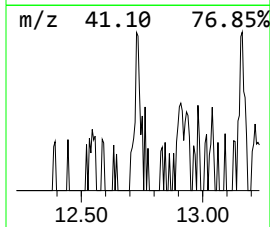
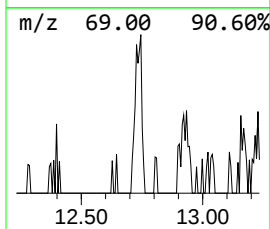
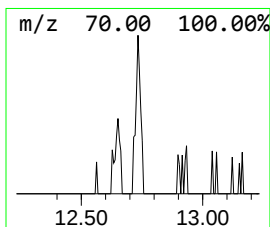
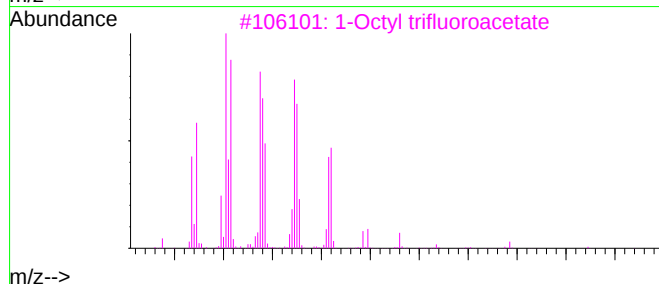
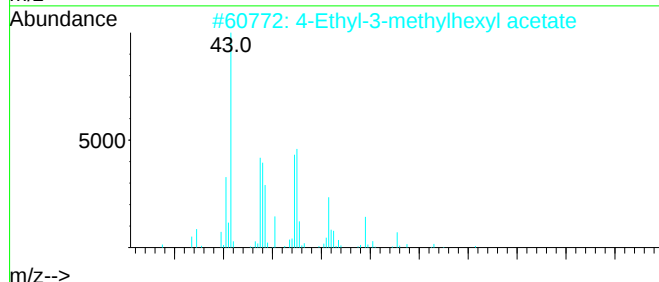
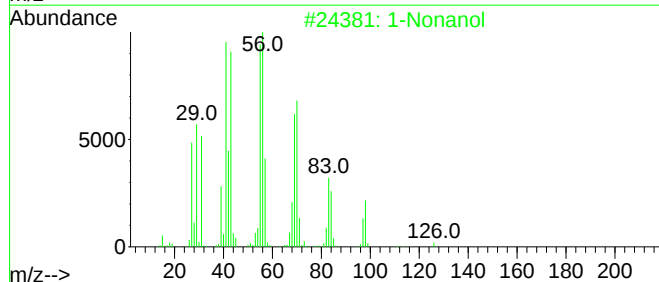
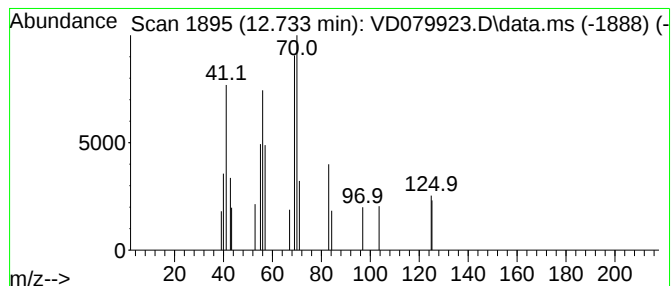
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.733	2.01 ug/L	11645	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Nonanol		144	C9H20O	000143-08-8	45
2	4-Ethyl-3-methylhexyl acetate		186	C11H22O2	1000473-04-9	45
3	1-Octyl trifluoroacetate		226	C10H17F3O2	002561-21-9	45
4	1-Nonanol		144	C9H20O	000143-08-8	42
5	Cyclopentane, propyl-		112	C8H16	002040-96-2	38



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Instrument :
MSVOA_D
ClientSampleId :
A4EJ4RE

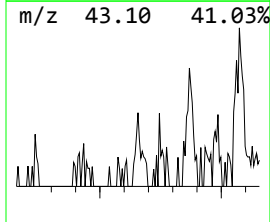
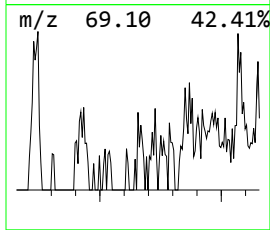
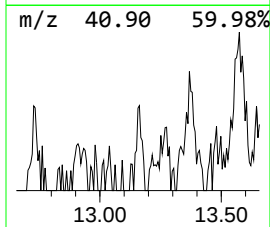
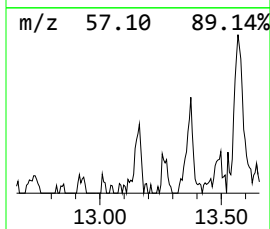
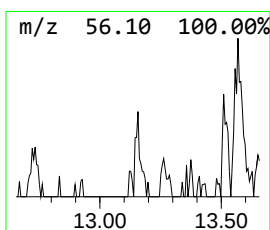
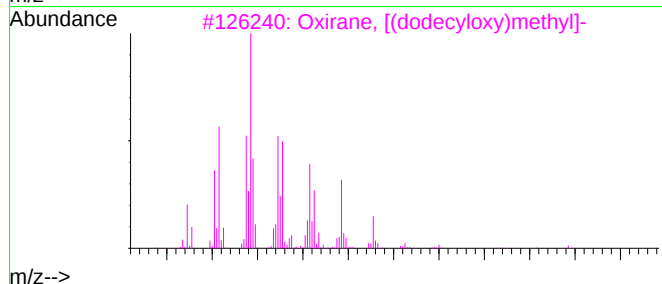
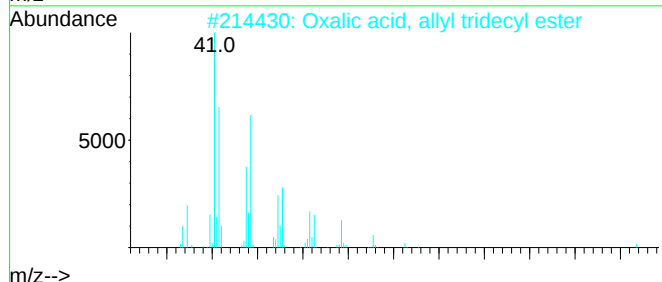
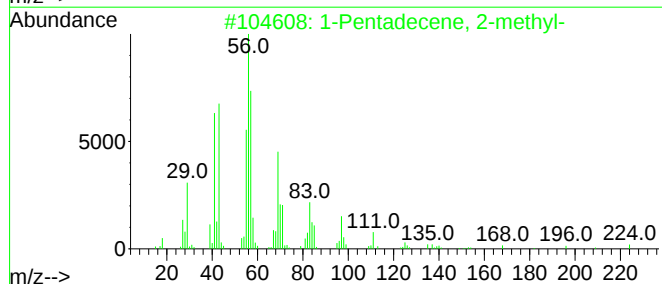
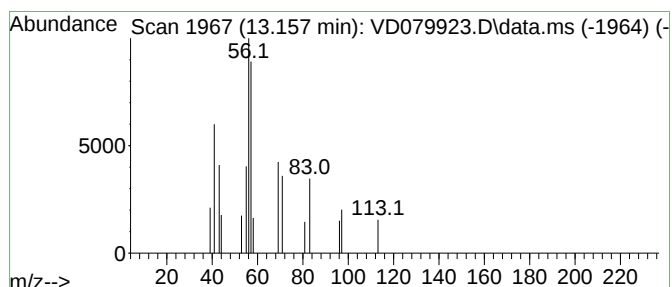
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.157	1.73 ug/L	10059	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	1-Pentadecene, 2-methyl-		224 C16H32	029833-69-0	40
2	Oxalic acid, allyl tridecyl ester		312 C18H32O4	1000309-24-1	25
3	Oxirane, [(dodecyloxy)methyl]-		242 C15H30O2	002461-18-9	23
4	Oxalic acid, allyl pentadecyl ester		340 C20H36O4	1000309-24-3	23
5	Oxalic acid, allyl hexadecyl ester		354 C21H38O4	1000309-24-4	23



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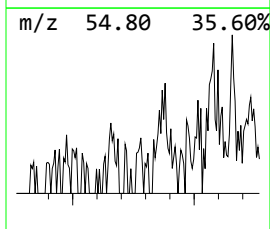
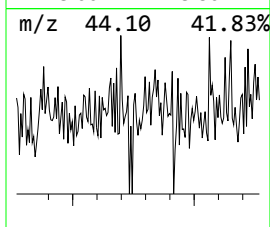
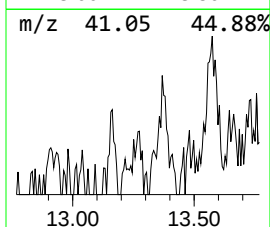
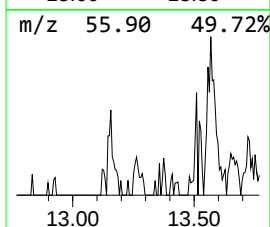
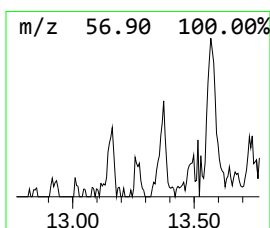
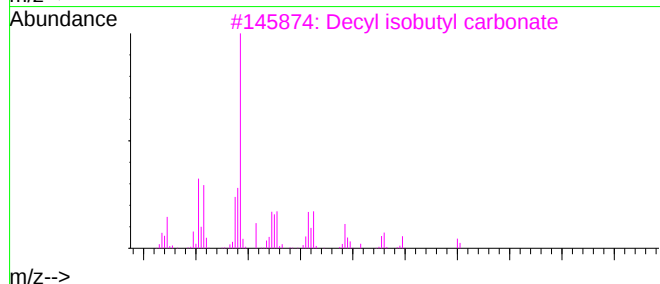
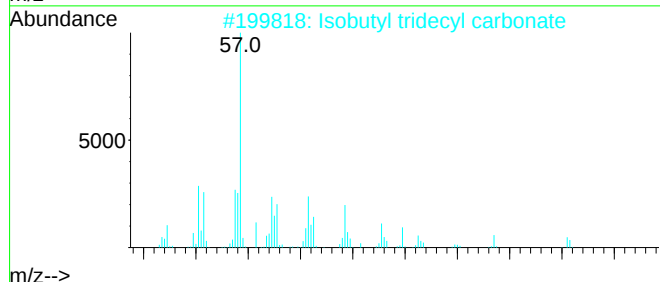
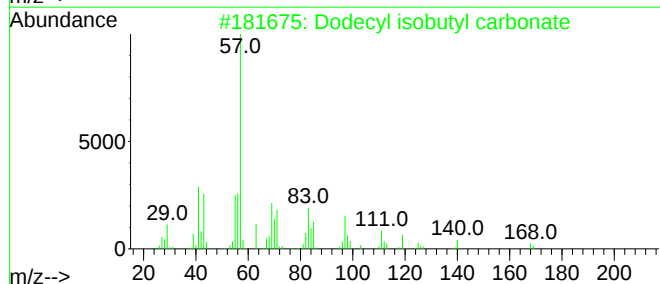
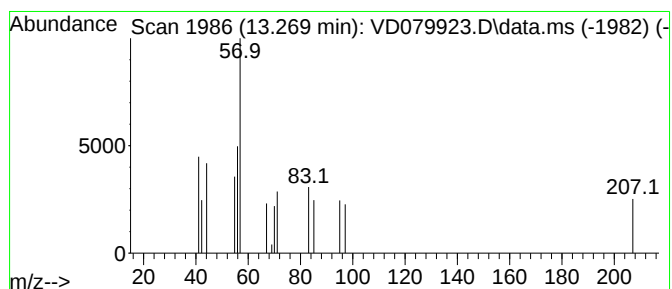
Instrument :
MSVOA_D
ClientSampleId :
A4EJ4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.269	1.34 ug/L	7776	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	43
2	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	43
3	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	25
4	Butyl dodecyl ether	242	C16H34O	1000406-40-3	23
5	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
Data File : VD079923.D
Acq On : 27 Sep 2024 15:34
Operator : RP/MD
Sample : P4162-19RE
Misc : 5.09G/10ml/MSVOA_D/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ4RE

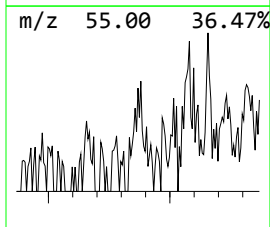
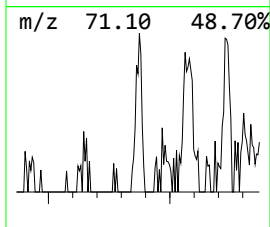
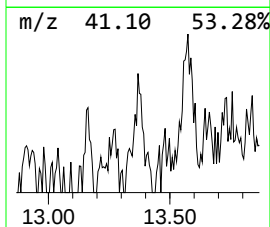
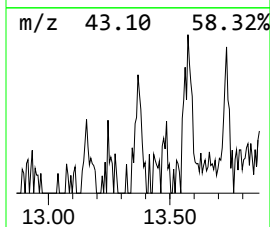
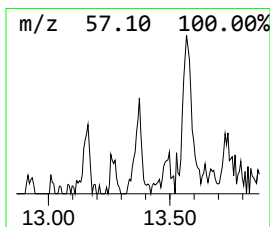
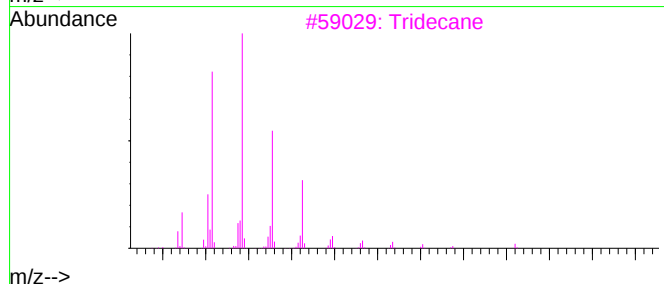
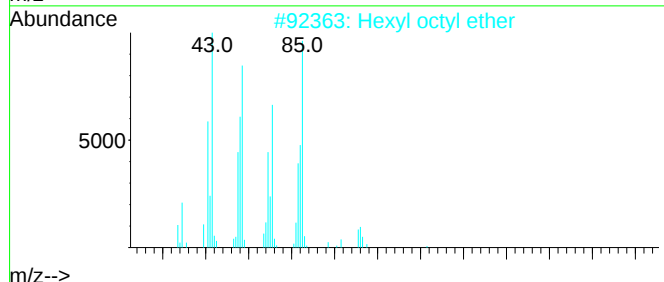
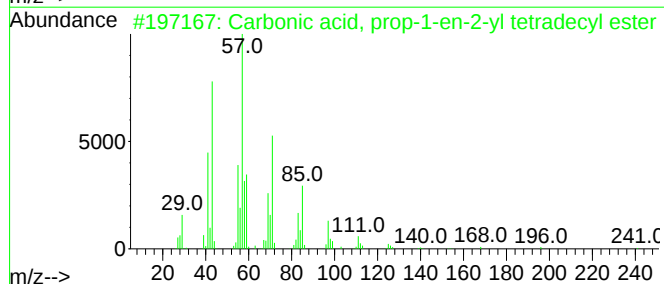
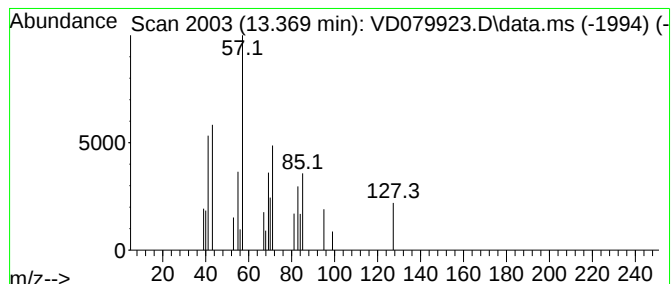
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.369	4.72 ug/L	27406	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	47
2	Hexyl octyl ether	214	C14H30O	017071-54-4	43
3	Tridecane	184	C13H28	000629-50-5	43
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
Data File : VD079923.D
Acq On : 27 Sep 2024 15:34
Operator : RP/MD
Sample : P4162-19RE
Misc : 5.09G/10ml/MSVOA_D/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ4RE

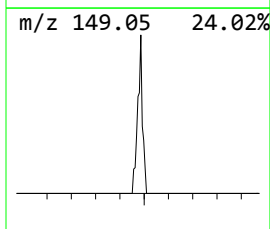
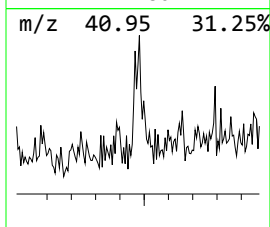
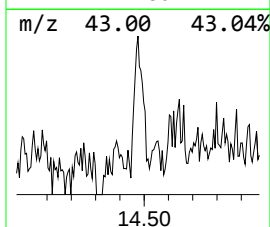
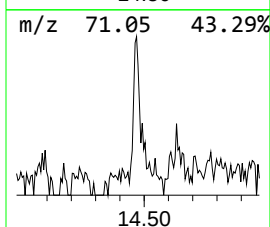
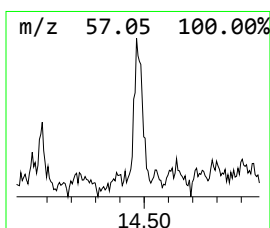
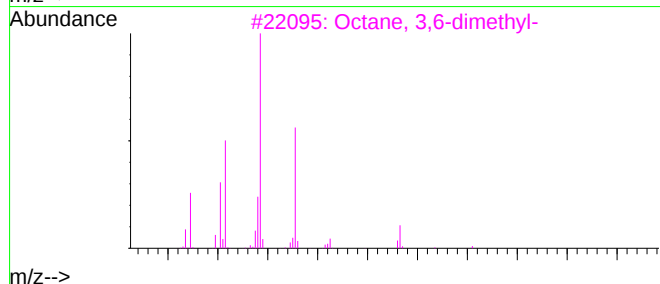
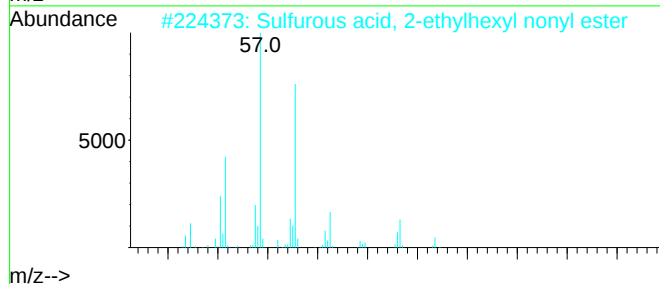
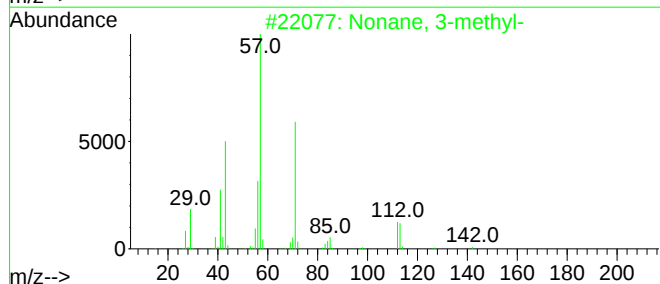
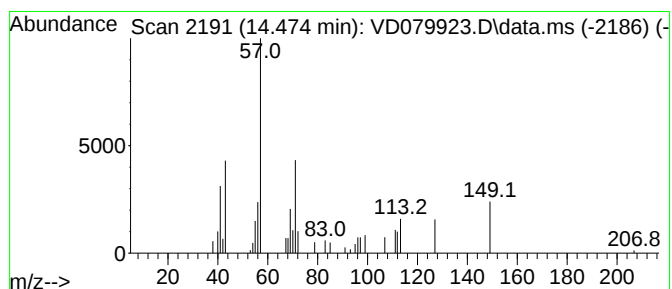
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.475	5.18 ug/L	30076	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	47
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5	Decyl octyl ether	270	C18H38O	1000406-38-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
Data File : VD079923.D
Acq On : 27 Sep 2024 15:34
Operator : RP/MD
Sample : P4162-19RE
Misc : 5.09G/10ml/MSVOA_D/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.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	12.733	2.0	ug/L	11645	3	13.516	145145	25.0
(DEL) Alkane: S...	13.157	1.7	ug/L	10059	3	13.516	145145	25.0
unknown-02	13.269	1.3	ug/L	7776	3	13.516	145145	25.0
unknown-03	13.369	4.7	ug/L	27406	3	13.516	145145	25.0
(DEL) Alkane: S...	14.475	5.2	ug/L	30076	3	13.516	145145	25.0