

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076658.D
 Acq On : 30 Jun 2023 13:15
 Operator : KP/SY
 Sample : 03472-13
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S5

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\SFAMDLM061523SMA.M
 Title : SFAM01.0

Signal : TIC: VD076658.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	18	26	39	rVV	927742	1652649	64.96%	8.217%
2	1.887	43	51	57	rVV5	8097	13942	0.55%	0.069%
3	2.140	90	94	96	rBV	3069	4495	0.18%	0.022%
4	2.164	96	98	101	rVV	3112	3701	0.15%	0.018%
5	2.275	108	117	124	rBV2	170228	275719	10.84%	1.371%
6	2.358	129	131	132	rBV2	2066	1707	0.07%	0.008%
7	2.375	132	134	135	rVB2	2966	1308	0.05%	0.007%
8	2.564	162	166	169	rBV2	3535	5484	0.22%	0.027%
9	2.728	192	194	196	rVB3	1952	1199	0.05%	0.006%
10	2.799	198	206	216	rBV	111895	216527	8.51%	1.077%
11	2.887	219	221	225	rVB3	2329	2455	0.10%	0.012%
12	2.922	225	227	228	rBV	3560	2311	0.09%	0.011%
13	2.975	234	236	239	rVB2	2225	1814	0.07%	0.009%
14	3.228	273	279	281	rVB2	1320	2277	0.09%	0.011%
15	3.299	288	291	294	rBV3	1097	1629	0.06%	0.008%
16	3.369	301	303	304	rBV2	1076	1081	0.04%	0.005%
17	3.481	319	322	324	rVV2	924	1077	0.04%	0.005%
18	3.528	327	330	331	rVB2	1280	1077	0.04%	0.005%
19	3.552	331	334	335	rBV	1475	1366	0.05%	0.007%
20	3.687	347	357	369	rVB3	31357	88425	3.48%	0.440%
21	3.787	371	374	377	rVB2	780	1070	0.04%	0.005%
22	3.964	385	404	419	rBV3	337939	1358131	53.38%	6.753%
23	4.081	423	424	427	rVB	2435	1845	0.07%	0.009%
24	4.152	434	436	439	rVB2	1721	1592	0.06%	0.008%
25	4.263	448	455	457	rBV3	6406	13062	0.51%	0.065%
26	4.346	467	469	472	rVB3	1530	1139	0.04%	0.006%
27	4.646	518	520	523	rBV	1868	1909	0.08%	0.009%
28	4.799	535	546	556	rBV3	11205	40723	1.60%	0.202%
29	4.875	556	559	561	rVV2	1112	1468	0.06%	0.007%
30	5.263	622	625	626	rBV2	1485	1462	0.06%	0.007%
31	5.305	626	632	639	rBV6	7491	19120	0.75%	0.095%
32	5.416	649	651	653	rVB	1430	1052	0.04%	0.005%
33	5.475	657	661	662	rBV	1007	1096	0.04%	0.005%
34	5.663	690	693	695	rBV2	1142	1435	0.06%	0.007%
35	5.716	699	702	708	rBV	1259	1150	0.05%	0.006%
36	5.816	715	719	722	rBV4	2223	3782	0.15%	0.019%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076658.D
 Acq On : 30 Jun 2023 13:15
 Operator : KP/SY
 Sample : 03472-13
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S5

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\SFAMDLM061523SMA.M
 Title : SFAM01.0

37	5.840	722	723	730	rVV3	3040	4292	0.17%	0.021%
38	6.110	756	769	780	rBV2	58965	185779	7.30%	0.924%
39	6.193	782	783	787	rVV2	1628	1165	0.05%	0.006%
40	6.352	805	810	815	rVB2	959	2142	0.08%	0.011%
41	6.769	877	881	884	rBV2	1095	1197	0.05%	0.006%
42	6.852	891	895	897	rBV2	1225	1349	0.05%	0.007%
43	6.981	909	917	923	rBV2	40456	112866	4.44%	0.561%
44	7.075	923	933	948	rVB	940235	2544086	100.00%	12.649%
45	7.210	954	956	960	rVB3	1576	1632	0.06%	0.008%
46	7.452	994	997	1000	rVB4	2097	2292	0.09%	0.011%
47	7.563	1002	1016	1032	rBV	188148	496284	19.51%	2.468%
48	7.793	1044	1055	1066	rBV	532802	1374624	54.03%	6.835%
49	8.093	1103	1106	1109	rVB5	1585	1930	0.08%	0.010%
50	8.204	1114	1125	1138	rVV3	330865	1042364	40.97%	5.183%
51	8.328	1140	1146	1150	rVV2	11861	25702	1.01%	0.128%
52	8.410	1154	1160	1169	rVB2	29468	69109	2.72%	0.344%
53	8.499	1174	1175	1178	rVB2	1483	1344	0.05%	0.007%
54	8.569	1184	1187	1189	rBV3	1634	1419	0.06%	0.007%
55	8.616	1192	1195	1196	rBV2	2762	1876	0.07%	0.009%
56	8.663	1202	1203	1206	rBV2	1504	1045	0.04%	0.005%
57	8.775	1213	1222	1234	rBV	447856	913787	35.92%	4.543%
58	8.875	1238	1239	1241	rBV2	1370	1037	0.04%	0.005%
59	8.946	1249	1251	1253	rVB4	2462	2458	0.10%	0.012%
60	9.028	1255	1265	1273	rVV	105035	219588	8.63%	1.092%
61	9.210	1287	1296	1313	rBV	259054	559812	22.00%	2.783%
62	9.322	1313	1315	1318	rBV3	3344	3287	0.13%	0.016%
63	9.469	1338	1340	1341	rBV	1863	1240	0.05%	0.006%
64	9.510	1344	1347	1348	rBV3	4565	3742	0.15%	0.019%
65	9.698	1374	1379	1383	rBV6	5465	9330	0.37%	0.046%
66	9.793	1393	1395	1396	rBV2	3048	2303	0.09%	0.011%
67	9.834	1399	1402	1407	rVV5	3593	6800	0.27%	0.034%
68	9.981	1420	1427	1435	rBV	135444	263834	10.37%	1.312%
69	10.146	1454	1455	1457	rBV2	3535	3581	0.14%	0.018%
70	10.269	1468	1476	1491	rBV	470468	862904	33.92%	4.290%
71	10.398	1497	1498	1499	rBV	2365	1270	0.05%	0.006%
72	10.528	1514	1520	1525	rBV	88791	162442	6.39%	0.808%
73	10.710	1547	1551	1555	rBV6	7810	14284	0.56%	0.071%
74	10.810	1560	1568	1574	rVV	1236926	2129021	83.69%	10.586%
75	10.875	1574	1579	1586	rVB	156056	271030	10.65%	1.348%
76	10.969	1593	1595	1598	rBV4	5014	3305	0.13%	0.016%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076658.D
 Acq On : 30 Jun 2023 13:15
 Operator : KP/SY
 Sample : 03472-13
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S5

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\SFAMDLM061523SMA.M
 Title : SFAM01.0

77	11.063	1606	1611	1617	rBV3	38433	64931	2.55%	0.323%
78	11.181	1625	1631	1636	rBV2	68495	123071	4.84%	0.612%
79	11.387	1661	1666	1677	rVB2	72371	158802	6.24%	0.790%
80	11.581	1692	1699	1709	rBV	574180	1013939	39.85%	5.041%
81	11.722	1718	1723	1727	rBV3	34759	50767	2.00%	0.252%
82	11.769	1728	1731	1736	rVV5	21607	30890	1.21%	0.154%
83	12.092	1780	1786	1794	rBV6	68347	163481	6.43%	0.813%
84	12.575	1864	1868	1873	rVB7	26879	45139	1.77%	0.224%
85	12.651	1874	1881	1889	rBV	225354	440493	17.31%	2.190%
86	12.734	1891	1895	1902	rVB2	108844	190992	7.51%	0.950%
87	12.828	1905	1911	1914	rBV7	30524	70869	2.79%	0.352%
88	13.081	1951	1954	1958	rBV	17925	24102	0.95%	0.120%
89	13.516	2022	2028	2037	rVB	504749	822704	32.34%	4.091%
90	13.828	2073	2081	2092	rVB2	855873	1782350	70.06%	8.862%
91	15.098	2292	2297	2304	rVV5	23889	40019	1.57%	0.199%
92	15.151	2304	2306	2309	rVB4	5991	4592	0.18%	0.023%
93	15.481	2358	2362	2369	rVB2	14556	26431	1.04%	0.131%
94	15.598	2380	2382	2385	rBV3	4280	3404	0.13%	0.017%
95	16.028	2454	2455	2456	rBV	4256	2195	0.09%	0.011%
96	16.251	2492	2493	2495	rBV2	3204	2538	0.10%	0.013%
97	16.363	2510	2512	2514	rVB3	3362	1608	0.06%	0.008%
98	16.486	2531	2533	2535	rBV3	3074	2837	0.11%	0.014%
99	16.580	2547	2549	2553	rBV4	4769	4473	0.18%	0.022%
100	16.698	2566	2569	2571	rBV4	2925	4071	0.16%	0.020%

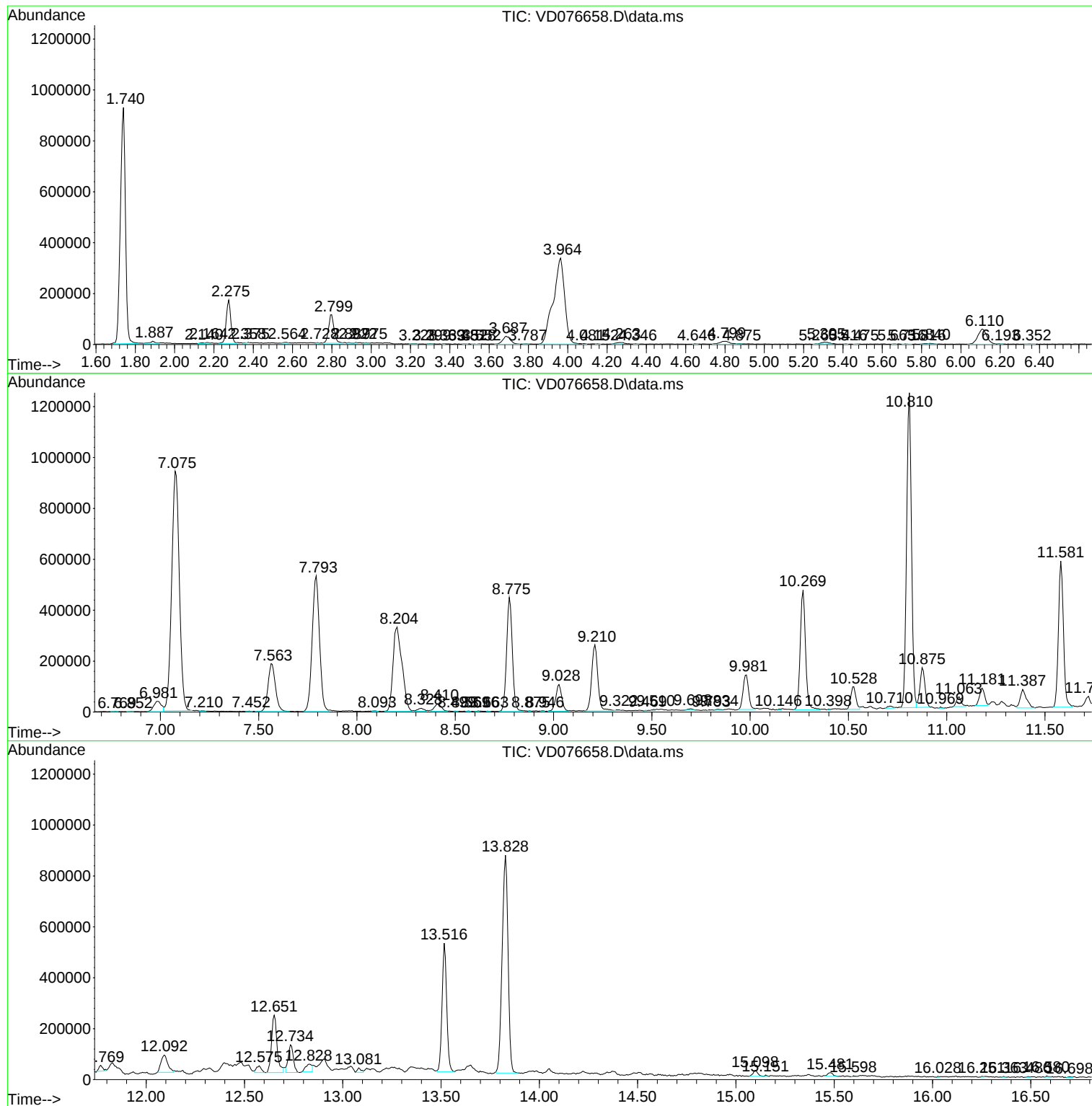
Sum of corrected areas: 20112529

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

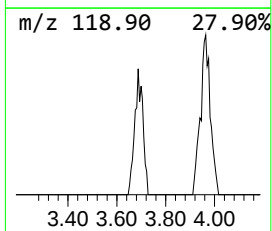
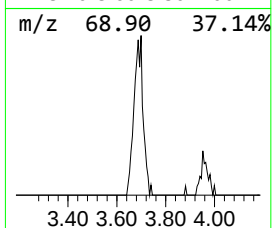
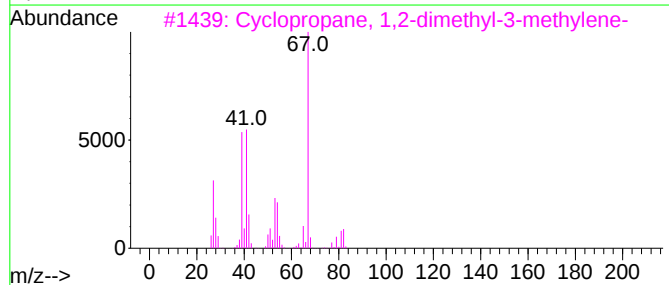
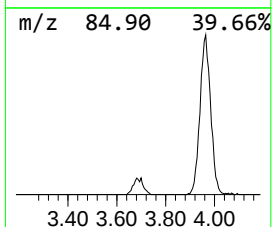
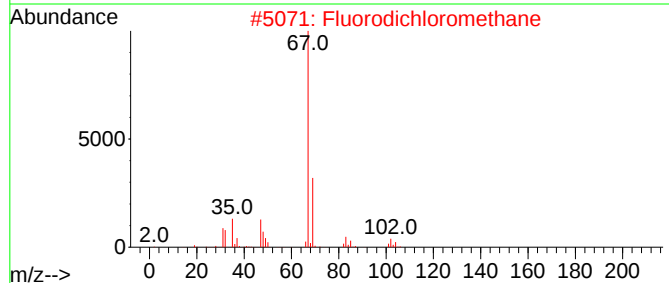
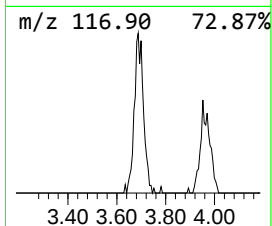
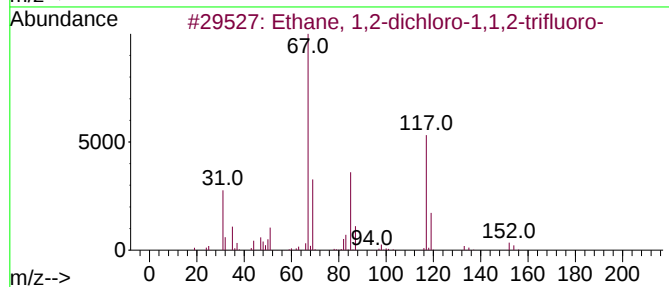
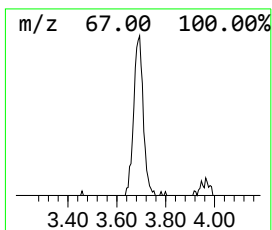
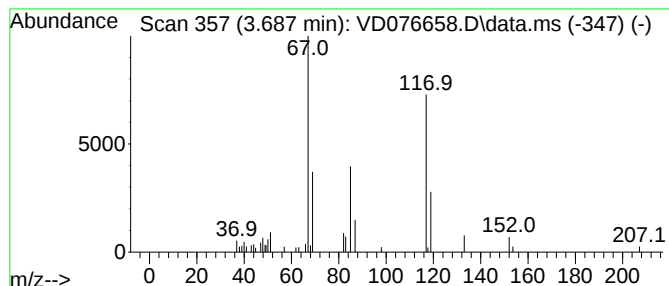
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	2.42 ug/L	88425	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	86
2			Fluorodichloromethane	102	CHCl2F	000075-43-4	16
3			Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	9
4			Benzene, (3-chloro-1-propenyl)-	152	C9H9Cl	002687-12-9	9
5			Phosphorochloridic acid, heptyl ...	284	C12H26ClO3P	1010309-09-0	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

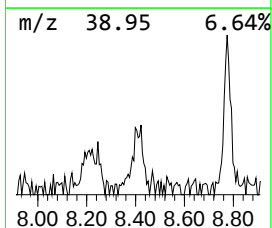
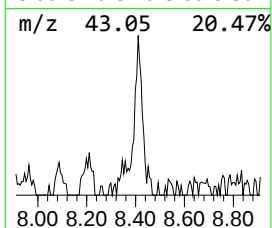
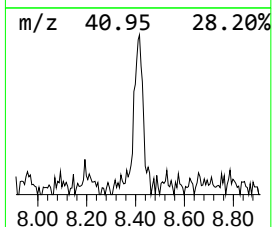
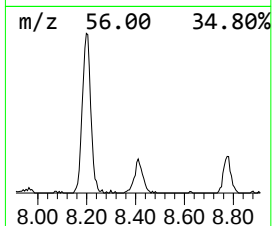
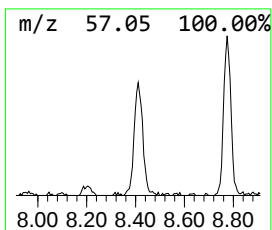
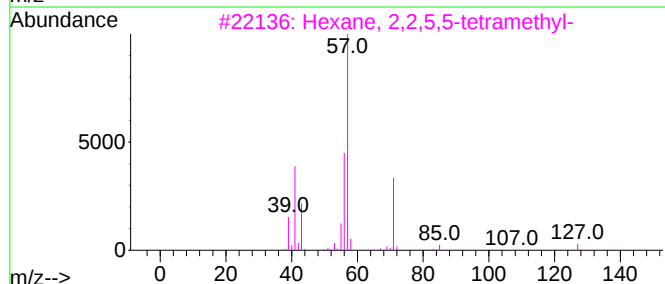
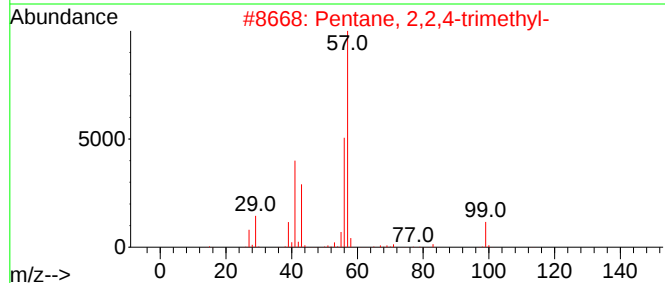
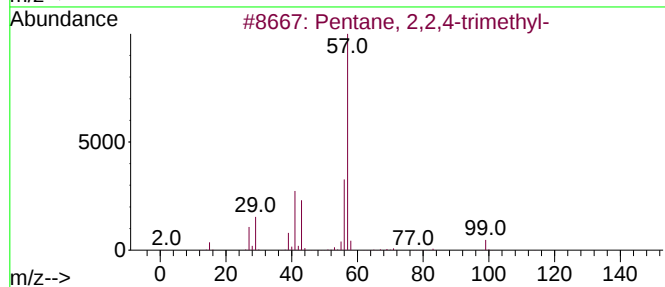
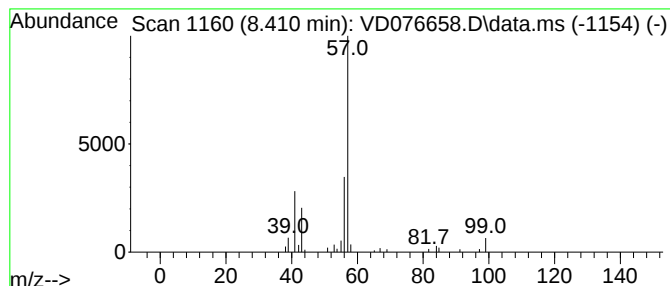
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.410	1.89 ug/L	69109	1,4-Difluorobenzene	8.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
4			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
5			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

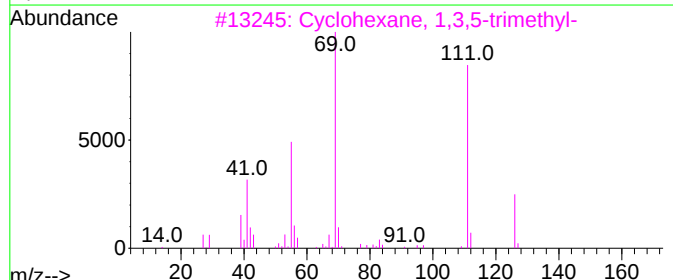
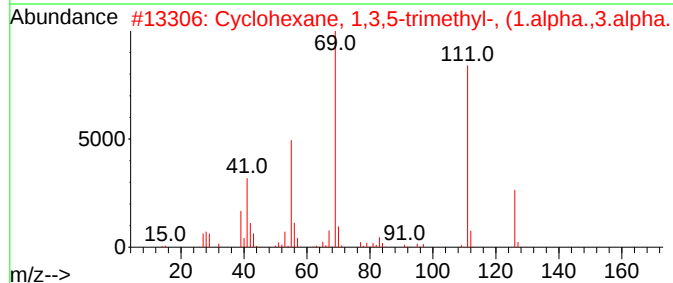
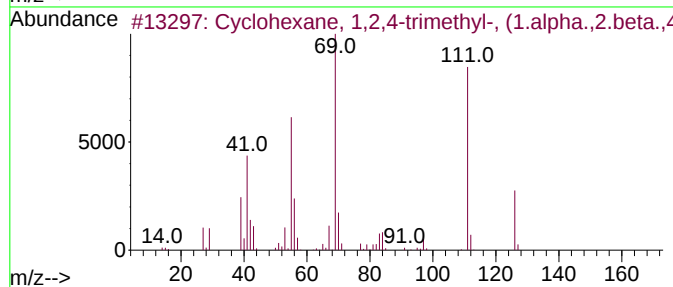
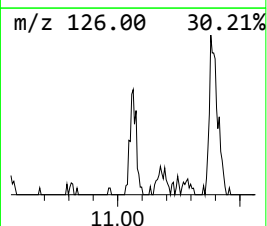
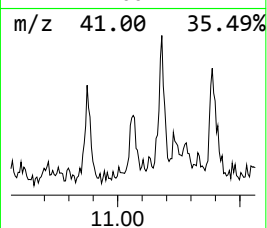
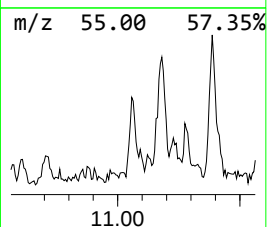
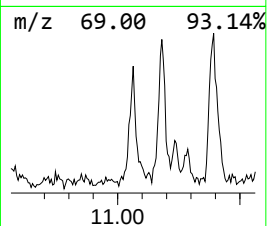
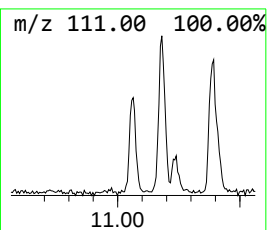
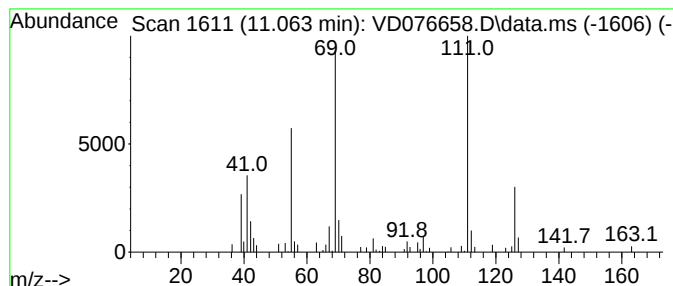
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.063 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	1.60 ug/L	64931	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

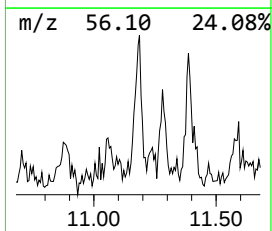
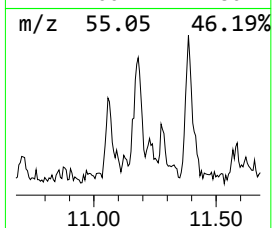
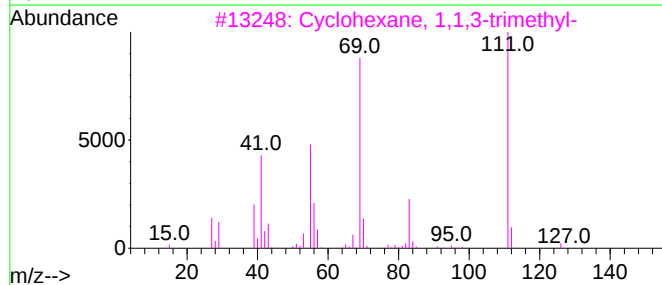
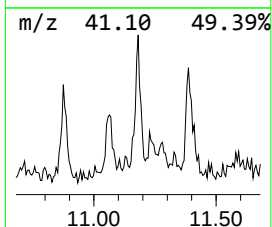
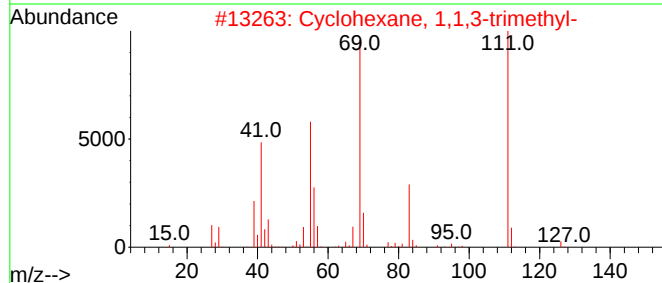
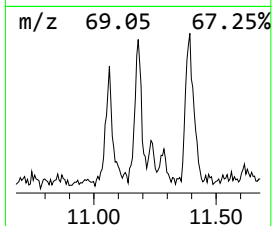
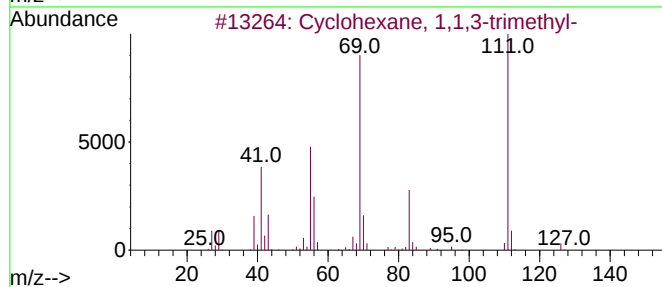
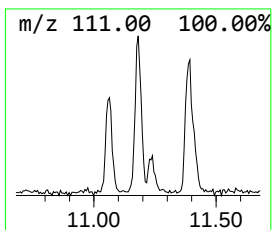
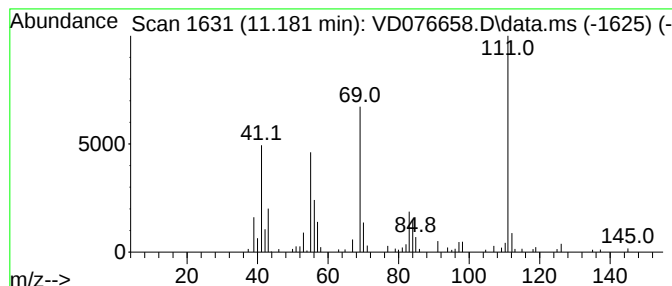
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.181 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	3.03 ug/L	123071	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

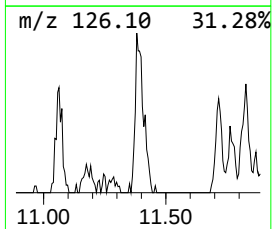
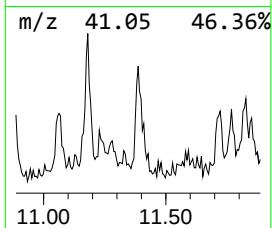
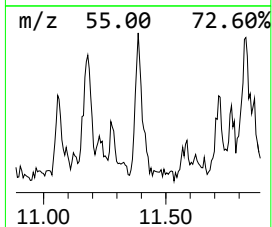
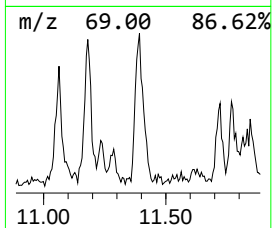
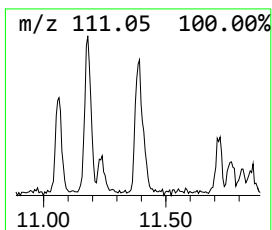
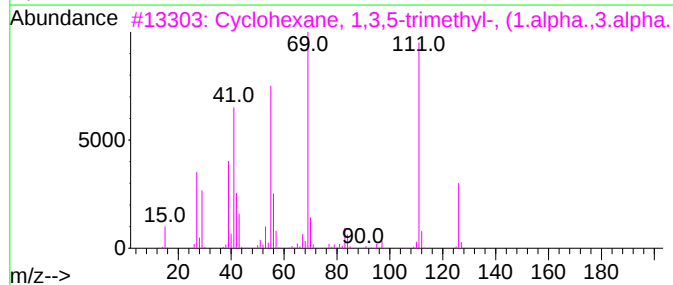
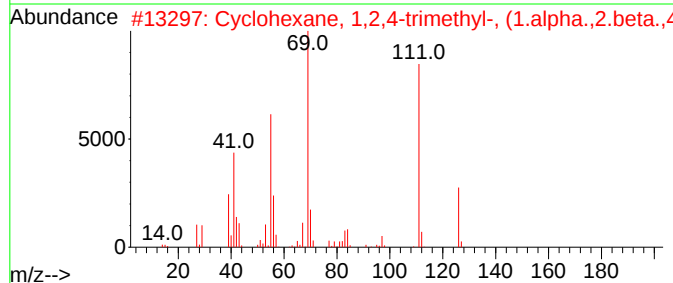
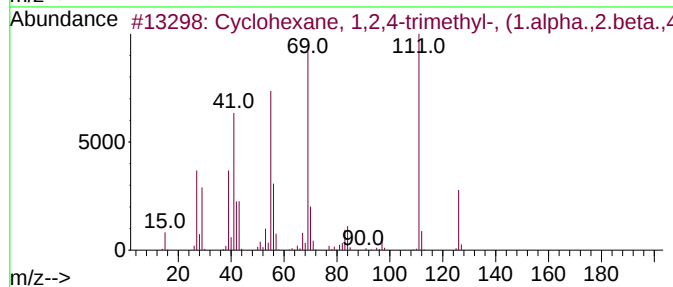
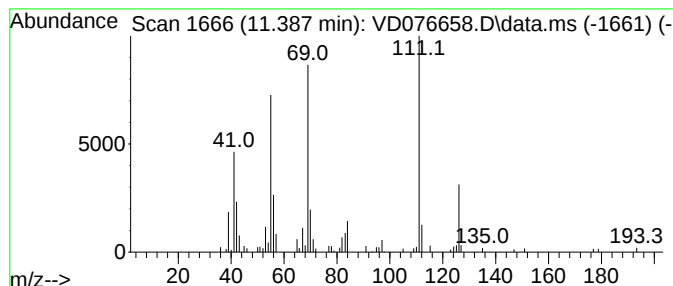
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.387 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.387	3.92 ug/L	158802	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	97
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	95
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

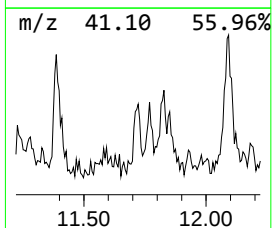
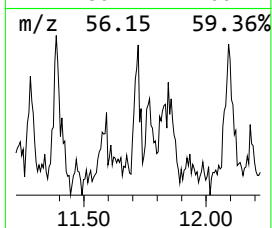
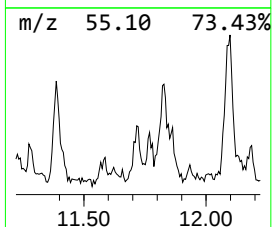
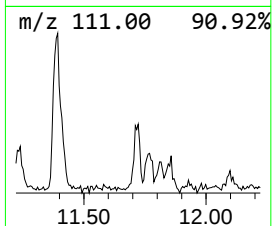
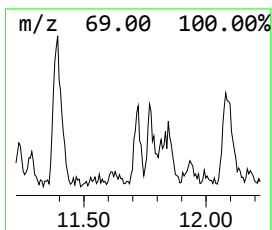
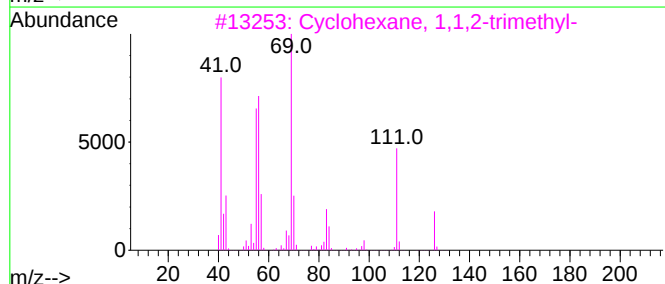
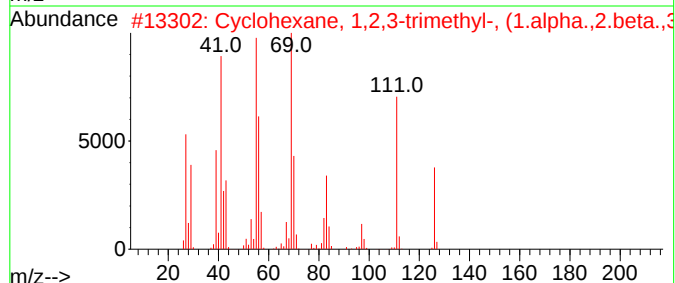
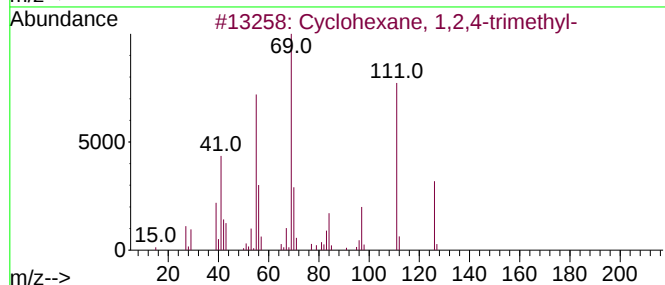
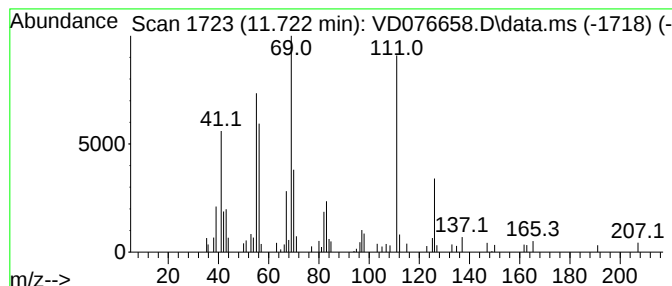
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.722 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	1.25 ug/L	50767	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	81
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	81
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	76
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

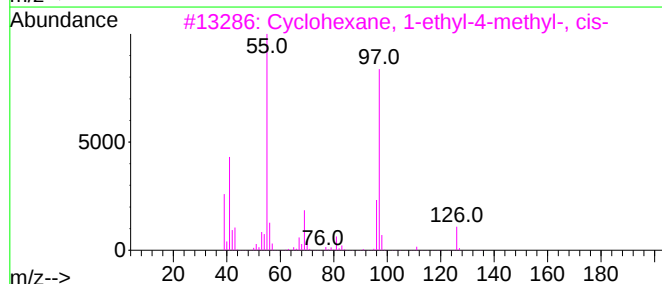
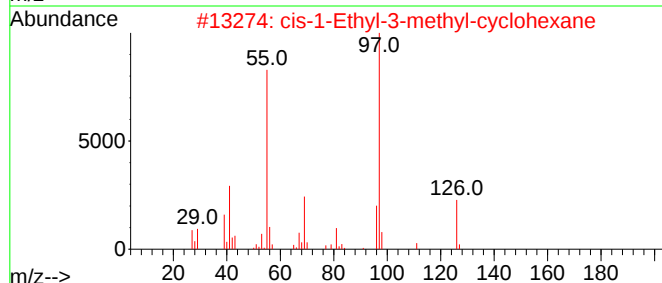
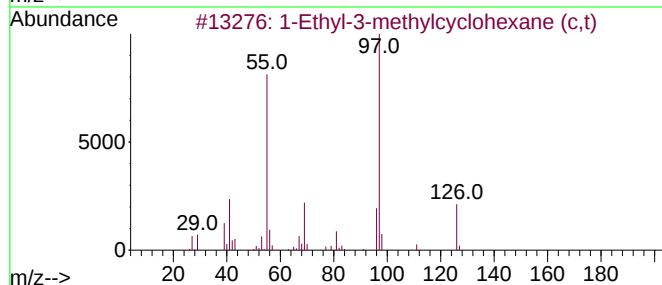
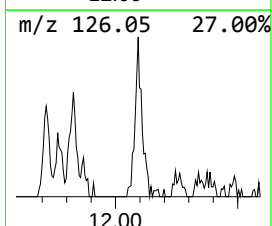
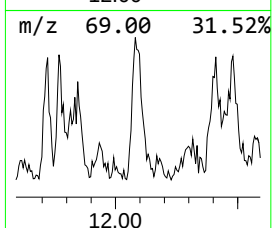
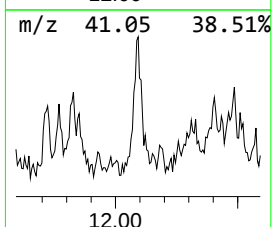
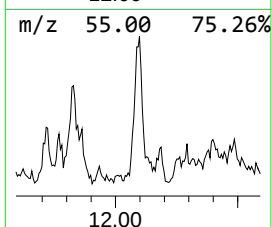
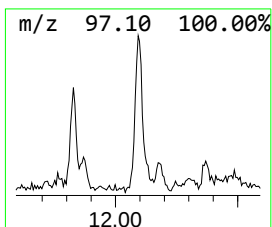
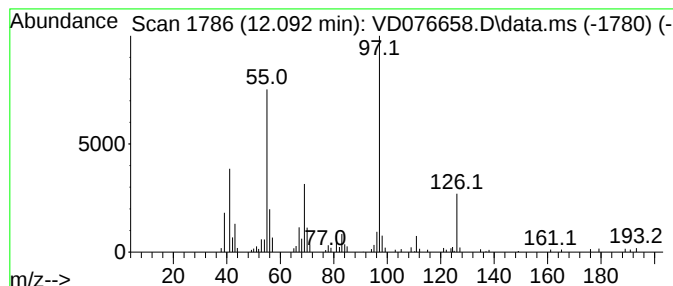
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.092 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	4.03 ug/L	163481	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
5			3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

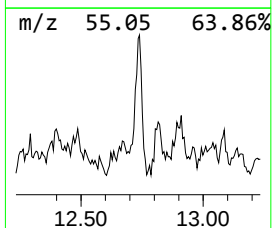
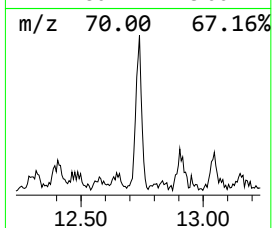
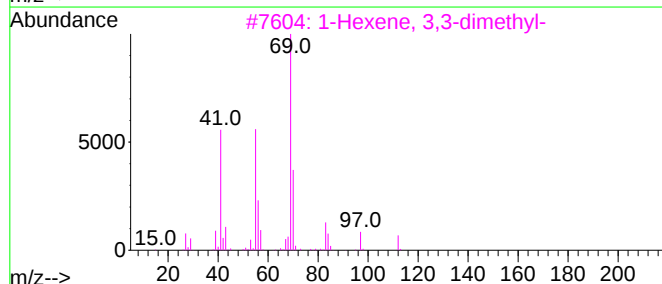
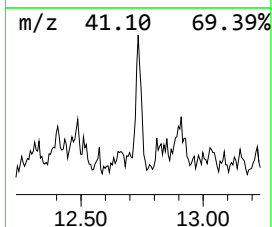
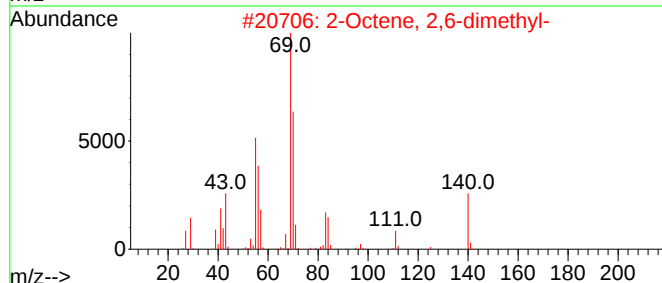
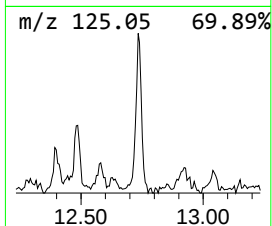
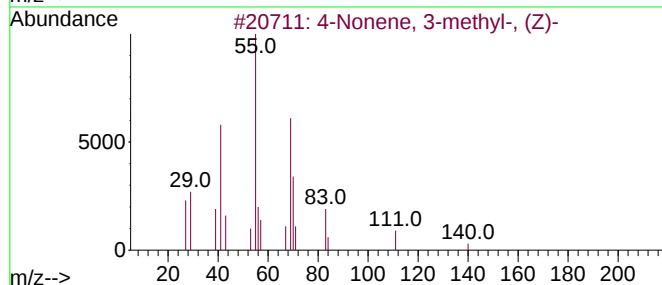
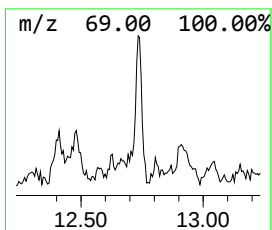
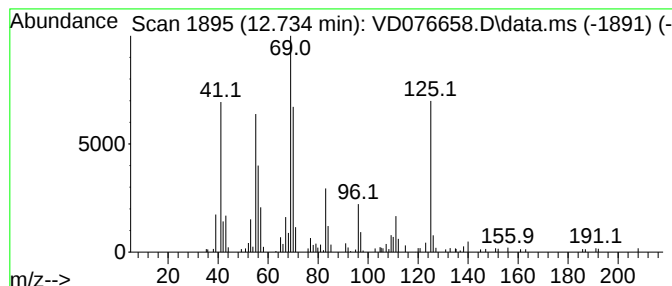
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	5.80 ug/L	190992	1,4-Dichlorobenzene-d4	13.516

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	70	
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52	
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46	
4	2-Methyl-2-octene	126	C9H18	016993-86-5	46	
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

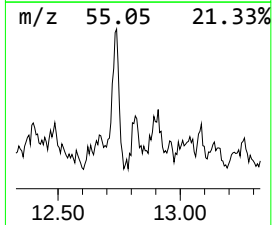
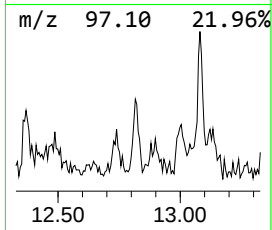
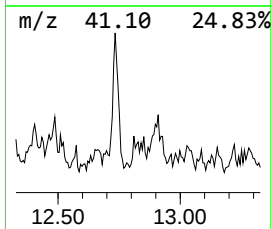
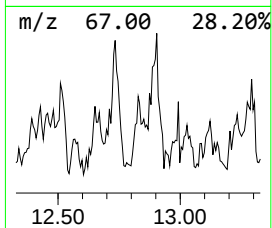
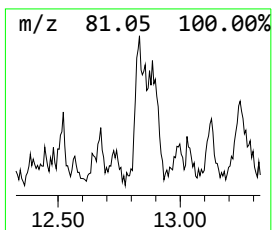
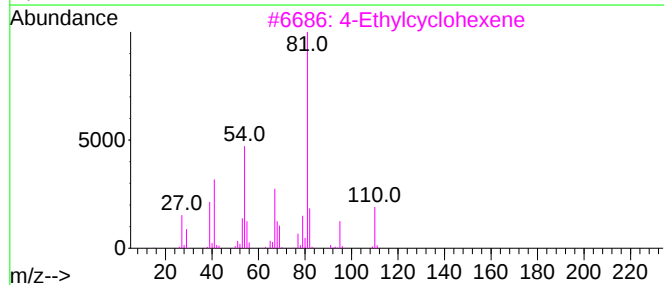
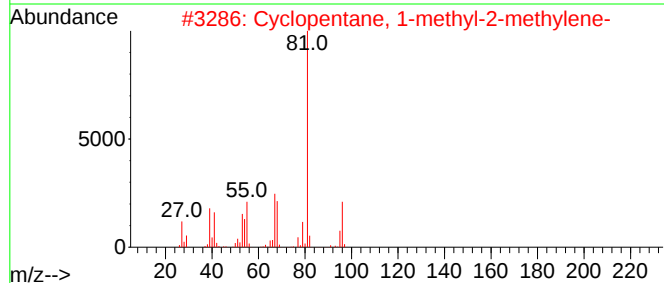
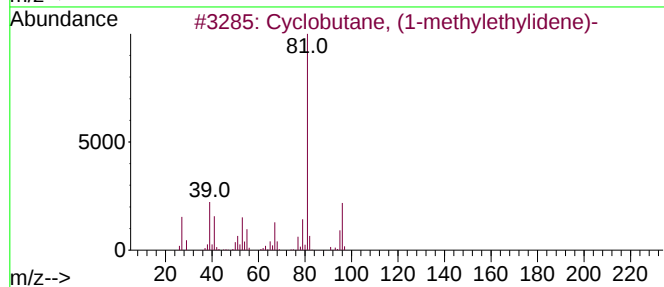
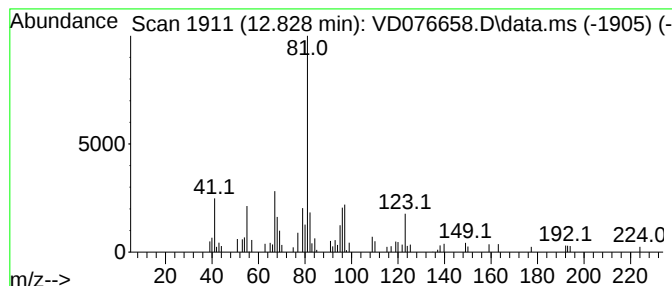
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 12 Cyclobutane, (1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	2.15 ug/L	70869	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	59
2			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	58
3			4-Ethylcyclohexene	110	C8H14	003742-42-5	53
4			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	50
5			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
Misc : 4.43G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46S5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.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
Ethane, 1,2-dic...	3.687	2.4	ug/L	88425	1	8.775	913787	25.0
(DEL) Alkane: S...	8.410	1.9	ug/L	69109	1	8.775	913787	25.0
(DEL) Alkane: C...	11.063	1.6	ug/L	64931	2	11.581	1013940	25.0
(DEL) Alkane: C...	11.181	3.0	ug/L	123071	2	11.581	1013940	25.0
(DEL) Alkane: C...	11.387	3.9	ug/L	158802	2	11.581	1013940	25.0
(DEL) Alkane: C...	11.722	1.3	ug/L	50767	2	11.581	1013940	25.0
(DEL) Alkane: C...	12.092	4.0	ug/L	163481	2	11.581	1013940	25.0
(DEL) Alkane: S...	12.734	5.8	ug/L	190992	3	13.516	822704	25.0
Cyclobutane, (1...	12.828	2.1	ug/L	70869	3	13.516	822704	25.0