

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078311.D
 Acq On : 01 Feb 2024 18:04
 Operator : RP/MD
 Sample : P1329-12
 Misc : 5.65G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0FM7

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\SFAMDLM020124SMA.M
 Title : SFAM01.0

Signal : TIC: VD078311.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	14	18	19	rBV	3386	4617	0.71%	0.076%
2	1.740	19	26	33	rVV	234472	397447	60.81%	6.557%
3	2.010	71	72	75	rBV	973	828	0.13%	0.014%
4	2.269	110	116	122	rBV	131676	198149	30.32%	3.269%
5	2.799	200	206	214	rVB	101982	183583	28.09%	3.029%
6	3.175	267	270	272	rBV2	970	1152	0.18%	0.019%
7	3.193	272	273	276	rVB	749	603	0.09%	0.010%
8	3.257	283	284	286	rBV	1045	511	0.08%	0.008%
9	3.322	293	295	296	rBV	740	457	0.07%	0.008%
10	3.375	302	304	306	rBV	1123	1145	0.18%	0.019%
11	3.475	318	321	322	rBV2	951	866	0.13%	0.014%
12	3.646	349	350	352	rBV	725	549	0.08%	0.009%
13	3.740	365	366	368	rBV	694	511	0.08%	0.008%
14	3.910	385	395	406	rVV	82835	215695	33.00%	3.558%
15	4.034	414	416	422	rVB3	1634	1707	0.26%	0.028%
16	4.081	422	424	427	rVB2	849	626	0.10%	0.010%
17	4.116	427	430	432	rBV2	863	777	0.12%	0.013%
18	4.257	452	454	456	rBV	949	1081	0.17%	0.018%
19	4.293	458	460	462	rVB2	769	500	0.08%	0.008%
20	4.428	480	483	484	rBV2	483	480	0.07%	0.008%
21	4.569	503	507	509	rVB2	773	908	0.14%	0.015%
22	4.622	513	516	517	rBV2	745	861	0.13%	0.014%
23	4.646	518	520	522	rVB	871	464	0.07%	0.008%
24	4.799	535	546	557	rBV4	13331	44713	6.84%	0.738%
25	5.198	611	614	616	rVB2	869	885	0.14%	0.015%
26	5.287	627	629	631	rVB2	638	446	0.07%	0.007%
27	5.375	641	644	647	rBV2	600	678	0.10%	0.011%
28	5.410	647	650	651	rBV	697	657	0.10%	0.011%
29	5.534	669	671	672	rBV2	672	538	0.08%	0.009%
30	5.551	672	674	676	rVB	836	608	0.09%	0.010%
31	5.622	684	686	687	rBV	676	507	0.08%	0.008%
32	5.640	687	689	693	rVV	565	662	0.10%	0.011%
33	5.846	716	724	730	rVV3	3214	9322	1.43%	0.154%
34	5.981	745	747	748	rBV2	746	503	0.08%	0.008%
35	6.081	762	764	766	rBV	692	495	0.08%	0.008%
36	6.298	798	801	803	rBV	663	628	0.10%	0.010%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Title : SFAM01.0

37	6.328	803	806	807	rBV2	469	560	0.09%	0.009%
38	6.445	824	826	828	rBV	727	513	0.08%	0.008%
39	6.528	838	840	843	rBV	637	643	0.10%	0.011%
40	6.681	864	866	867	rBV	611	488	0.07%	0.008%
41	6.769	879	881	884	rBV2	651	825	0.13%	0.014%
42	6.822	888	890	891	rVB2	898	463	0.07%	0.008%
43	6.875	897	899	900	rBV	1091	952	0.15%	0.016%
44	6.987	910	918	927	rBV	17630	51366	7.86%	0.847%
45	7.157	945	947	951	rVB3	817	764	0.12%	0.013%
46	7.569	1007	1017	1030	rVV2	106647	283854	43.43%	4.683%
47	7.704	1039	1040	1043	rVB2	873	588	0.09%	0.010%
48	7.734	1043	1045	1046	rBV	532	489	0.07%	0.008%
49	7.845	1060	1064	1067	rBV3	2022	2257	0.35%	0.037%
50	7.869	1067	1068	1070	rVB	1231	687	0.11%	0.011%
51	7.969	1080	1085	1087	rBV2	1344	1437	0.22%	0.024%
52	7.998	1089	1090	1092	rVB	919	459	0.07%	0.008%
53	8.081	1100	1104	1105	rBV2	2198	2160	0.33%	0.036%
54	8.204	1116	1125	1139	rBV2	220913	653610	100.00%	10.783%
55	8.492	1171	1174	1175	rBV	931	1051	0.16%	0.017%
56	8.587	1189	1190	1193	rVB3	1105	784	0.12%	0.013%
57	8.634	1193	1198	1201	rBV3	2391	3109	0.48%	0.051%
58	8.775	1214	1222	1237	rBV	215090	437358	66.91%	7.215%
59	8.951	1249	1252	1255	rBV2	701	1064	0.16%	0.018%
60	8.987	1257	1258	1262	rBV2	797	748	0.11%	0.012%
61	9.057	1266	1270	1272	rBV	918	1320	0.20%	0.022%
62	9.134	1281	1283	1286	rBV	480	607	0.09%	0.010%
63	9.210	1288	1296	1305	rBV2	146845	303629	46.45%	5.009%
64	9.322	1312	1315	1321	rVB5	3078	5908	0.90%	0.097%
65	9.528	1344	1350	1352	rBV4	1789	3142	0.48%	0.052%
66	9.663	1371	1373	1375	rBV2	858	691	0.11%	0.011%
67	9.681	1375	1376	1377	rBV	1460	924	0.14%	0.015%
68	9.910	1410	1415	1417	rBV3	6425	10458	1.60%	0.173%
69	9.975	1421	1426	1433	rVB	76147	136733	20.92%	2.256%
70	10.128	1451	1452	1455	rVB	732	567	0.09%	0.009%
71	10.157	1455	1457	1458	rBV	754	507	0.08%	0.008%
72	10.269	1469	1476	1485	rBV	295997	536207	82.04%	8.846%
73	10.381	1493	1495	1497	rBV2	814	881	0.13%	0.015%
74	10.428	1502	1503	1504	rVV	1580	1039	0.16%	0.017%
75	10.451	1504	1507	1513	rVV5	7014	12329	1.89%	0.203%
76	10.528	1513	1520	1528	rVV	53055	94035	14.39%	1.551%

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Integration Parameters: LSCINT.P

Integrator: RTE

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 Title : SFAM01.0

77	10.598	1530	1532	1534	rBV3	1050	1012	0.15%	0.017%
78	10.657	1537	1542	1550	rVV2	18979	34793	5.32%	0.574%
79	10.798	1562	1566	1571	rVB4	6490	10347	1.58%	0.171%
80	10.881	1573	1580	1590	rBV2	80784	152840	23.38%	2.521%
81	10.998	1594	1600	1602	rBV3	9593	17279	2.64%	0.285%
82	11.181	1625	1631	1636	rBV4	13163	24192	3.70%	0.399%
83	11.292	1645	1650	1654	rBV4	11956	21565	3.30%	0.356%
84	11.363	1654	1662	1674	rVB5	26584	73943	11.31%	1.220%
85	11.469	1674	1680	1688	rBV3	24283	43623	6.67%	0.720%
86	11.581	1691	1699	1708	rBV	327791	552287	84.50%	9.111%
87	11.675	1713	1715	1717	rVB2	1478	1121	0.17%	0.018%
88	11.963	1763	1764	1765	rBV	1491	792	0.12%	0.013%
89	12.098	1780	1787	1792	rBV7	13932	32636	4.99%	0.538%
90	12.210	1803	1806	1811	rVB	15318	22625	3.46%	0.373%
91	12.286	1817	1819	1822	rBV3	8964	12884	1.97%	0.213%
92	12.575	1864	1868	1872	rBV4	18788	27490	4.21%	0.454%
93	12.651	1876	1881	1887	rVV	123312	205684	31.47%	3.393%
94	12.733	1891	1895	1902	rVB6	23164	43226	6.61%	0.713%
95	12.827	1902	1911	1914	rBV7	10193	25141	3.85%	0.415%
96	12.892	1918	1922	1929	rVV6	30642	57381	8.78%	0.947%
97	13.127	1959	1962	1970	rVB5	20866	35204	5.39%	0.581%
98	13.516	2023	2028	2037	rVB	297741	482258	73.78%	7.956%
99	13.816	2073	2079	2089	rBV2	228461	493618	75.52%	8.143%
100	14.698	2226	2229	2234	rVB2	43356	60306	9.23%	0.995%

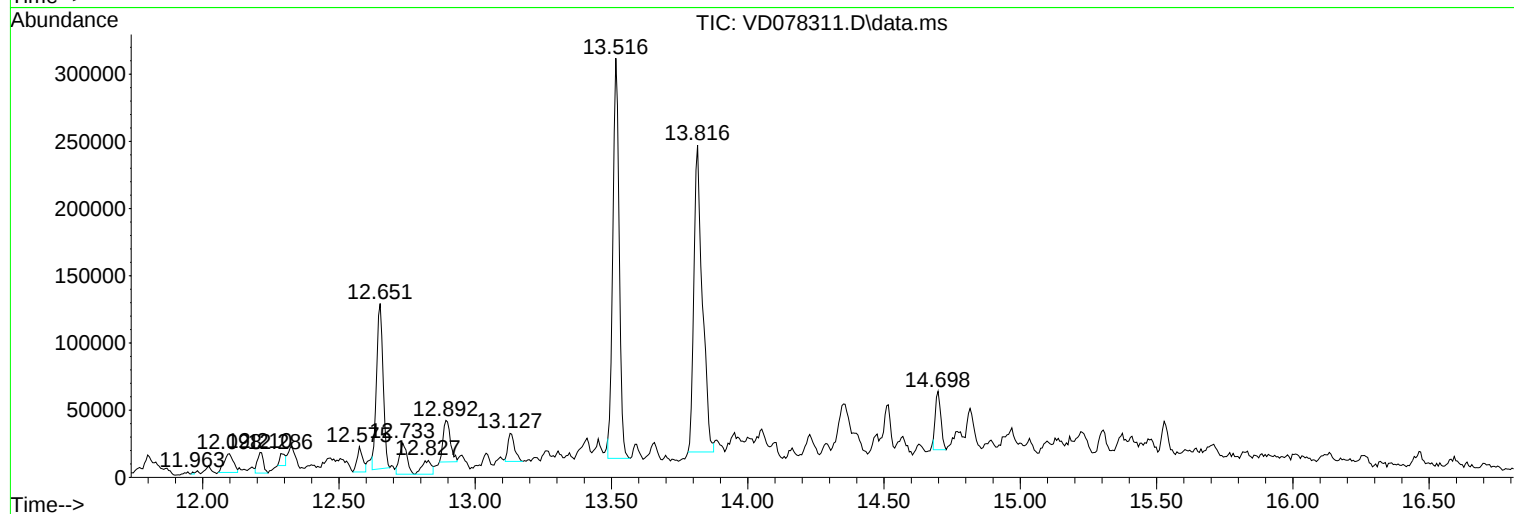
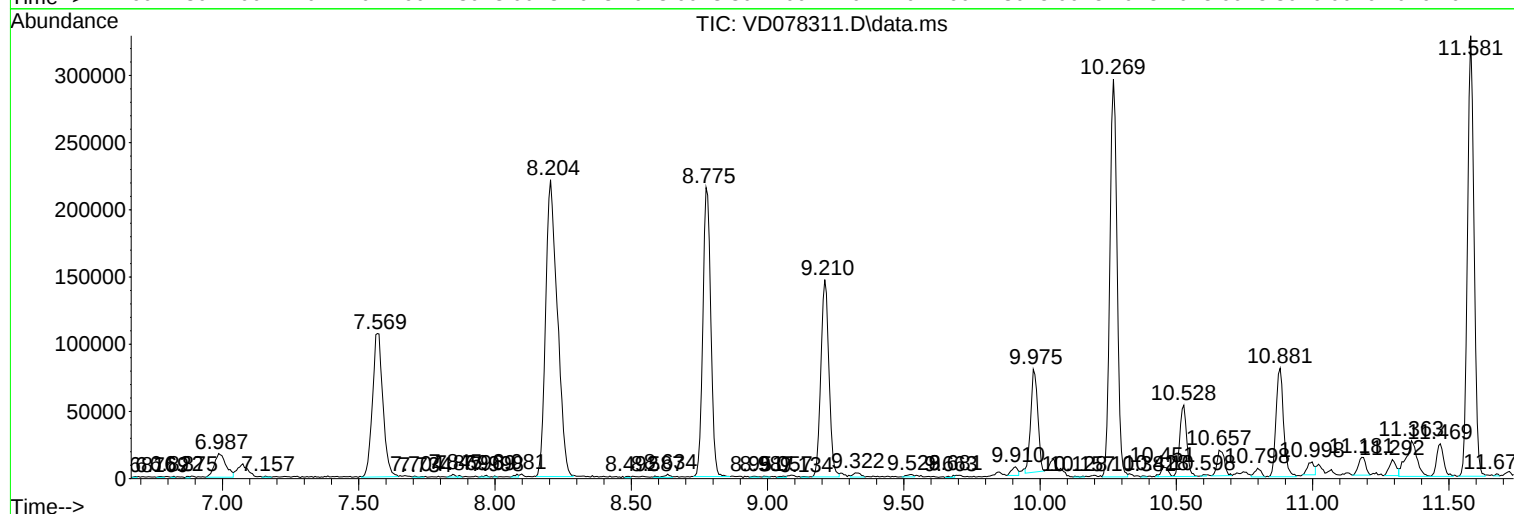
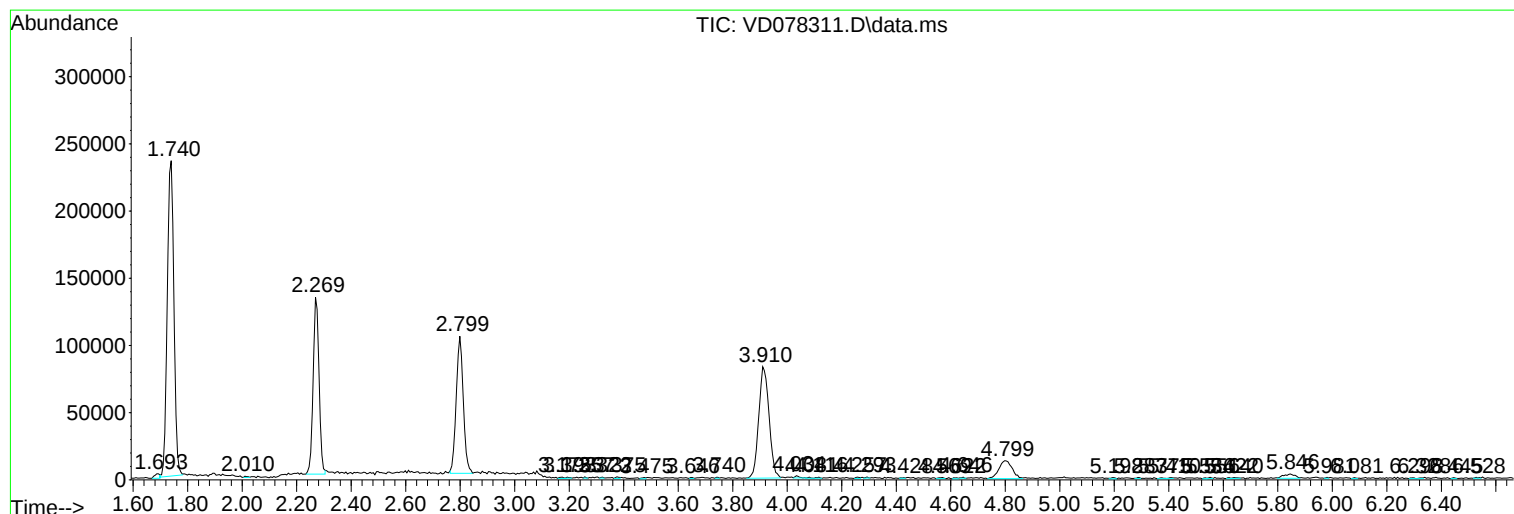
Sum of corrected areas: 6061612

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Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0

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



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
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C0FM7

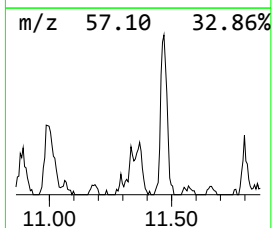
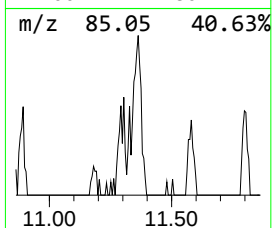
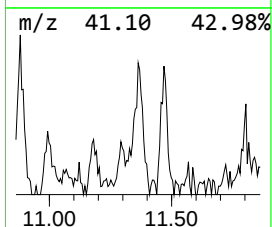
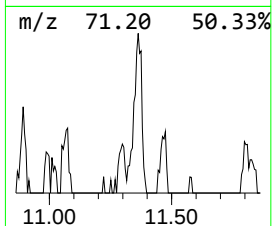
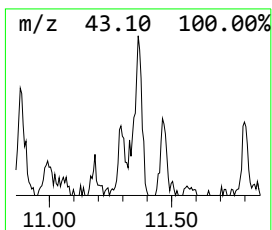
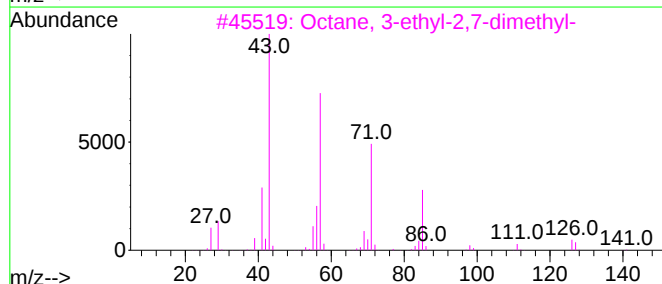
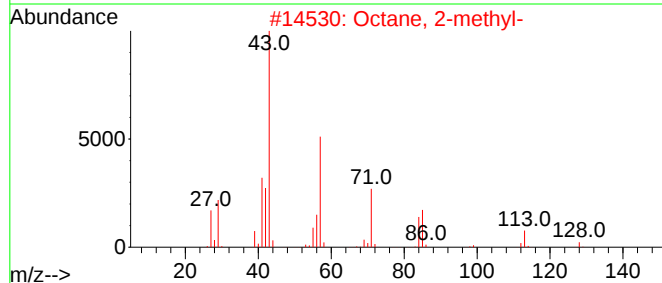
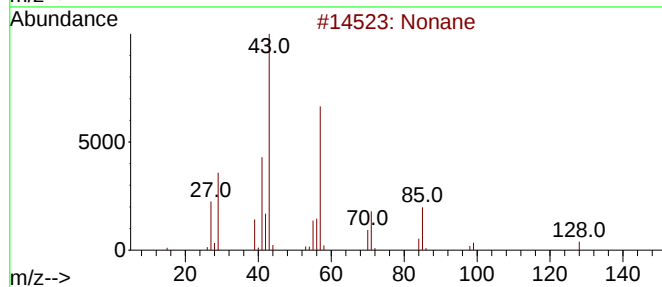
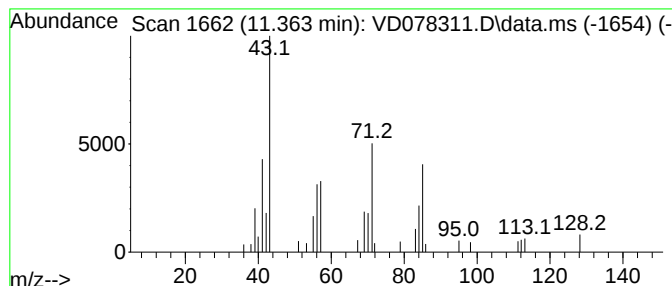
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	3.35 ug/L	73943	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	64
2			Octane, 2-methyl-	128	C9H20	003221-61-2	53
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53
4			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	50
5			Nonane	128	C9H20	000111-84-2	50



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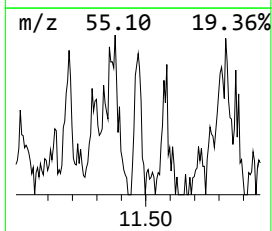
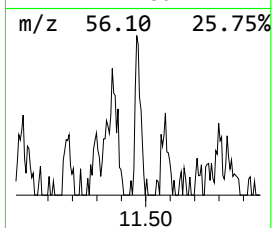
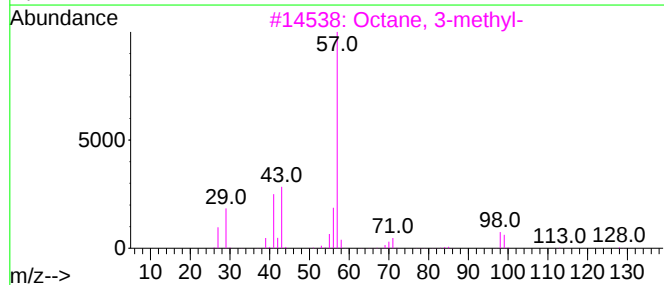
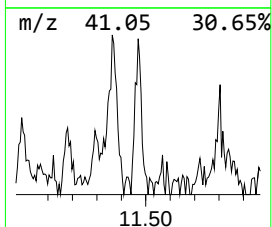
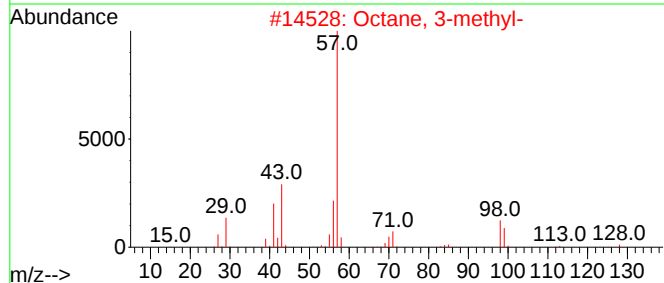
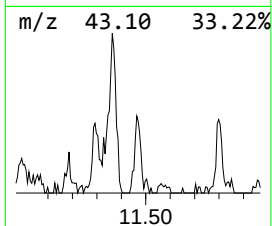
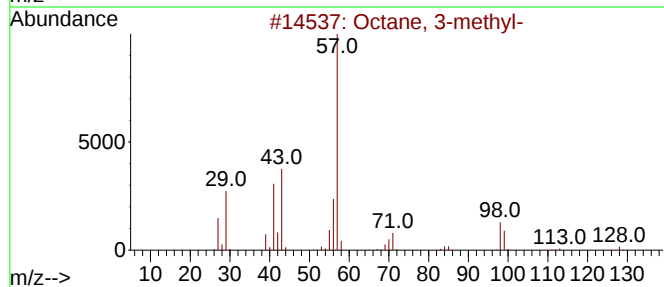
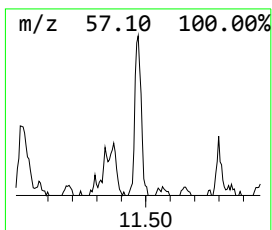
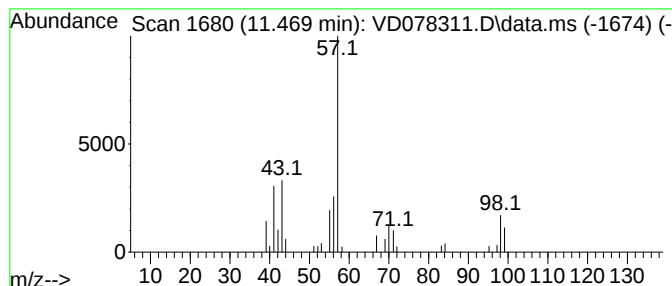
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	1.97 ug/L	43623	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	83
2			Octane, 3-methyl-	128	C9H20	002216-33-3	72
3			Octane, 3-methyl-	128	C9H20	002216-33-3	59
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59



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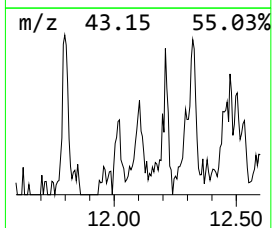
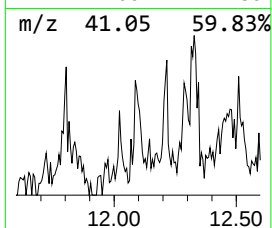
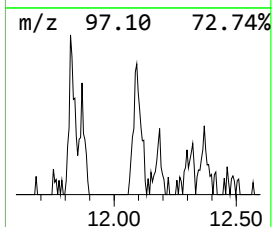
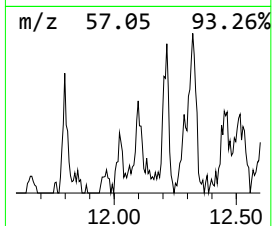
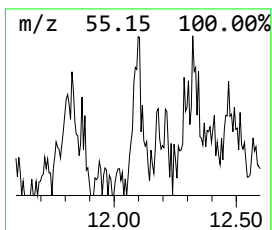
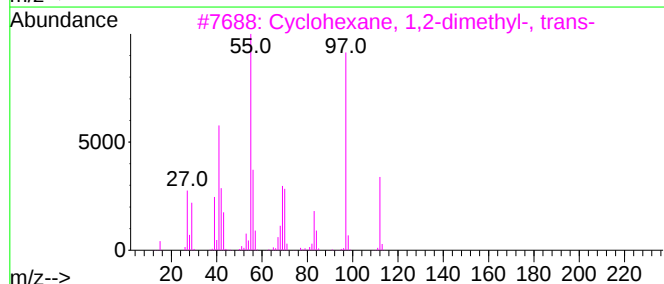
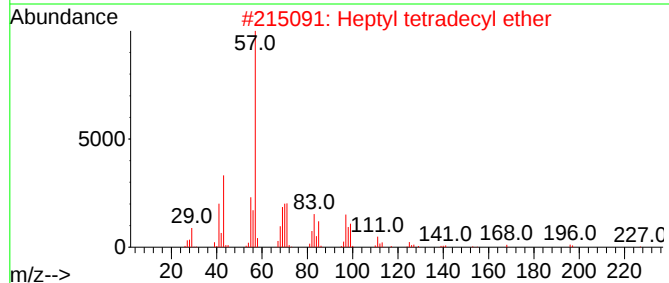
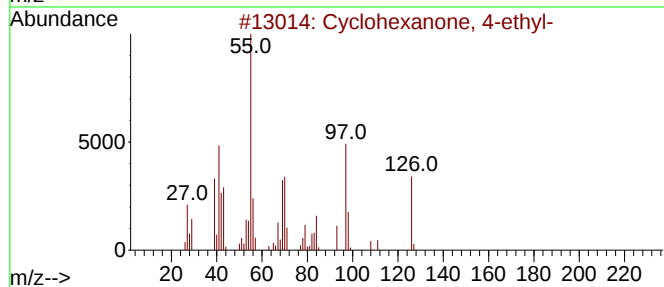
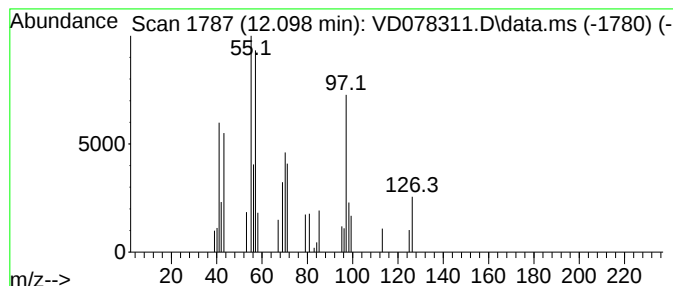
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	1.48 ug/L	32636	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	49
2			Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	38
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
4			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	35
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078311.D
Acq On : 01 Feb 2024 18:04
Operator : RP/MD
Sample : P1329-12
Misc : 5.65G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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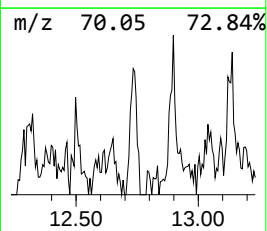
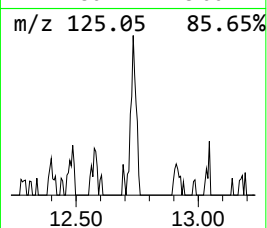
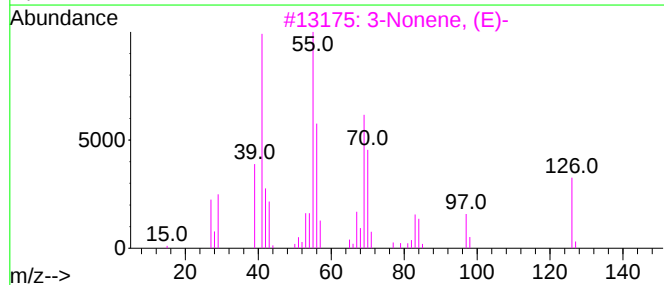
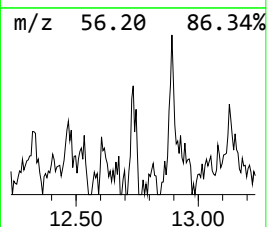
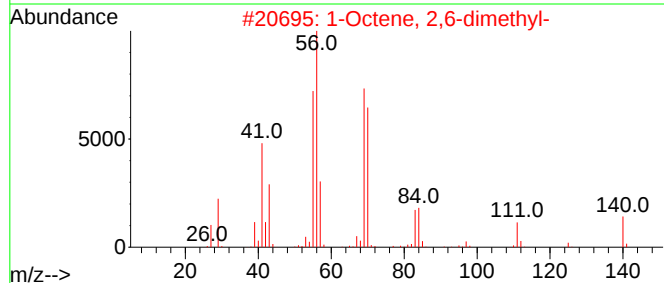
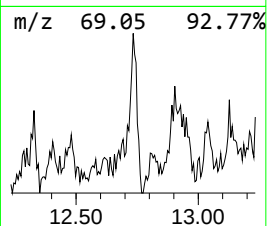
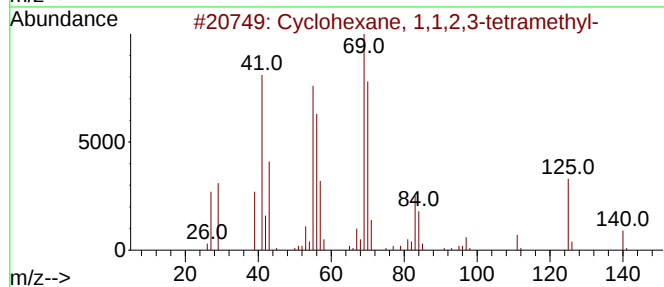
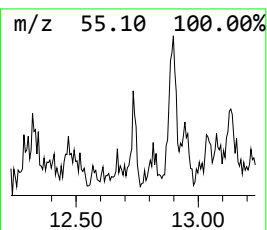
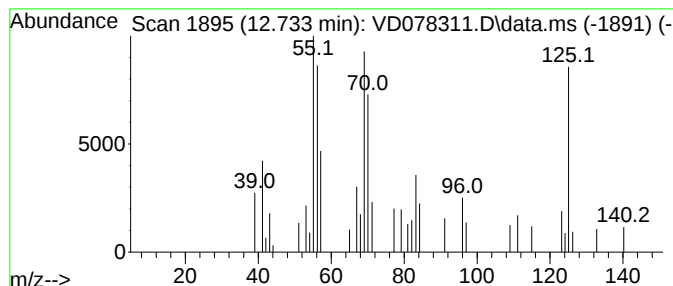
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.733 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.24 ug/L	43226	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
2			1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	50
3			3-Nonene, (E)-	126	C9H18	020063-92-7	49
4			Cyclooctane, methyl-	126	C9H18	001502-38-1	49
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078311.D
Acq On : 01 Feb 2024 18:04
Operator : RP/MD
Sample : P1329-12
Misc : 5.65G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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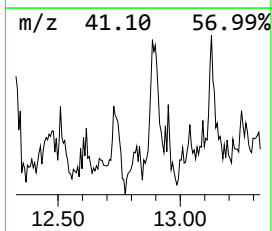
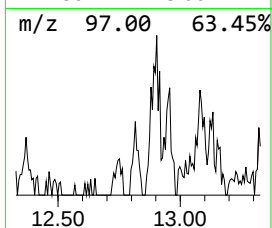
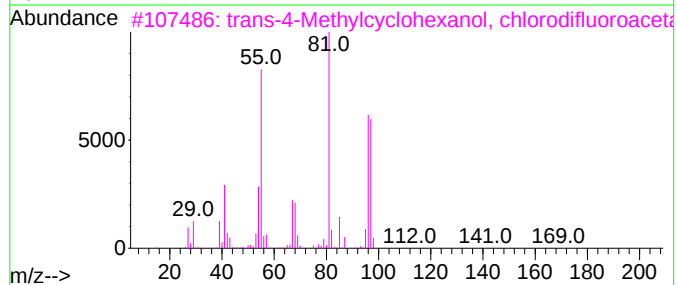
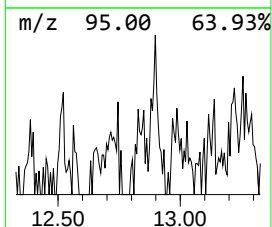
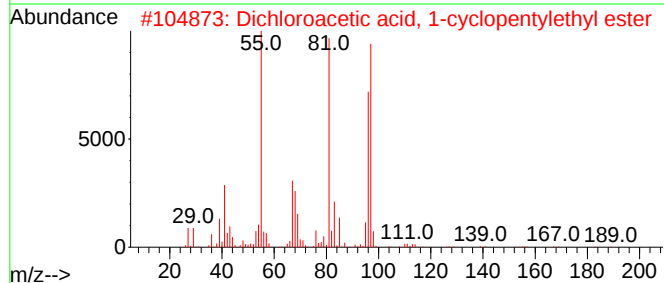
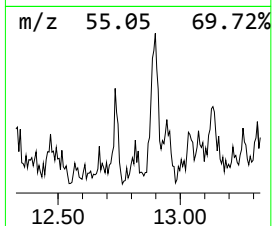
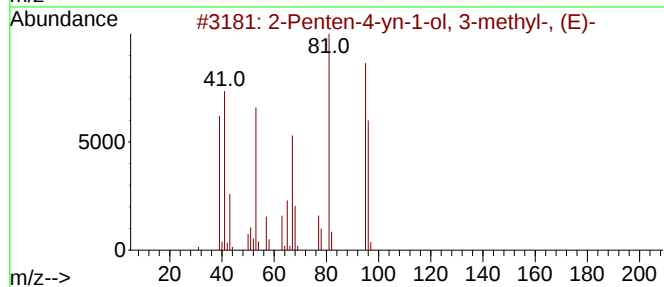
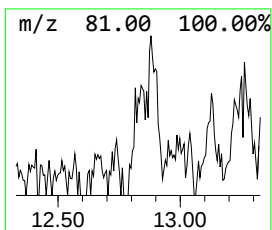
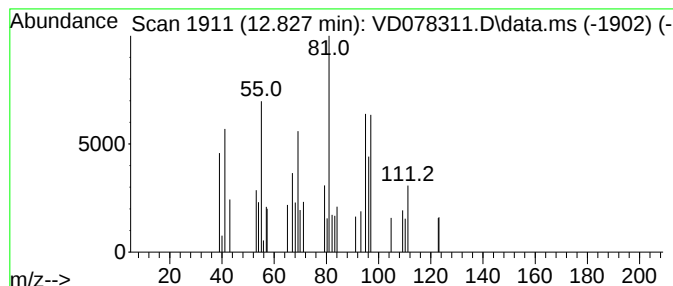
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	1.30 ug/L	25141	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Penten-4-yn-1-ol, 3-methyl-, (E)-	96	C6H8O	006153-06-6	49
2			Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1010282-56-3	43
3			trans-4-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-1	43
4			2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	38
5			2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078311.D
Acq On : 01 Feb 2024 18:04
Operator : RP/MD
Sample : P1329-12
Misc : 5.65G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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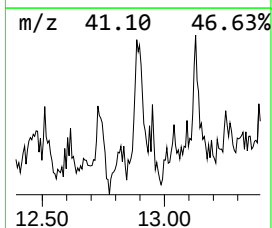
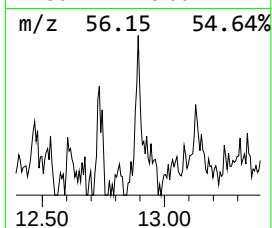
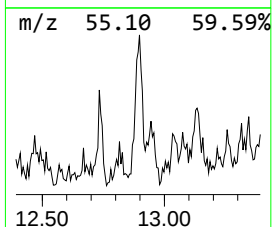
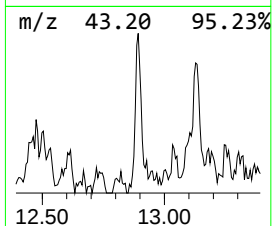
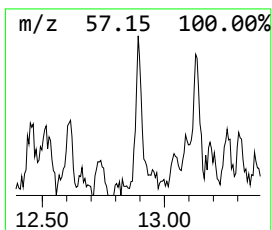
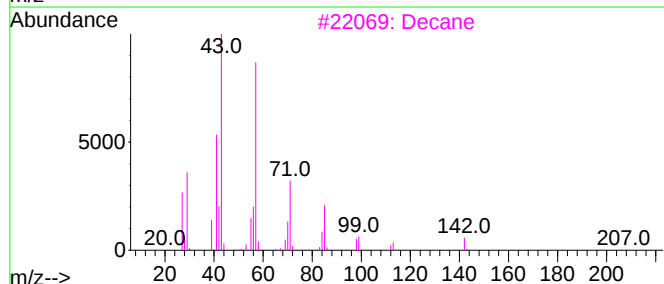
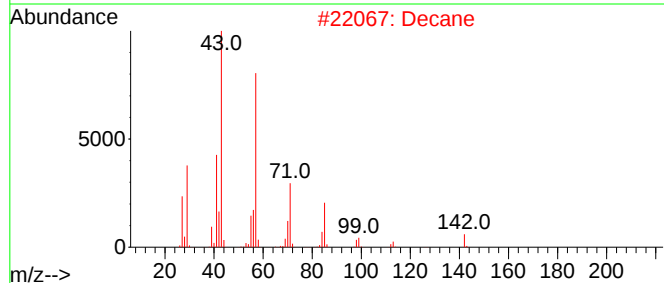
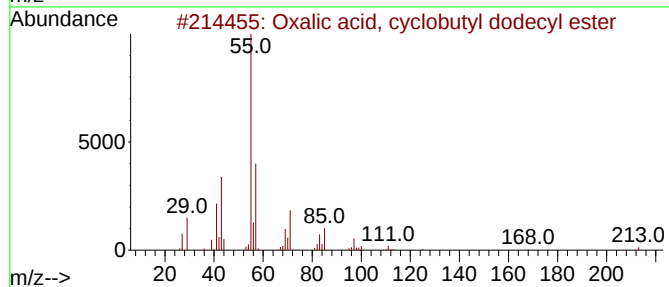
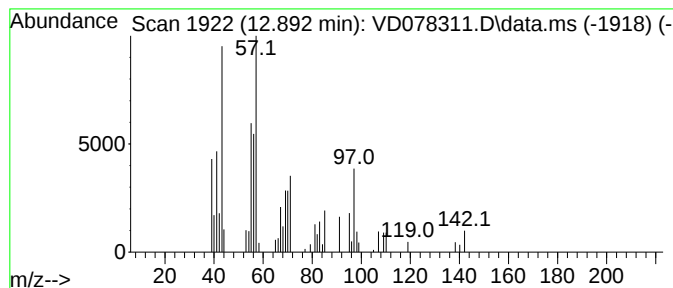
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	2.97 ug/L	57381	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl dodecyl ...	312	C18H32O4	1000309-70-3	27
2			Decane	142	C10H22	000124-18-5	25
3			Decane	142	C10H22	000124-18-5	25
4			Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	22
5			Cyclohexanemethanol, 2-methyl-	128	C8H16O	002105-40-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078311.D
Acq On : 01 Feb 2024 18:04
Operator : RP/MD
Sample : P1329-12
Misc : 5.65G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0FM7

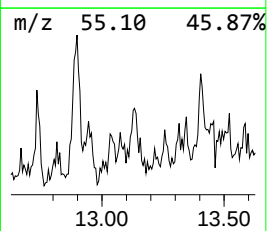
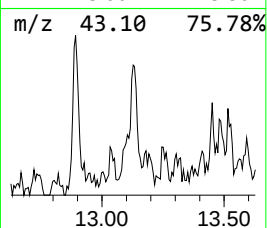
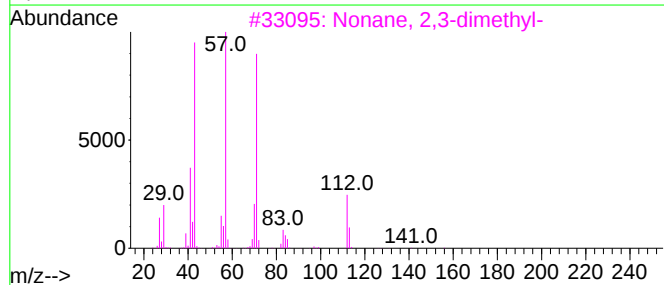
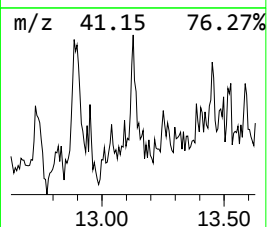
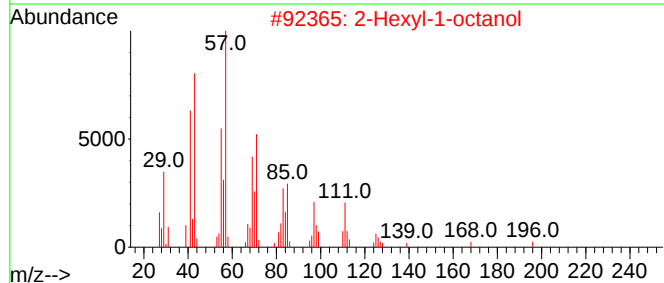
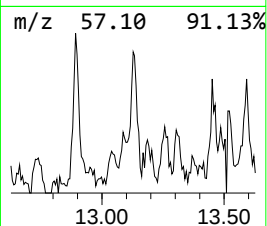
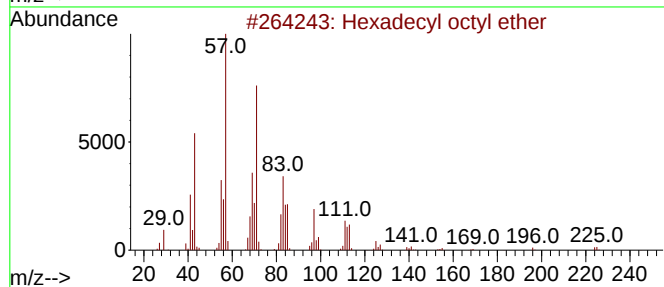
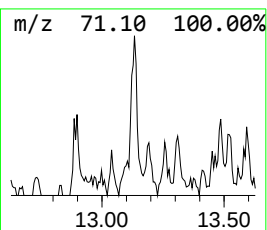
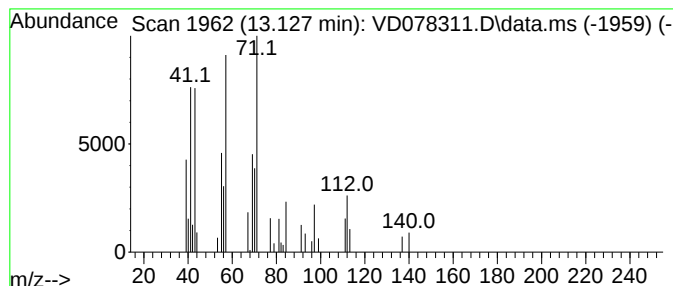
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Quant Title : SFAM01.0

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

Peak Number 11 Hexadecyl octyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	1.82 ug/L	35204	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecyl octyl ether	354	C24H50O	1000406-38-6	64
2			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	47
3			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	47
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
5			Decane, 1-fluoro-	160	C10H21F	000334-56-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078311.D
Acq On : 01 Feb 2024 18:04
Operator : RP/MD
Sample : P1329-12
Misc : 5.65G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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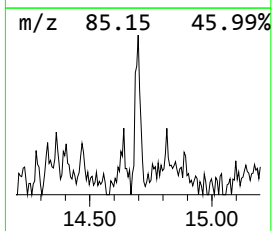
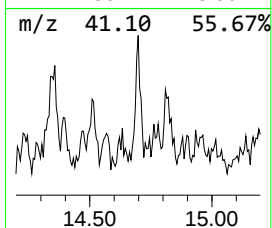
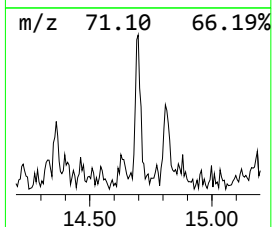
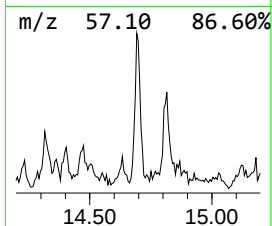
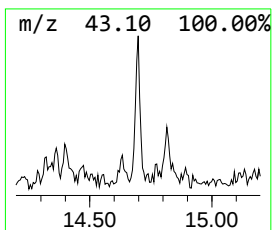
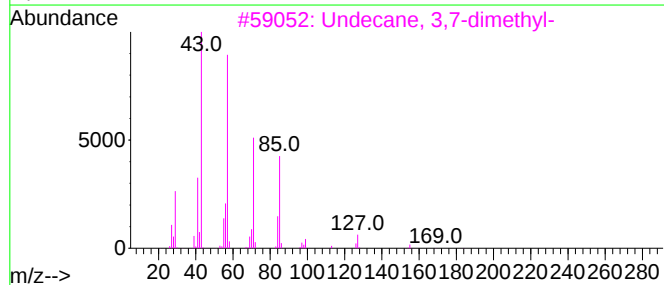
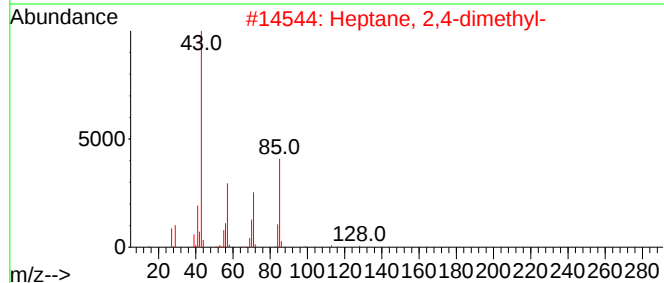
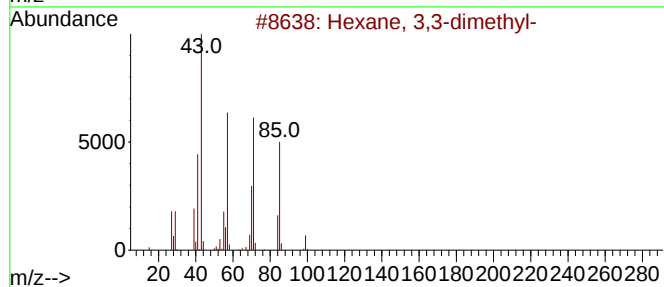
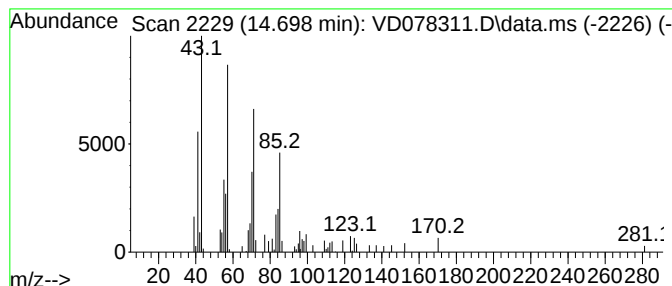
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	3.13 ug/L	60306	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
4		Nonadecane	268	C19H40	000629-92-5	52
5		Nonadecane	268	C19H40	000629-92-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078311.D
Acq On : 01 Feb 2024 18:04
Operator : RP/MD
Sample : P1329-12
Misc : 5.65G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0FM7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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(DEL) Alkane: S...	11.469	2.0	ug/L	43623	2	11.581	552287	25.0
unknown-01	12.098	1.5	ug/L	32636	2	11.581	552287	25.0
(DEL) Alkane: C...	12.733	2.2	ug/L	43226	3	13.516	482258	25.0
unknown-02	12.828	1.3	ug/L	25141	3	13.516	482258	25.0
unknown-03	12.892	3.0	ug/L	57381	3	13.516	482258	25.0
Hexadecyl octyl...	13.128	1.8	ug/L	35204	3	13.516	482258	25.0
(DEL) Alkane: S...	14.698	3.1	ug/L	60306	3	13.516	482258	25.0