

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079924.D
 Acq On : 27 Sep 2024 16:02
 Operator : RP/MD
 Sample : P4162-21RE
 Misc : 5.07G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4EJ6RE

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: VD079924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.634	6	8	10	rVB2	729	531	0.03%	0.010%
2	1.687	13	17	19	rBV	3036	4692	0.30%	0.084%
3	1.740	19	26	42	rVV	974530	1550129	100.00%	27.759%
4	2.275	111	117	124	rVB	155768	228015	14.71%	4.083%
5	2.805	200	207	217	rVB	136925	260579	16.81%	4.666%
6	3.311	287	293	299	rBV2	934	2340	0.15%	0.042%
7	3.599	341	342	346	rBV2	893	1058	0.07%	0.019%
8	3.711	357	361	363	rBV2	437	726	0.05%	0.013%
9	3.734	363	365	368	rVV	768	690	0.04%	0.012%
10	3.764	368	370	374	rVV	608	662	0.04%	0.012%
11	3.840	381	383	386	rBV	648	947	0.06%	0.017%
12	3.916	386	396	406	rVV	85645	223131	14.39%	3.996%
13	4.022	408	414	425	rVV2	15070	37165	2.40%	0.666%
14	4.111	427	429	432	rVB	794	673	0.04%	0.012%
15	4.152	434	436	439	rBV	866	840	0.05%	0.015%
16	4.228	447	449	450	rBV	912	689	0.04%	0.012%
17	4.381	473	475	477	rBV	636	485	0.03%	0.009%
18	4.458	486	488	492	rBV2	630	663	0.04%	0.012%
19	4.587	509	510	513	rVB	742	429	0.03%	0.008%
20	4.687	525	527	529	rVB	802	477	0.03%	0.009%
21	4.716	529	532	533	rVB2	579	475	0.03%	0.009%
22	4.805	537	547	555	rBV4	4823	14220	0.92%	0.255%
23	5.005	580	581	583	rVB	1014	447	0.03%	0.008%
24	5.022	583	584	587	rBV	355	413	0.03%	0.007%
25	5.116	598	600	603	rBV2	536	554	0.04%	0.010%
26	5.358	639	641	643	rBV2	562	528	0.03%	0.009%
27	5.469	657	660	663	rBV2	483	638	0.04%	0.011%
28	5.681	690	696	698	rBV4	1066	1714	0.11%	0.031%
29	5.822	719	720	721	rBV	1041	643	0.04%	0.012%
30	5.910	733	735	739	rVB2	714	765	0.05%	0.014%
31	5.940	739	740	743	rBV2	581	509	0.03%	0.009%
32	6.046	756	758	761	rVB	915	821	0.05%	0.015%
33	6.122	769	771	774	rVB	659	715	0.05%	0.013%
34	6.175	777	780	781	rVB	809	631	0.04%	0.011%
35	6.199	781	784	786	rBV	481	644	0.04%	0.012%
36	6.293	797	800	803	rVB2	425	483	0.03%	0.009%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

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Stop Thrs : 0

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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	6.375	812	814	816	rVV	529	505	0.03%	0.009%
38	6.528	838	840	845	rBV2	587	627	0.04%	0.011%
39	6.628	854	857	861	rBV2	512	652	0.04%	0.012%
40	6.699	867	869	873	rVB2	743	762	0.05%	0.014%
41	6.734	873	875	878	rBV	669	675	0.04%	0.012%
42	6.822	888	890	893	rVB	823	668	0.04%	0.012%
43	6.857	893	896	897	rBV	459	412	0.03%	0.007%
44	6.881	898	900	903	rVB	706	489	0.03%	0.009%
45	6.993	909	919	928	rBV	16621	43018	2.78%	0.770%
46	7.569	1006	1017	1029	rBV	117009	300638	19.39%	5.384%
47	7.675	1033	1035	1043	rVB3	965	1492	0.10%	0.027%
48	7.734	1043	1045	1047	rBV2	711	421	0.03%	0.008%
49	7.763	1048	1050	1053	rVB2	737	427	0.03%	0.008%
50	8.016	1090	1093	1095	rBV	885	869	0.06%	0.016%
51	8.057	1098	1100	1102	rBV	865	854	0.06%	0.015%
52	8.204	1113	1125	1140	rBV3	224175	666850	43.02%	11.941%
53	8.446	1164	1166	1168	rVV2	668	587	0.04%	0.011%
54	8.699	1207	1209	1211	rBV2	572	431	0.03%	0.008%
55	8.781	1214	1223	1233	rVV	189127	381448	24.61%	6.831%
56	8.916	1245	1246	1251	rVB2	658	510	0.03%	0.009%
57	9.004	1259	1261	1262	rBV	714	506	0.03%	0.009%
58	9.104	1276	1278	1282	rVB	614	724	0.05%	0.013%
59	9.210	1288	1296	1309	rVB	151436	318008	20.51%	5.695%
60	9.293	1309	1310	1312	rBV2	1024	553	0.04%	0.010%
61	9.351	1318	1320	1323	rVV2	762	621	0.04%	0.011%
62	9.481	1341	1342	1344	rBV	626	445	0.03%	0.008%
63	9.769	1389	1391	1393	rBV2	380	447	0.03%	0.008%
64	9.881	1408	1410	1413	rVB	723	532	0.03%	0.010%
65	9.975	1419	1426	1436	rVB	65791	125749	8.11%	2.252%
66	10.063	1440	1441	1443	rBV	748	515	0.03%	0.009%
67	10.269	1468	1476	1484	rBV	207680	370654	23.91%	6.637%
68	10.328	1484	1486	1488	rBV3	1399	1064	0.07%	0.019%
69	10.416	1499	1501	1504	rBV2	548	660	0.04%	0.012%
70	10.522	1511	1519	1528	rBV2	43086	74960	4.84%	1.342%
71	10.634	1535	1538	1539	rBV	988	598	0.04%	0.011%
72	10.663	1539	1543	1546	rVV	2636	4011	0.26%	0.072%
73	10.751	1556	1558	1560	rBV	734	640	0.04%	0.011%
74	10.775	1560	1562	1564	rBV	570	545	0.04%	0.010%
75	10.875	1573	1579	1587	rBV	58800	103489	6.68%	1.853%
76	11.046	1606	1608	1610	rVV	997	590	0.04%	0.011%

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Instrument :
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 ClientSampleId :
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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	11.098	1615	1617	1618	rVB	1008	495	0.03%	0.009%
78	11.122	1618	1621	1622	rBV	674	465	0.03%	0.008%
79	11.140	1622	1624	1625	rBV2	620	412	0.03%	0.007%
80	11.293	1648	1650	1651	rBV2	1146	620	0.04%	0.011%
81	11.351	1658	1660	1663	rVB2	1236	1234	0.08%	0.022%
82	11.381	1663	1665	1667	rVB	1542	953	0.06%	0.017%
83	11.410	1669	1670	1673	rVB	1351	796	0.05%	0.014%
84	11.434	1673	1674	1677	rBV2	893	927	0.06%	0.017%
85	11.581	1692	1699	1709	rVB	155504	269990	17.42%	4.835%
86	11.793	1732	1735	1736	rVB2	950	973	0.06%	0.017%
87	11.816	1736	1739	1740	rBV2	721	697	0.04%	0.012%
88	12.063	1778	1781	1782	rBV2	1501	1506	0.10%	0.027%
89	12.145	1792	1795	1796	rBV	722	835	0.05%	0.015%
90	12.287	1815	1819	1821	rBV2	1930	2464	0.16%	0.044%
91	12.393	1833	1837	1842	rBV5	4192	9222	0.59%	0.165%
92	12.445	1844	1846	1848	rBV2	1356	1099	0.07%	0.020%
93	12.645	1875	1880	1888	rVV	65327	112750	7.27%	2.019%
94	12.734	1890	1895	1901	rVB4	19830	38506	2.48%	0.690%
95	12.928	1920	1928	1933	rBV8	9013	25290	1.63%	0.453%
96	13.087	1953	1955	1956	rBV2	3142	2468	0.16%	0.044%
97	13.157	1963	1967	1973	rVB5	12058	21059	1.36%	0.377%
98	13.516	2023	2028	2033	rBV	55114	84190	5.43%	1.508%
99	13.816	2074	2079	2085	rVB	59524	103010	6.65%	1.845%
100	15.304	2328	2332	2338	rVB2	93606	157599	10.17%	2.822%

Sum of corrected areas: 5584327

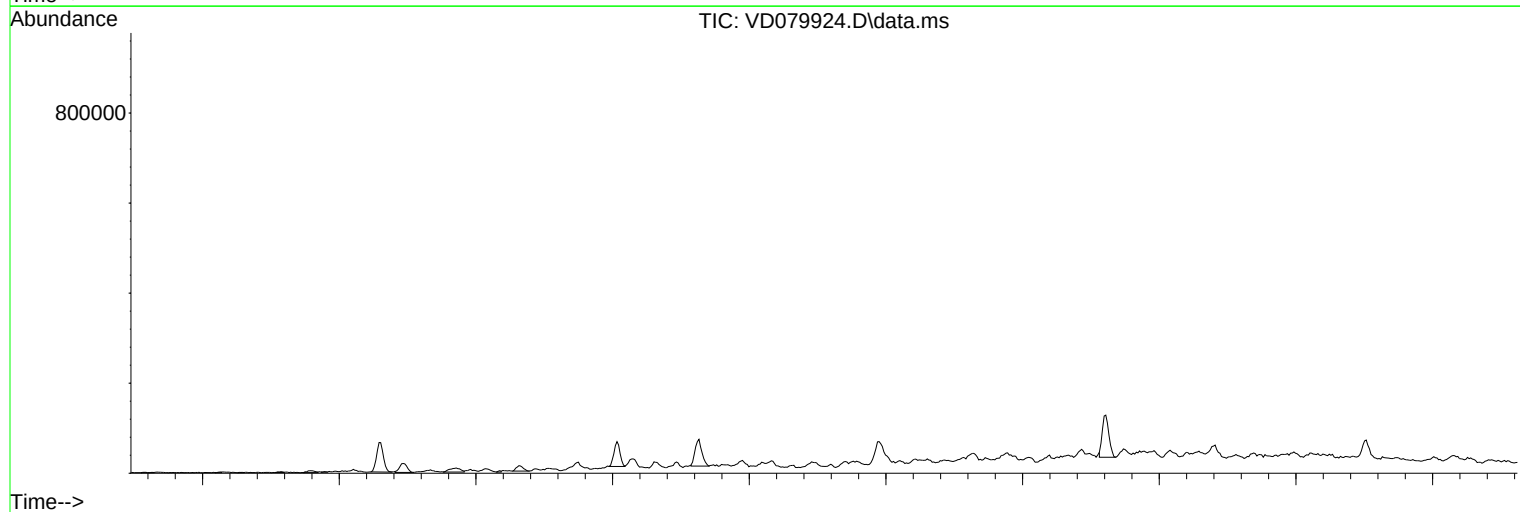
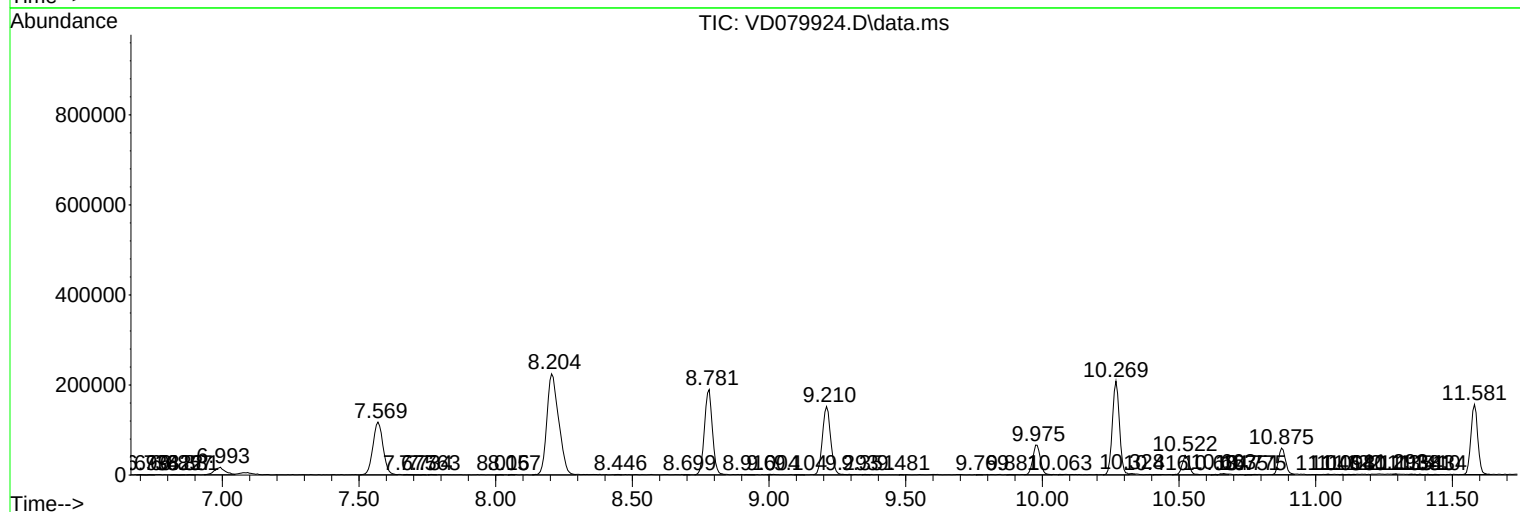
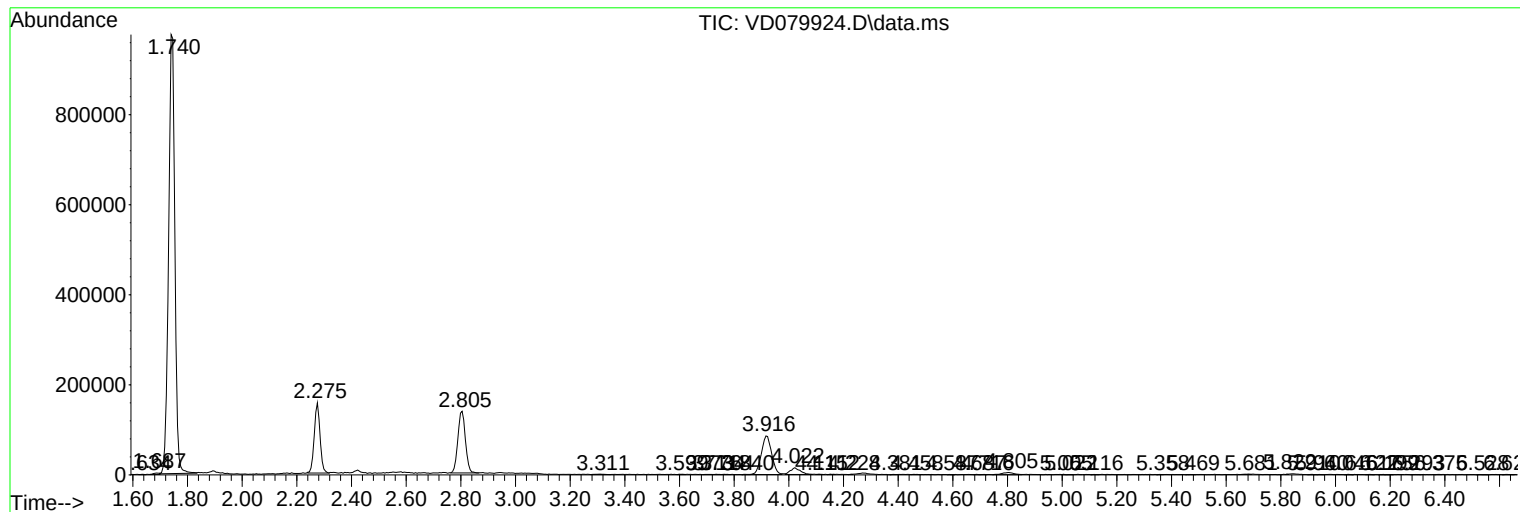
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Sample : P4162-21RE
Misc : 5.07G/10ml/MSVOA_D/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6RE

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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Instrument :
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A4EJ6RE

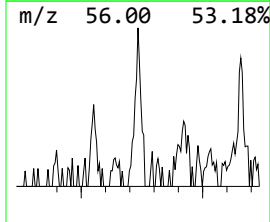
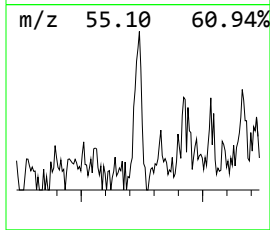
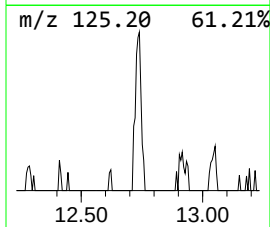
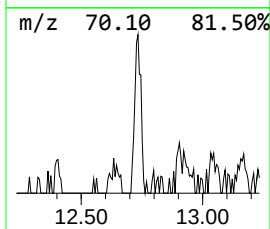
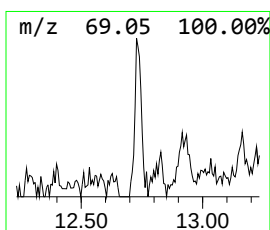
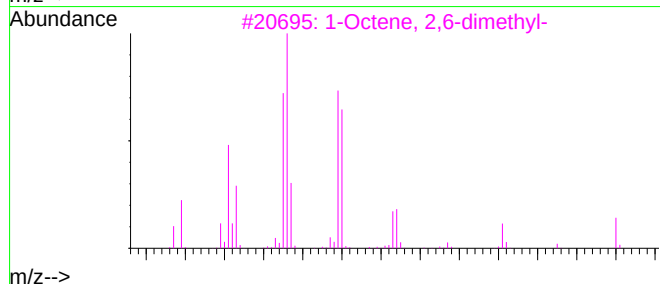
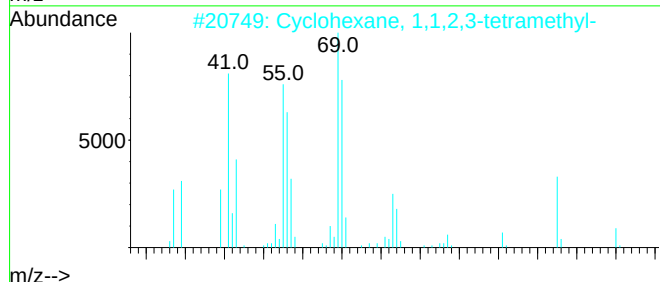
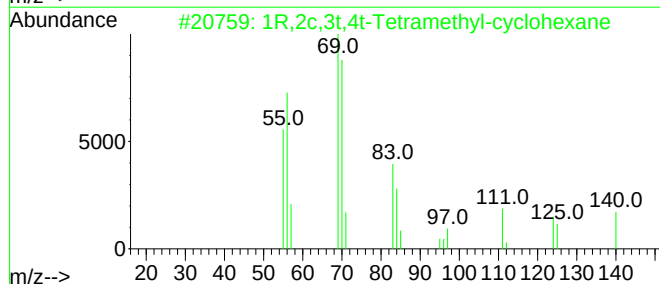
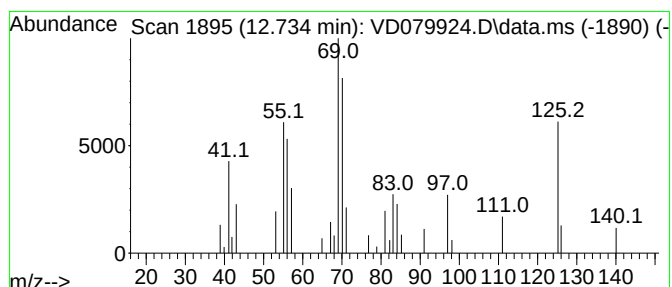
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic12.734 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.734	11.43 ug/L	38506	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	81
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	72
3	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	64
4	Cyclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	58
5	3,7-Dimethyloctyl acetate	200	C12H24O2	020780-49-8	47



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

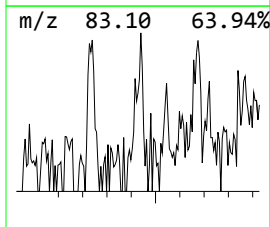
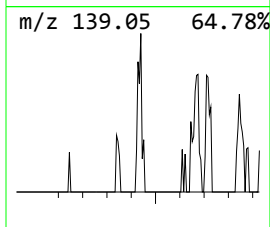
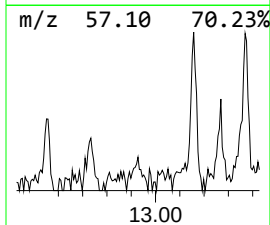
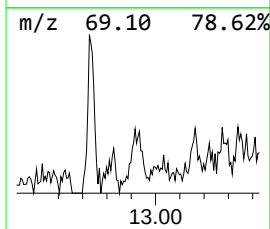
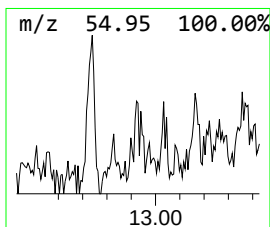
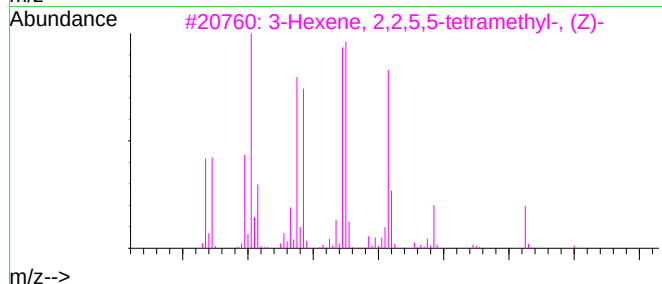
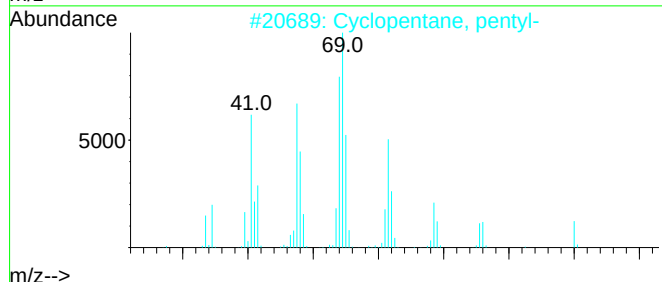
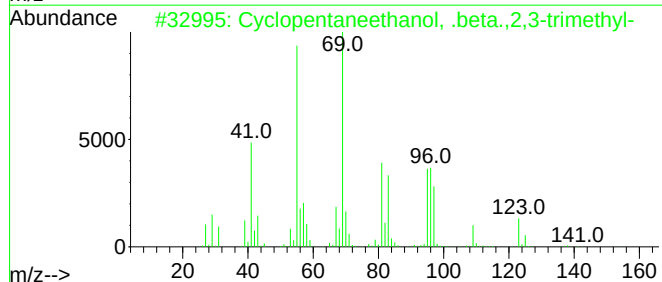
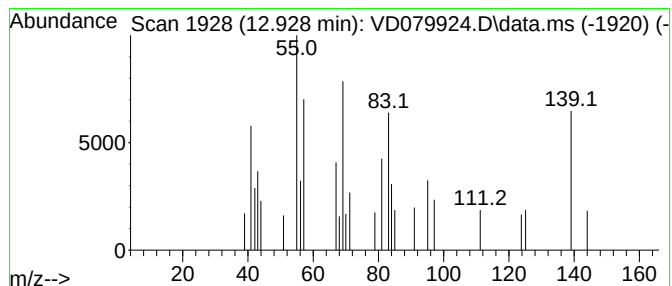
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	7.51 ug/L	25290	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	43
2	Cyclopentane, pentyl-	140	C10H20	003741-00-2	43
3	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	37
4	4,4,4-Trifluorocrotonamide	139	C4H4F3NO	000590-76-1	32
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	32



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Instrument :
MSVOA_D
ClientSampleId :
A4EJ6RE

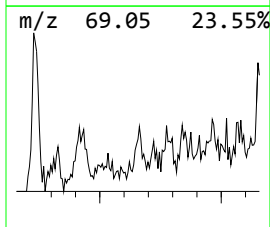
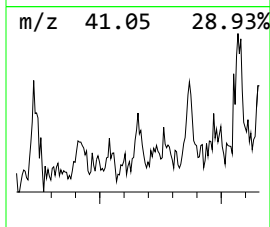
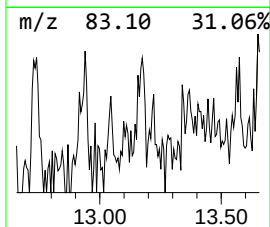
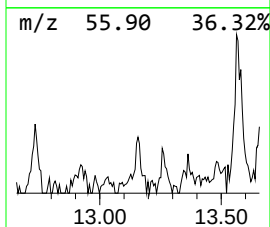
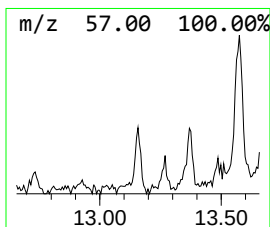
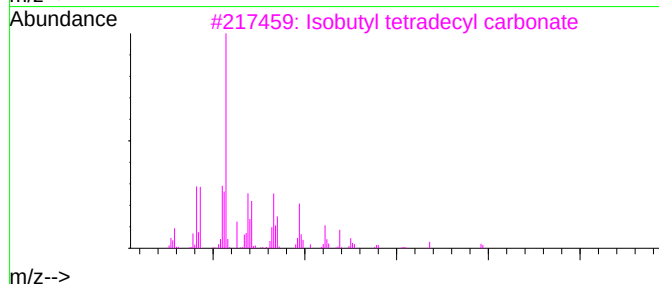
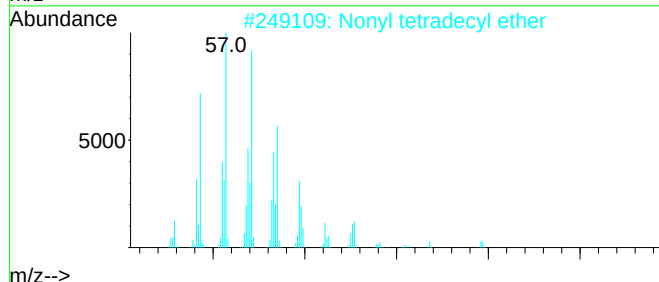
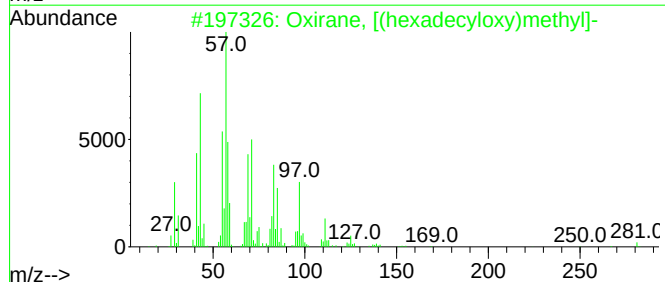
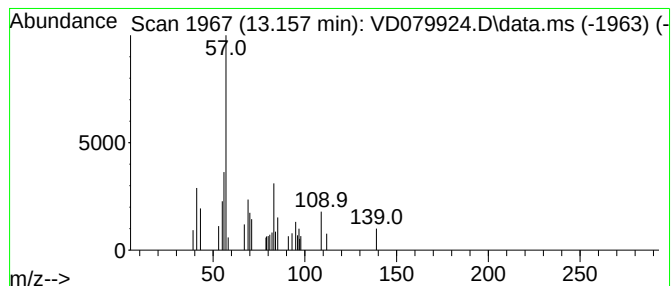
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.157	6.25 ug/L	21059	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	43
2	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	43
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	43
4	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	43
5	Oxirane, 2-[(decyloxy)methyl]-	214	C13H26O2	003497-06-1	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
Data File : VD079924.D
Acq On : 27 Sep 2024 16:02
Operator : RP/MD
Sample : P4162-21RE
Misc : 5.07G/10ml/MSVOA_D/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6RE

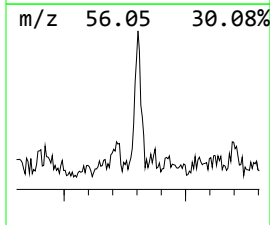
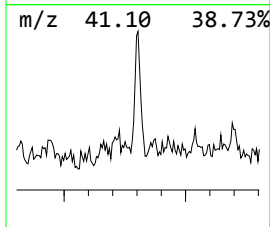
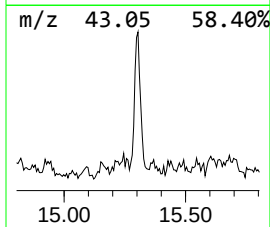
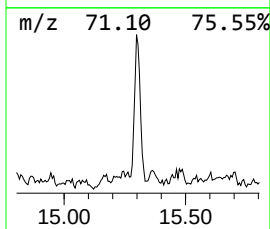
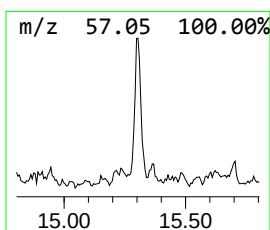
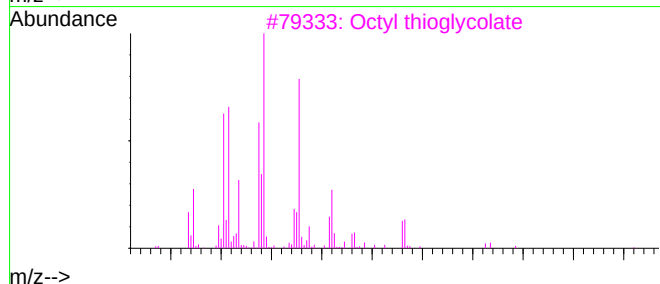
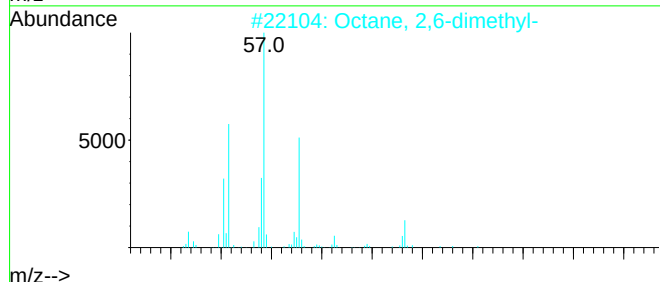
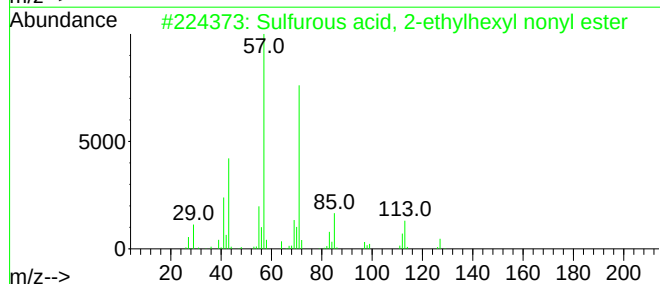
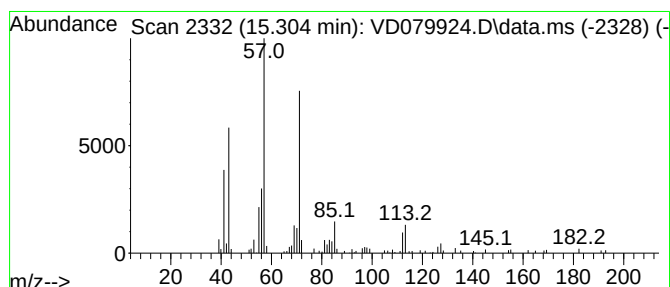
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.304	46.80 ug/L	157599	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Octyl thioglycolate	204	C10H20O2S	007664-80-4	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
Data File : VD079924.D
Acq On : 27 Sep 2024 16:02
Operator : RP/MD
Sample : P4162-21RE
Misc : 5.07G/10ml/MSVOA_D/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EJ6RE

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
(DEL) Alkane: C...	12.734	11.4	ug/L	38506	3	13.516	84190	25.0
unknown-01	12.928	7.5	ug/L	25290	3	13.516	84190	25.0
unknown-02	13.157	6.3	ug/L	21059	3	13.516	84190	25.0
Sulfurous acid,...	15.304	46.8	ug/L	157599	3	13.516	84190	25.0