

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018719.D
 Acq On : 21 Apr 2021 17:57
 Operator : SY/VA
 Sample : M2129-06
 Misc : 4.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AC2

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_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	64	75	87	rBV	102398	243279	7.65%	0.705%
2	2.898	154	163	176	rVV	79369	210114	6.60%	0.609%
3	3.690	285	293	299	rBV2	11294	26208	0.82%	0.076%
4	4.019	336	347	361	rBV	146847	450040	14.15%	1.305%
5	4.135	361	366	386	rVB	16938	52108	1.64%	0.151%
6	4.403	399	410	411	rBV	8459	21295	0.67%	0.062%
7	4.916	482	494	514	rBV	93257	345395	10.86%	1.001%
8	5.434	566	579	591	rVB7	5839	20759	0.65%	0.060%
9	5.940	652	662	673	rBV2	25955	79312	2.49%	0.230%
10	6.988	826	834	842	rVB3	13455	37082	1.17%	0.107%
11	7.080	842	849	854	rBV	43038	109650	3.45%	0.318%
12	7.141	855	859	875	rVB	38498	109157	3.43%	0.316%
13	7.537	916	924	933	rBV3	10287	28294	0.89%	0.082%
14	7.653	933	943	958	rVB	308679	759085	23.86%	2.200%
15	7.958	979	993	1003	rBV2	140089	374308	11.76%	1.085%
16	8.275	1032	1045	1050	rBV	541584	1490666	46.85%	4.321%
17	8.695	1107	1114	1122	rBV2	12713	26157	0.82%	0.076%
18	8.842	1128	1138	1151	rBV	696042	1363731	42.86%	3.953%
19	9.110	1170	1182	1195	rVB7	10772	39758	1.25%	0.115%
20	9.275	1198	1209	1216	rBV	404433	815067	25.62%	2.363%
21	9.336	1216	1219	1232	rVB2	28695	61392	1.93%	0.178%
22	9.896	1303	1311	1316	rVV4	10605	22549	0.71%	0.065%
23	9.957	1316	1321	1325	rVV	19261	35964	1.13%	0.104%
24	10.037	1328	1334	1340	rVV	187121	336704	10.58%	0.976%
25	10.098	1340	1344	1357	rVB2	21712	49212	1.55%	0.143%
26	10.323	1374	1381	1389	rBV	694456	1265169	39.77%	3.667%
27	10.390	1389	1392	1398	rVV	35790	56867	1.79%	0.165%
28	10.506	1404	1411	1417	rVB4	30068	62341	1.96%	0.181%
29	10.579	1417	1423	1431	rBV	107900	192483	6.05%	0.558%
30	10.665	1431	1437	1440	rVV	40905	73045	2.30%	0.212%
31	10.707	1440	1444	1448	rVV2	38117	68613	2.16%	0.199%
32	10.762	1448	1453	1459	rVV2	35499	65703	2.07%	0.190%
33	10.835	1461	1465	1473	rVB5	10783	25947	0.82%	0.075%
34	10.927	1473	1480	1488	rBV	188367	324818	10.21%	0.942%
35	11.061	1493	1502	1506	rBV3	21199	42784	1.34%	0.124%
36	11.110	1506	1510	1513	rVV2	21771	37212	1.17%	0.108%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018719.D
 Acq On : 21 Apr 2021 17:57
 Operator : SY/VA
 Sample : M2129-06
 Misc : 4.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AC2

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_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

37	11.177	1513	1521	1526	rVV	100393	194740	6.12%	0.564%
38	11.232	1526	1530	1537	rVV3	39812	95120	2.99%	0.276%
39	11.335	1543	1547	1551	rVB3	15546	24552	0.77%	0.071%
40	11.439	1551	1564	1571	rVB3	85928	198625	6.24%	0.576%
41	11.512	1571	1576	1582	rBV	35351	60187	1.89%	0.174%
42	11.634	1588	1596	1605	rBV2	785615	1910360	60.04%	5.538%
43	11.713	1605	1609	1614	rBV2	107989	174459	5.48%	0.506%
44	11.762	1614	1617	1621	rVB	36009	47884	1.51%	0.139%
45	11.847	1621	1631	1633	rBV	207999	430860	13.54%	1.249%
46	11.914	1639	1642	1648	rVB2	118301	203486	6.40%	0.590%
47	11.975	1648	1652	1657	rBV5	13793	28828	0.91%	0.084%
48	12.042	1657	1663	1671	rVB5	37150	86772	2.73%	0.252%
49	12.140	1671	1679	1690	rBV3	236668	794998	24.99%	2.304%
50	12.225	1690	1693	1695	rVV	20706	28813	0.91%	0.084%
51	12.250	1695	1697	1701	rVB	62806	76363	2.40%	0.221%
52	12.298	1701	1705	1708	rBV2	96165	169472	5.33%	0.491%
53	12.341	1708	1712	1715	rVV	278274	476637	14.98%	1.382%
54	12.384	1715	1719	1723	rVV2	278083	511396	16.07%	1.482%
55	12.463	1727	1732	1739	rVB	2065947	3181579	100.00%	9.223%
56	12.609	1752	1756	1761	rVB2	67487	110488	3.47%	0.320%
57	12.695	1761	1770	1776	rBV	391601	752043	23.64%	2.180%
58	12.804	1779	1788	1793	rVB	727448	1425946	44.82%	4.133%
59	12.859	1793	1797	1800	rBV3	56145	105684	3.32%	0.306%
60	12.902	1800	1804	1806	rVV	99871	165494	5.20%	0.480%
61	12.939	1806	1810	1816	rVB5	174563	384325	12.08%	1.114%
62	13.036	1823	1826	1829	rBV3	16605	23791	0.75%	0.069%
63	13.103	1829	1837	1843	rVV	331947	628270	19.75%	1.821%
64	13.170	1843	1848	1856	rVB6	97193	239620	7.53%	0.695%
65	13.249	1856	1861	1872	rBV	298954	573230	18.02%	1.662%
66	13.377	1876	1882	1887	rVV2	159529	312920	9.84%	0.907%
67	13.445	1887	1893	1898	rVV4	107239	234757	7.38%	0.680%
68	13.493	1898	1901	1906	rVB	56924	94886	2.98%	0.275%
69	13.573	1906	1914	1920	rBV2	990360	2219753	69.77%	6.434%
70	13.621	1920	1922	1925	rVB	45713	46416	1.46%	0.135%
71	13.719	1932	1938	1941	rBV	625745	949549	29.85%	2.752%
72	13.755	1941	1944	1948	rVV	384741	593647	18.66%	1.721%
73	13.798	1948	1951	1956	rVV2	328242	595788	18.73%	1.727%
74	13.859	1956	1961	1970	rVB4	447506	1113939	35.01%	3.229%
75	13.951	1971	1976	1981	rBV	91318	139024	4.37%	0.403%
76	14.012	1981	1986	1989	rBV	89091	145521	4.57%	0.422%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018719.D
 Acq On : 21 Apr 2021 17:57
 Operator : SY/VA
 Sample : M2129-06
 Misc : 4.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AC2

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_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

77	14.097	1994	2000	2006	rVB	1076222	1658133	52.12%	4.806%
78	14.158	2006	2010	2012	rBV	55054	78931	2.48%	0.229%
79	14.207	2012	2018	2023	rVB3	222185	409024	12.86%	1.186%
80	14.274	2023	2029	2033	rBV7	27974	57227	1.80%	0.166%
81	14.335	2033	2039	2043	rBV4	44408	76366	2.40%	0.221%
82	14.414	2043	2052	2056	rBV	460320	786958	24.73%	2.281%
83	14.457	2056	2059	2063	rVV	267616	357678	11.24%	1.037%
84	14.499	2063	2066	2070	rVB	76914	98582	3.10%	0.286%
85	14.566	2070	2077	2080	rBV2	31456	60747	1.91%	0.176%
86	14.639	2086	2089	2092	rVB2	24630	32805	1.03%	0.095%
87	14.688	2092	2097	2101	rBV2	147214	258697	8.13%	0.750%
88	14.731	2101	2104	2108	rVB	75280	104589	3.29%	0.303%
89	14.804	2108	2116	2121	rBV4	233745	561455	17.65%	1.628%
90	14.853	2121	2124	2130	rVB	67933	99279	3.12%	0.288%
91	14.956	2136	2141	2146	rBV	87471	138045	4.34%	0.400%
92	15.060	2153	2158	2163	rBV2	105925	193144	6.07%	0.560%
93	15.170	2171	2176	2184	rVB3	92754	206374	6.49%	0.598%
94	15.316	2196	2200	2202	rBV3	12896	21301	0.67%	0.062%
95	15.365	2202	2208	2213	rVV	163471	275437	8.66%	0.798%
96	15.426	2213	2218	2221	rVV3	17342	31282	0.98%	0.091%
97	15.469	2221	2225	2228	rVV5	14070	20442	0.64%	0.059%
98	15.651	2248	2255	2261	rBV6	17344	44054	1.38%	0.128%
99	16.170	2336	2340	2345	rVB6	12140	25111	0.79%	0.073%
100	16.633	2411	2416	2425	rVB5	11992	29689	0.93%	0.086%

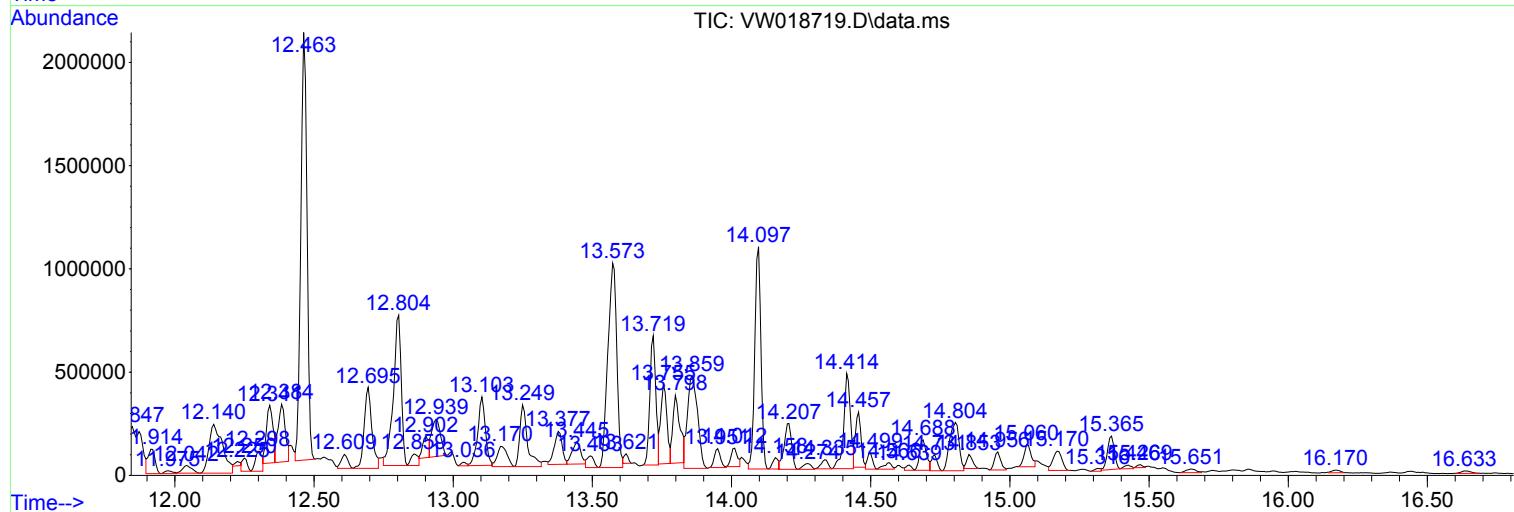
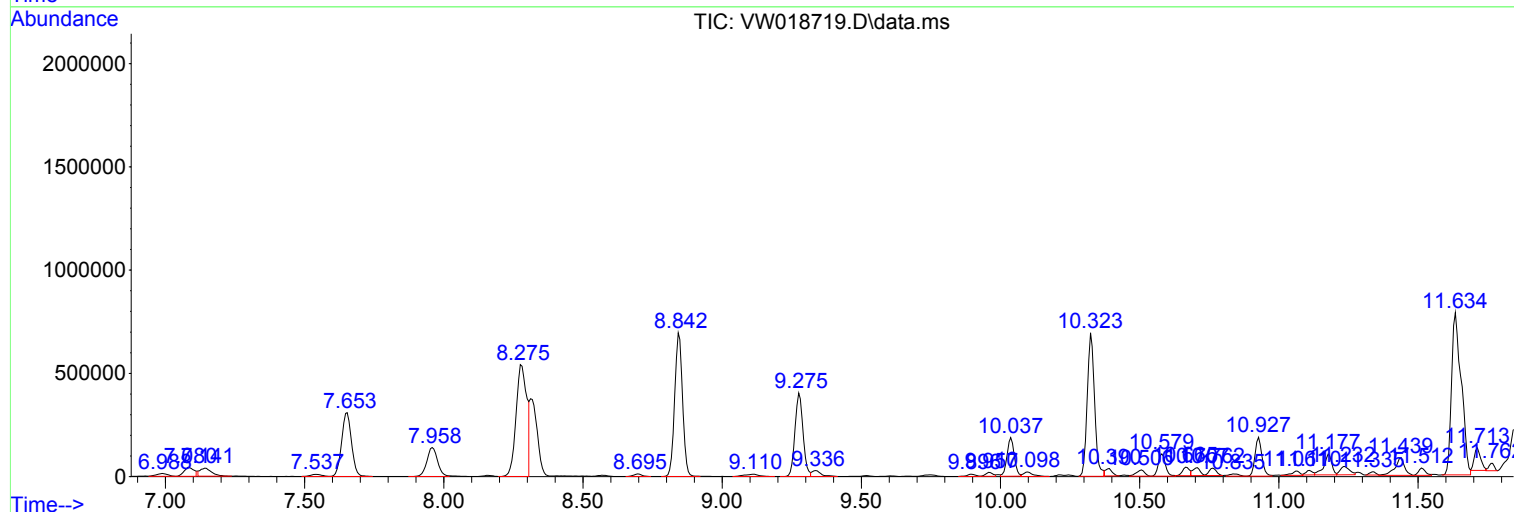
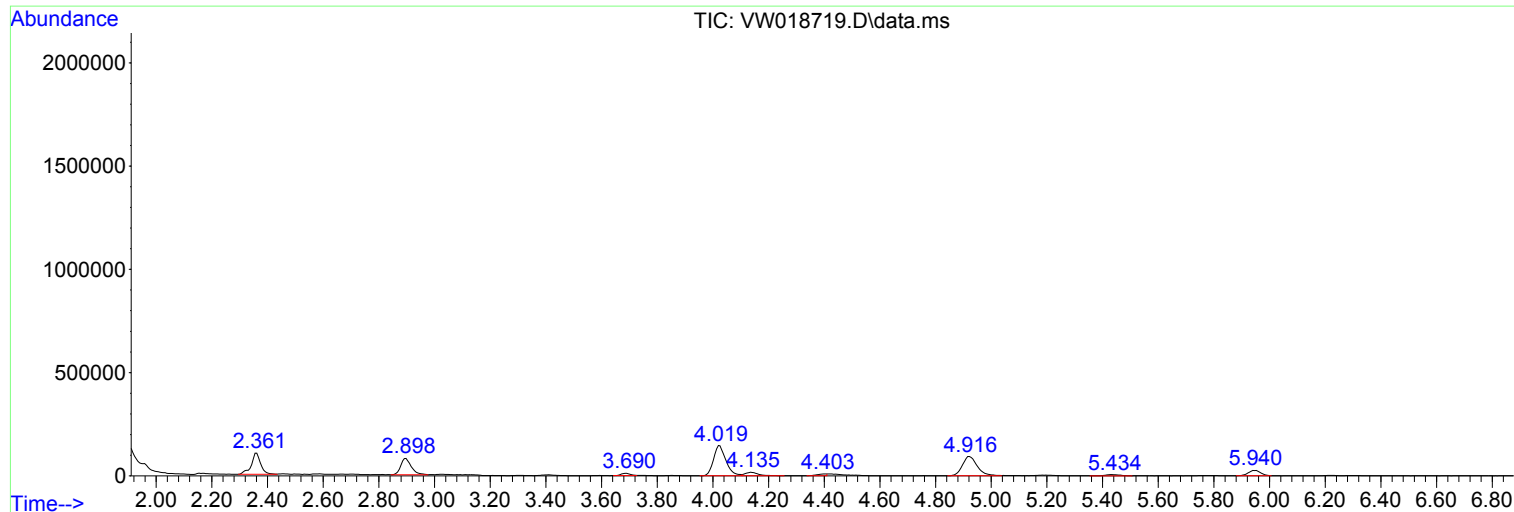
Sum of corrected areas: 34497840

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

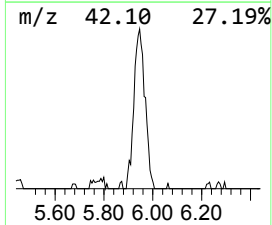
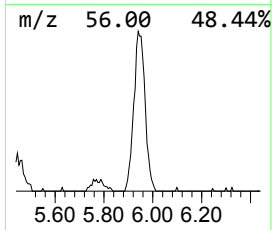
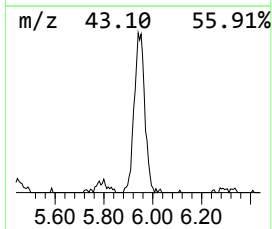
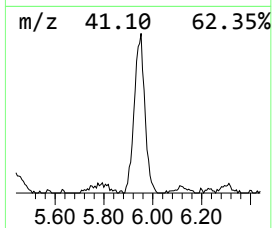
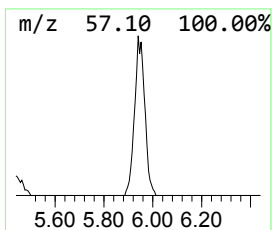
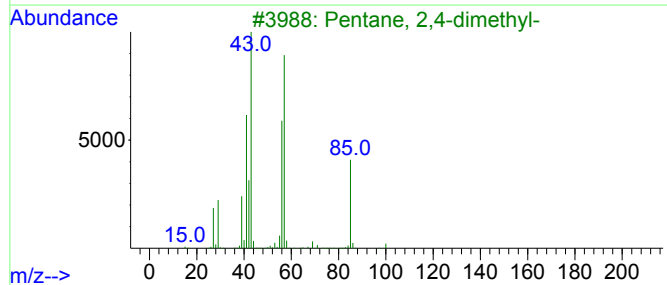
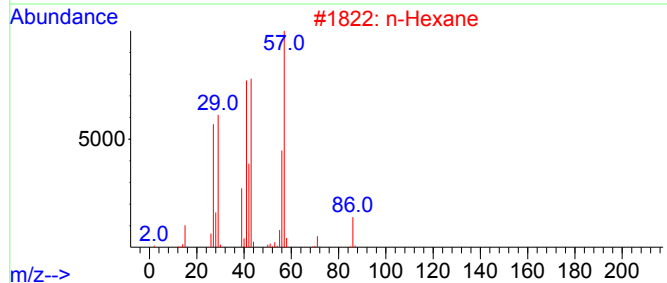
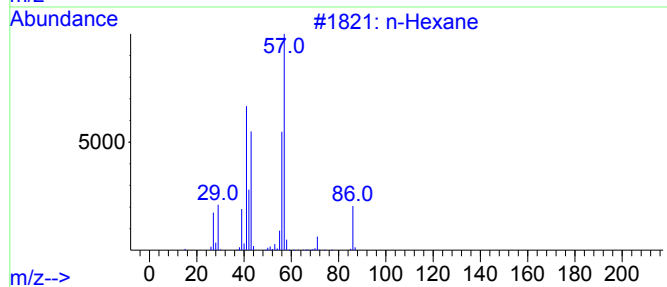
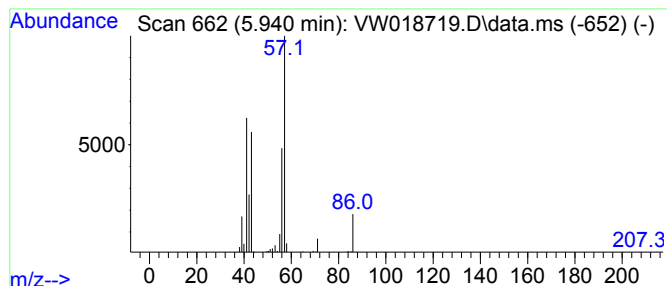
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	1.45 ug/L	79312	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	91
2	n-Hexane			86	C6H14	000110-54-3	83
3	Pentane, 2,4-dimethyl-			100	C7H16	000108-08-7	50
4	n-Hexane			86	C6H14	000110-54-3	50
5	Pentane, 2,2-dimethyl-			100	C7H16	000590-35-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

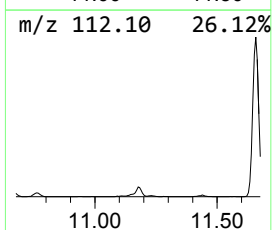
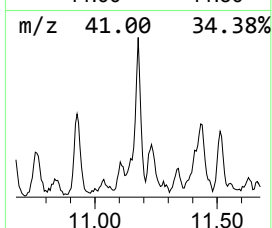
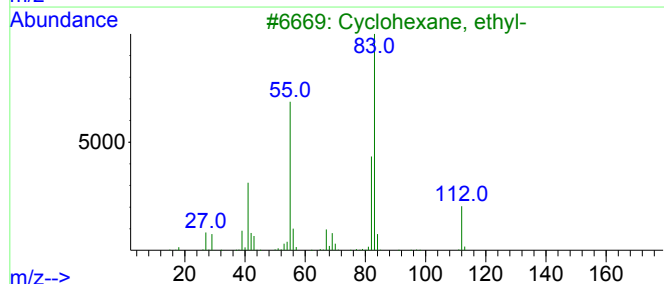
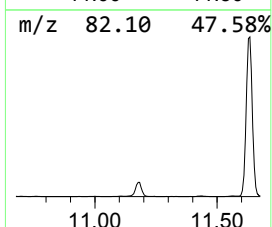
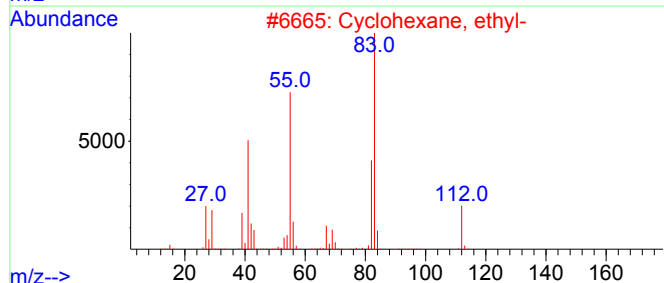
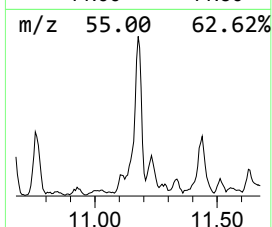
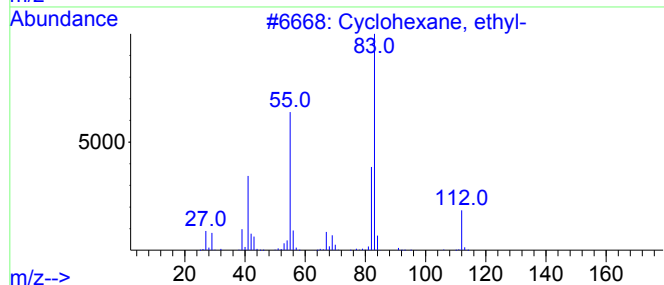
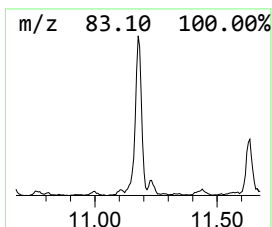
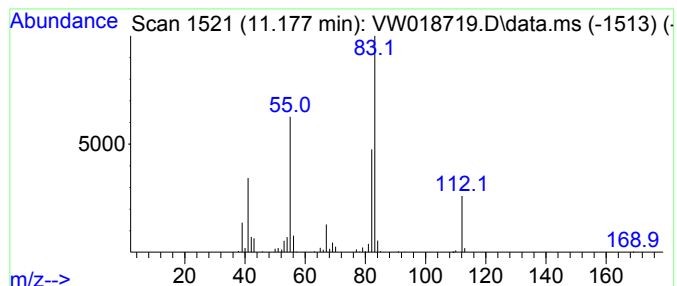
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic11.177 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.177	2.55 ug/L	194740	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	58
5			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

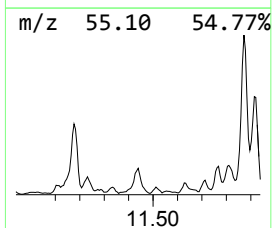
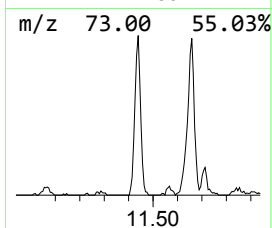
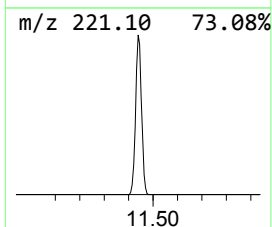
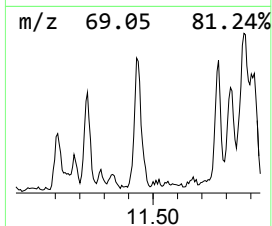
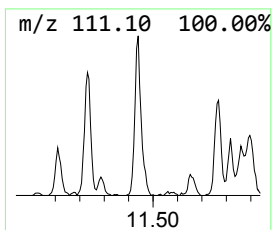
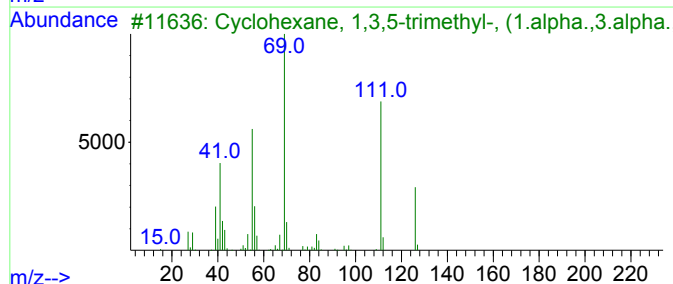
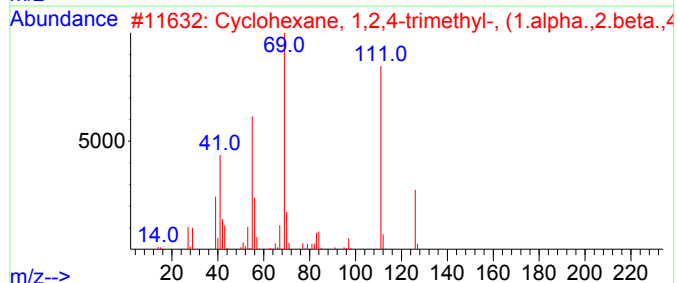
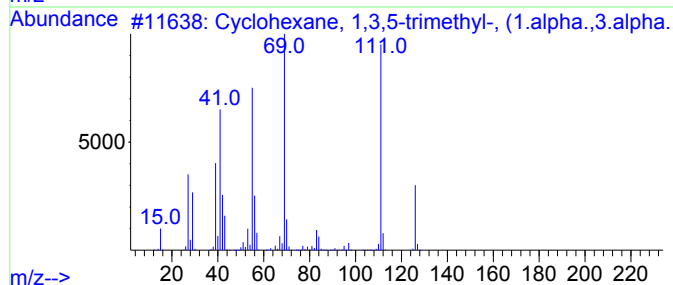
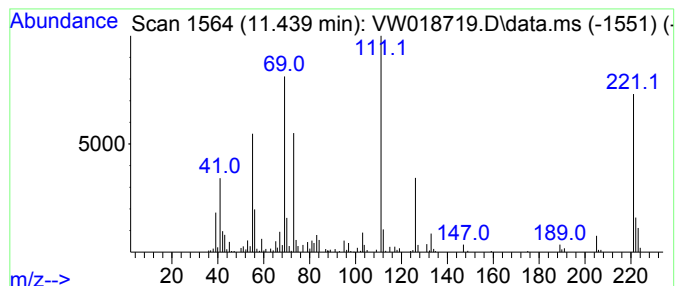
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic11.439 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	2.60 ug/L	198625	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	70
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	62
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	58
4			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	52
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

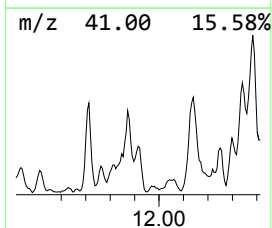
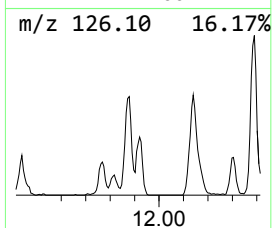
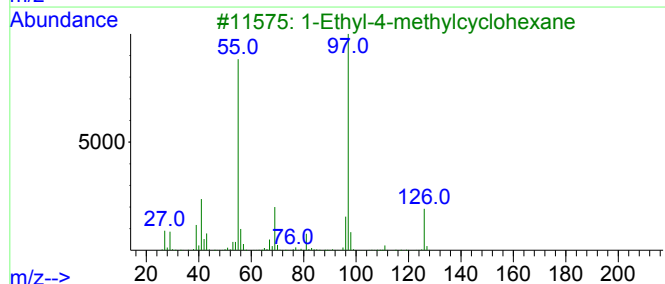
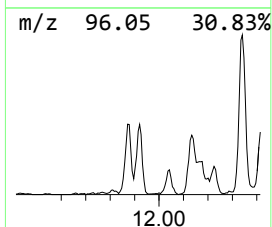
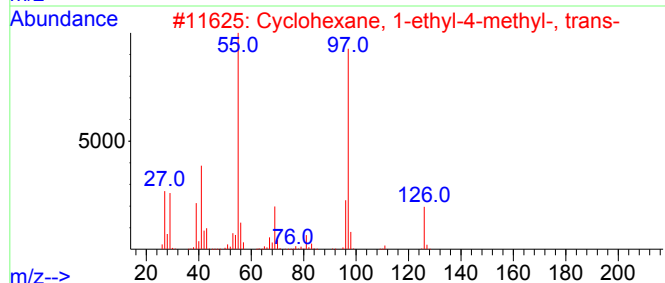
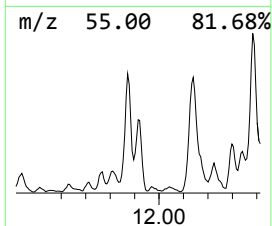
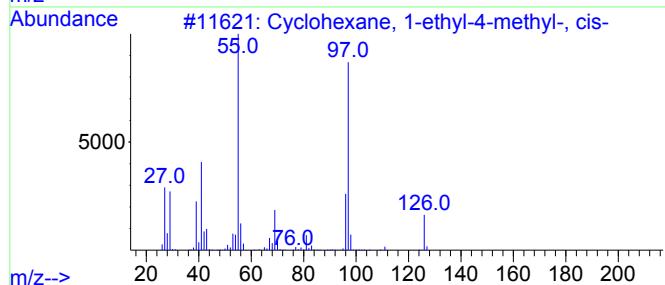
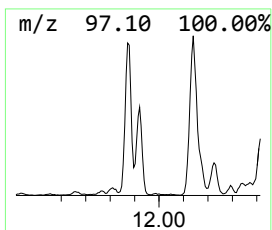
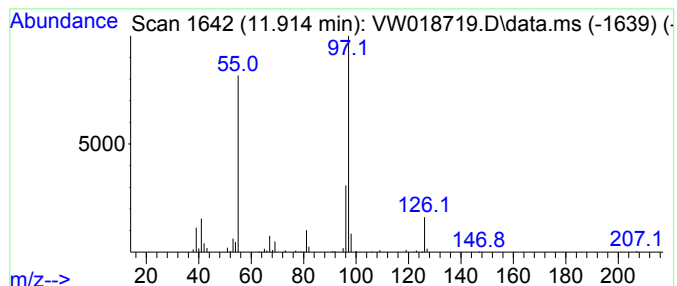
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic11.914 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	2.66 ug/L	203486	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	80
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

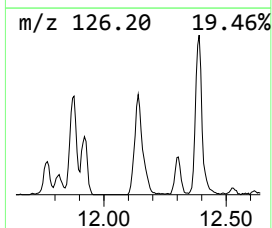
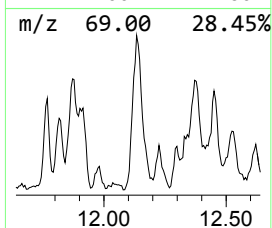
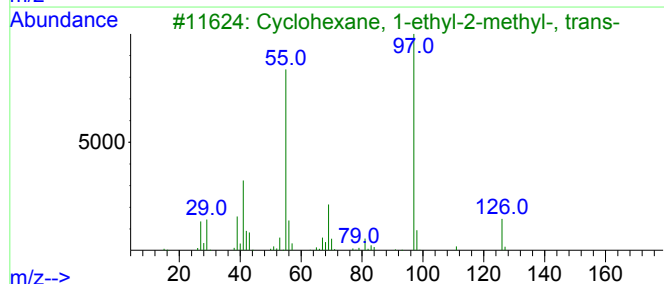
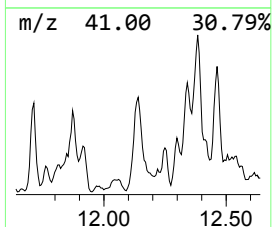
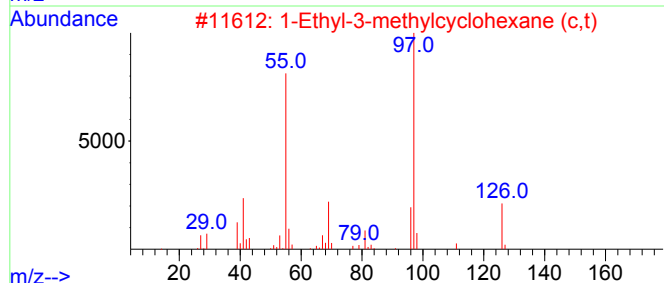
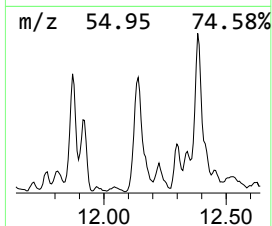
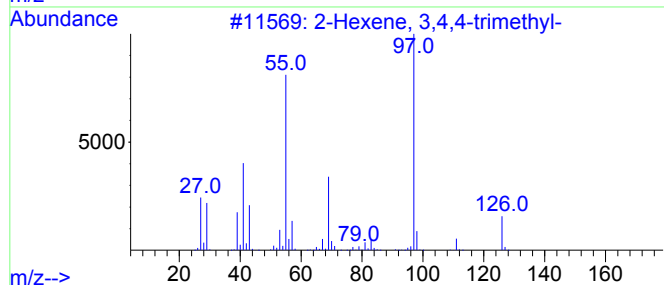
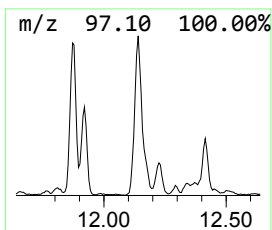
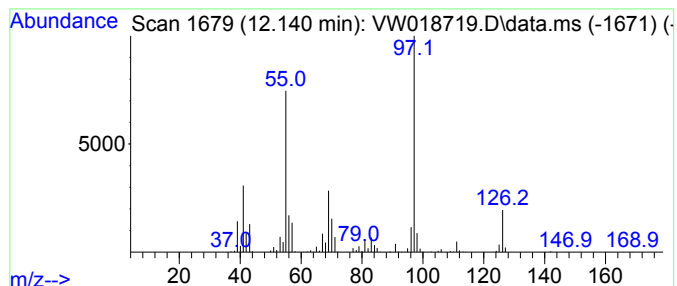
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.140	10.40 ug/L	794998	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-			126	C9H18	053941-19-8	87
2	1-Ethyl-3-methylcyclohexane (c,t)			126	C9H18	003728-55-0	81
3	Cyclohexane, 1-ethyl-2-methyl-, ...			126	C9H18	004923-78-8	81
4	Cyclohexane, 1-ethyl-2-methyl-			126	C9H18	003728-54-9	81
5	1-Ethyl-4-methylcyclohexane			126	C9H18	003728-56-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

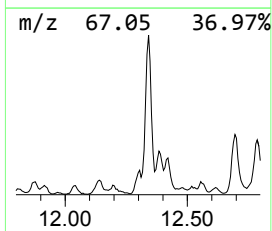
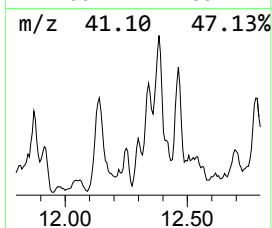
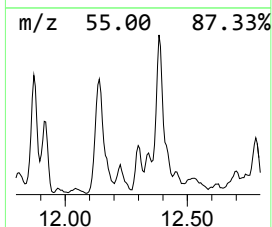
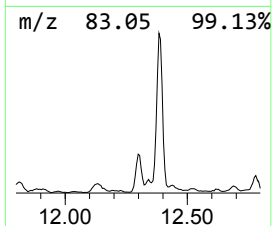
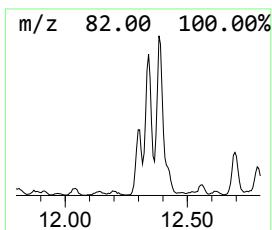
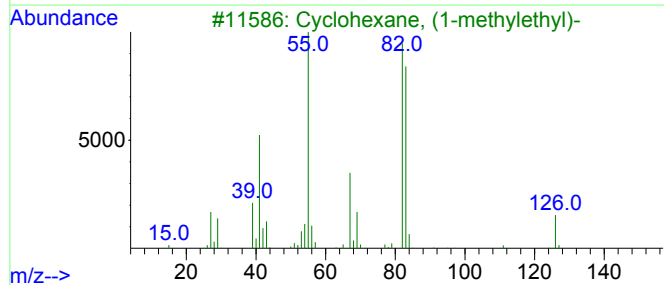
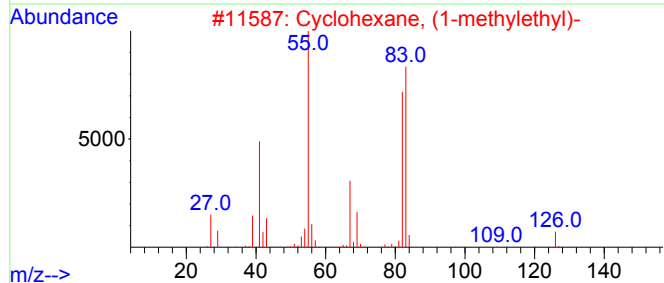
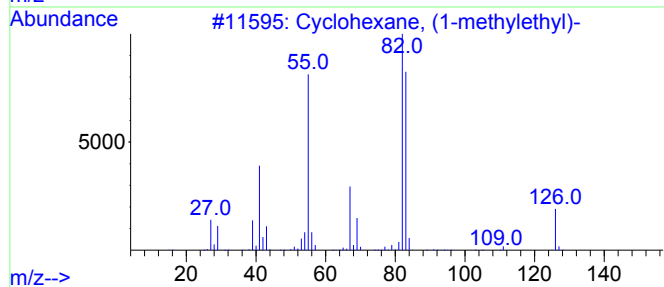
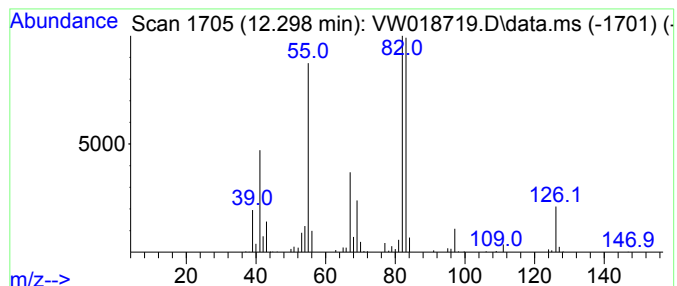
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic12.298 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	2.22 ug/L	169472	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	95
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	91
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	68
5			Vinylcyclohexyl ether	126	C8H14O	002182-55-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

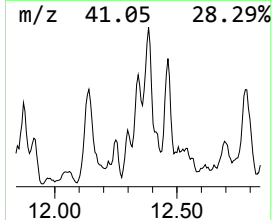
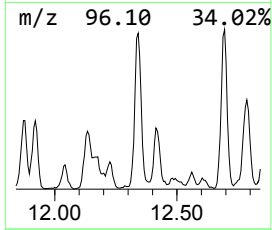
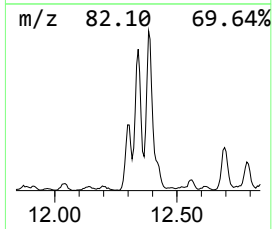
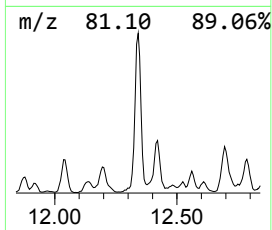
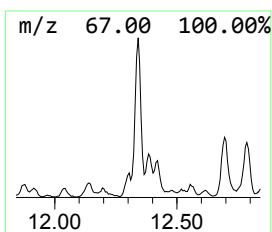
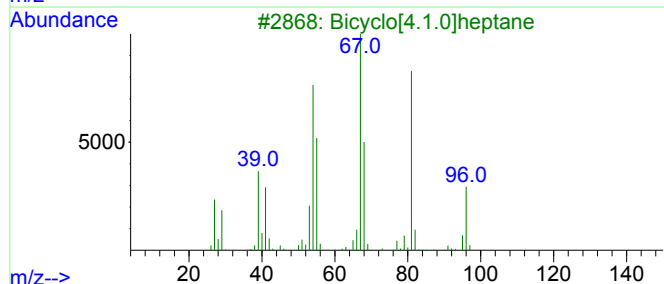
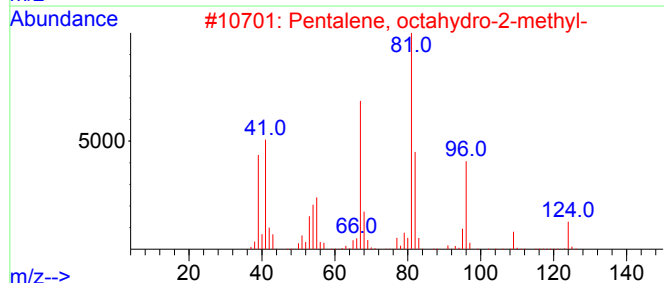
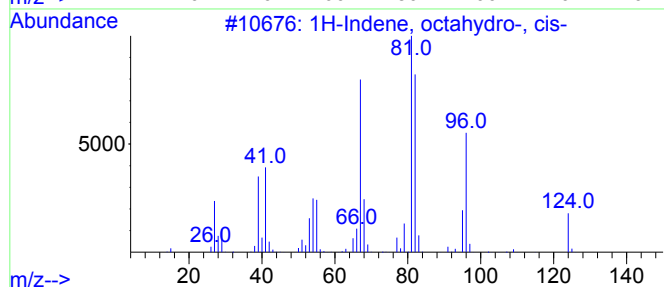
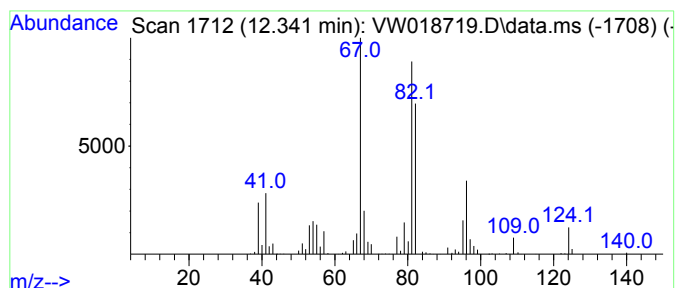
Instrument :
MSVOA_W
ClientSampleId :
E0AC2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1H-Indene, octahydro-, cis- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.341	6.24 ug/L	476637	Chlorobenzene-d5			11.634
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-		124	C9H16	004551-51-3	93
2	Pentalene, octahydro-2-methyl-		124	C9H16	003868-64-2	58
3	Bicyclo[4.1.0]heptane		96	C7H12	000286-08-8	53
4	1H-Indene, octahydro-, trans-		124	C9H16	003296-50-2	52
5	1-Dodecyne		166	C12H22	000765-03-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

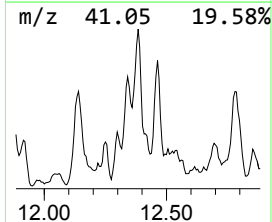
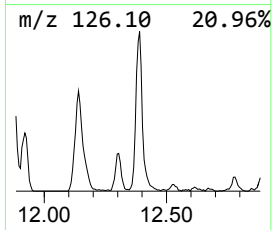
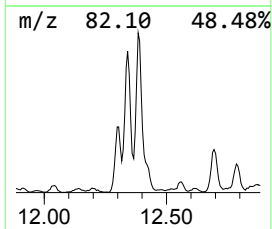
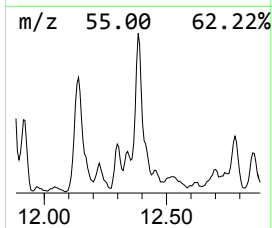
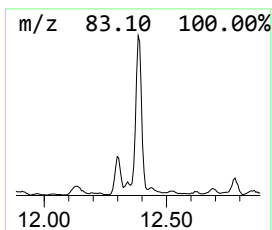
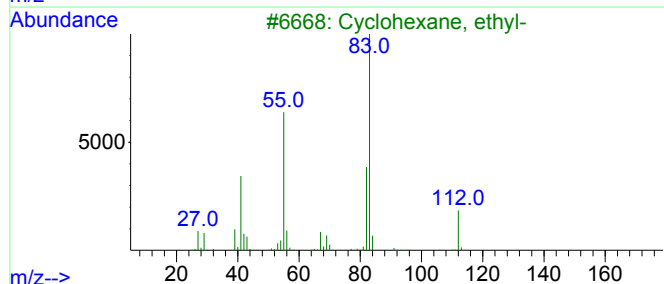
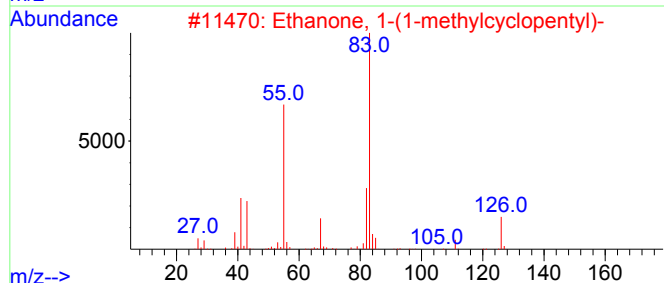
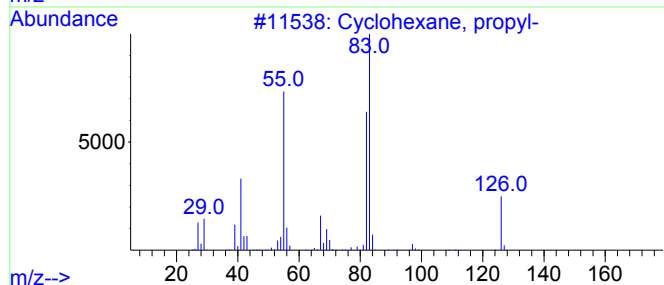
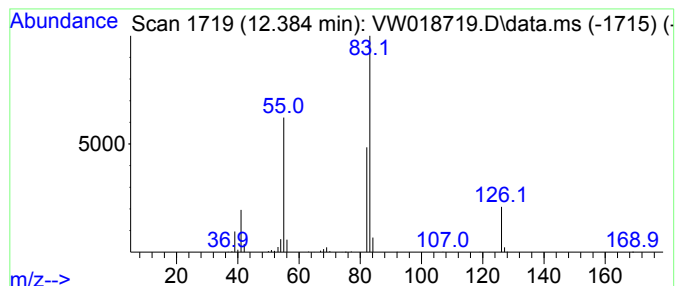
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic12.384 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.384	6.69 ug/L	511396	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	78
2			Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	64
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
4			Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	50
5			2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

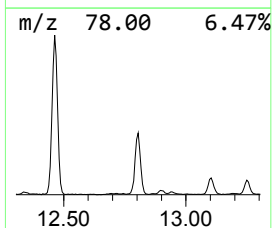
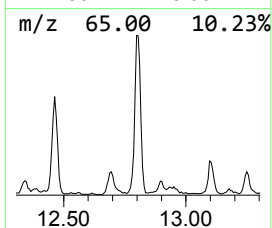
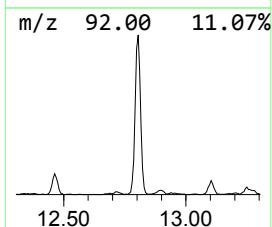
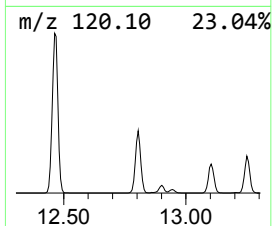
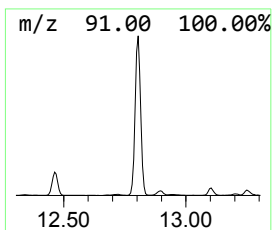
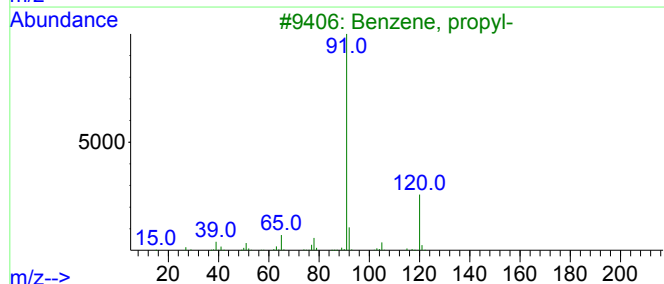
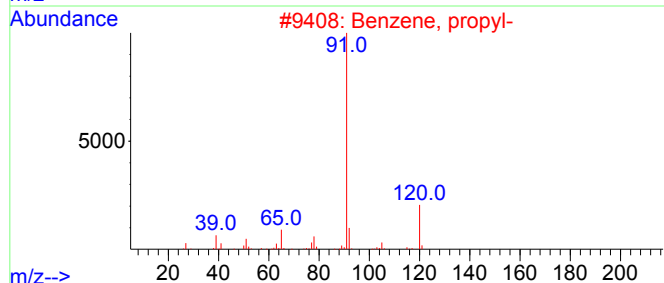
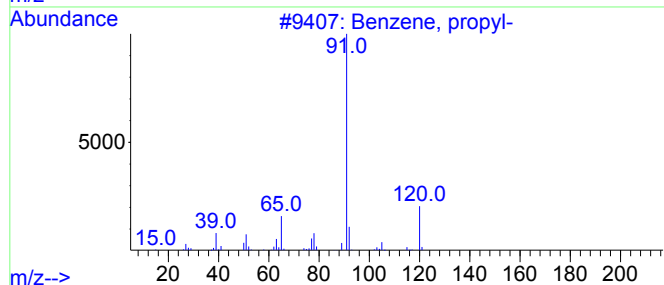
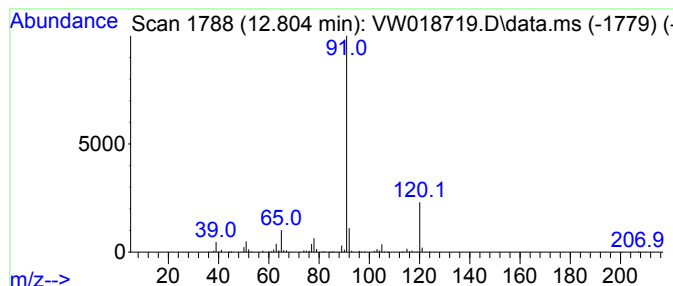
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	16.06 ug/L	1425950	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	91
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

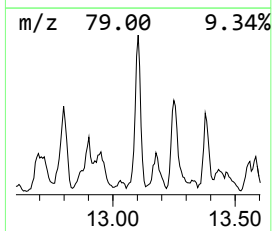
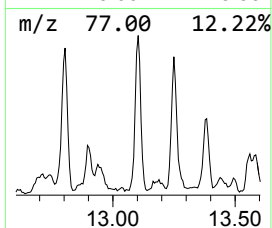
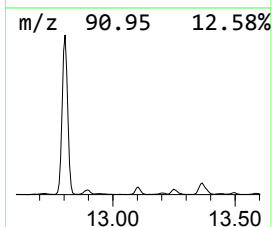
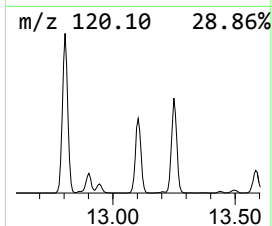
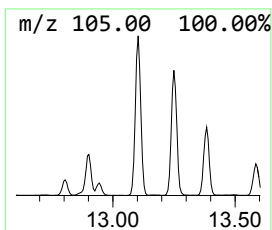
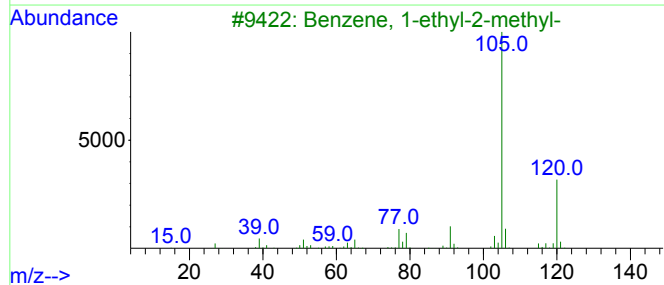
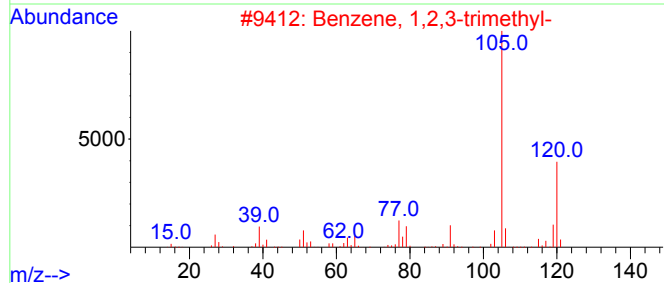
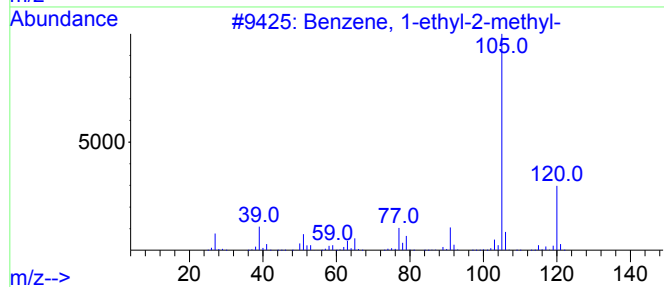
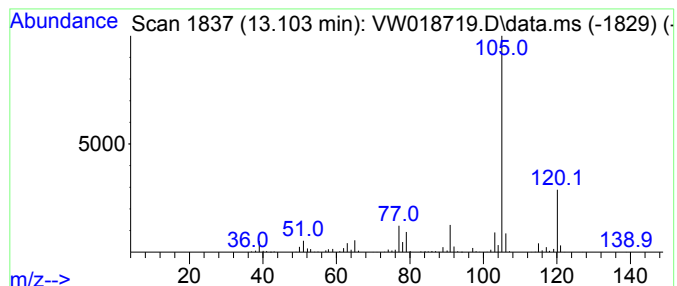
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	7.08 ug/L	628270	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

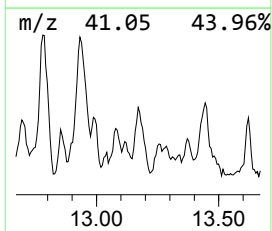
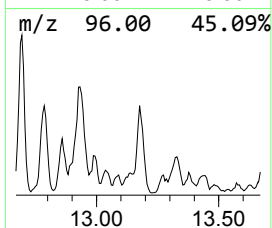
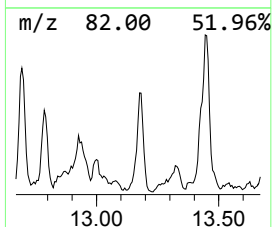
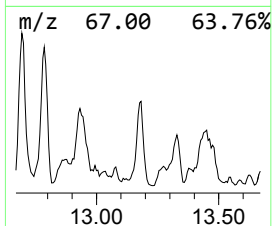
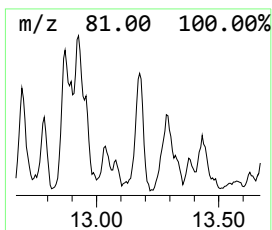
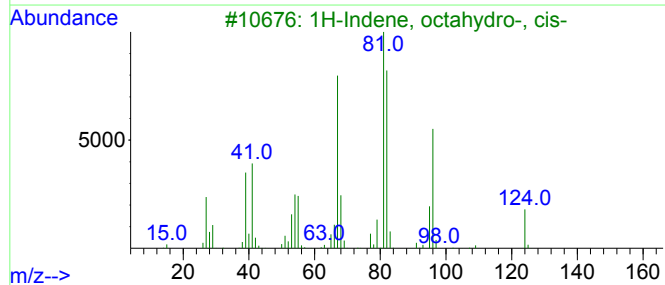
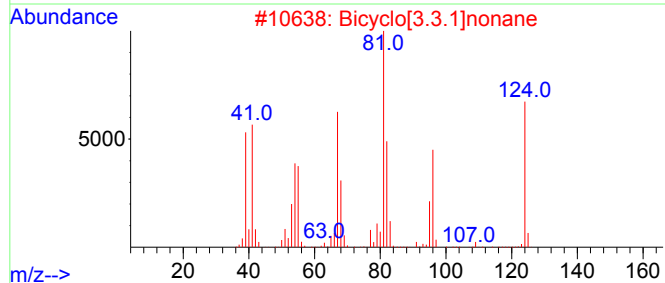
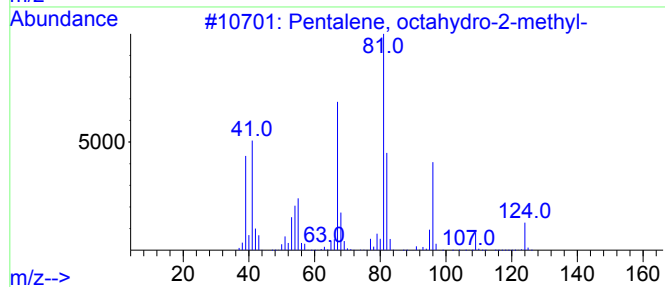
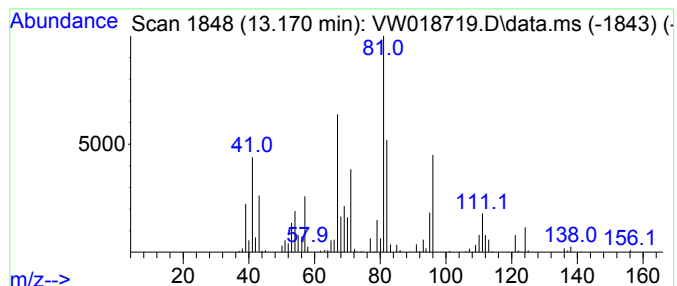
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentalene, octahydro-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	2.70 ug/L	239620	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	90
2			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	68
3			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	55
4			Cyclohexene,1-propyl-	124	C9H16	002539-75-5	53
5			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

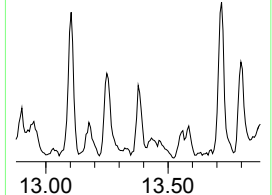
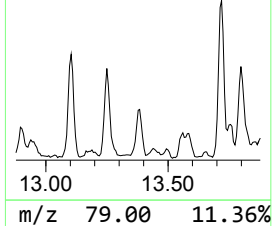
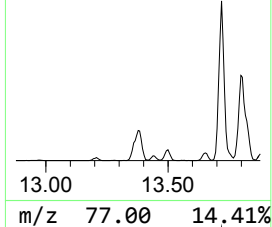
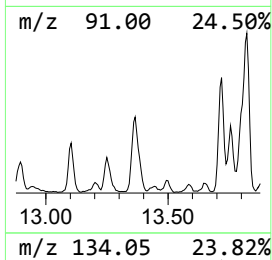
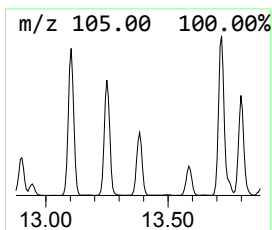
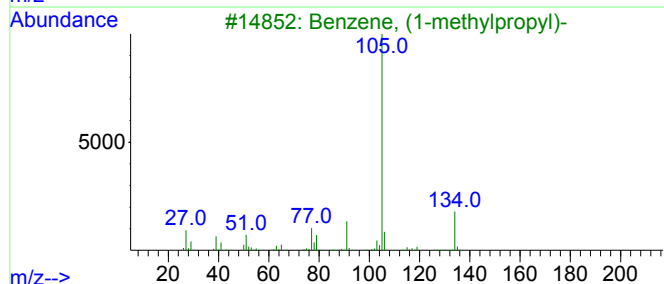
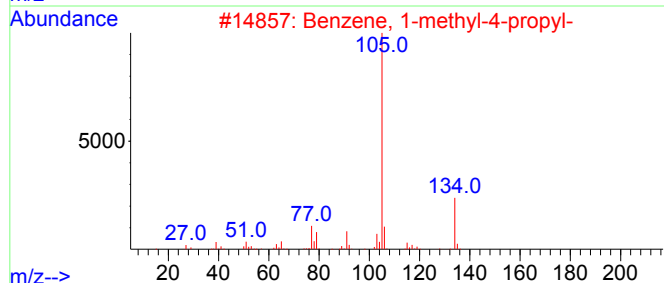
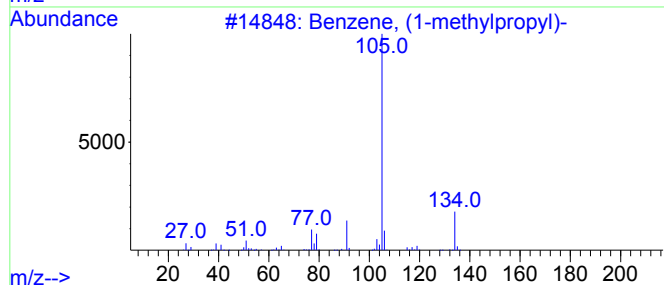
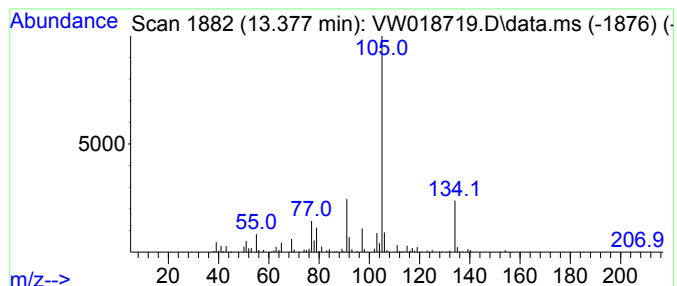
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, (1-methylpropyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	3.52 ug/L	312920	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
4			2-Tolyloxirane	134	C9H10O	002783-26-8	81
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

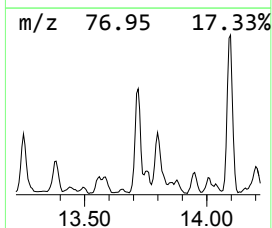
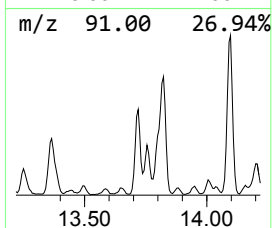
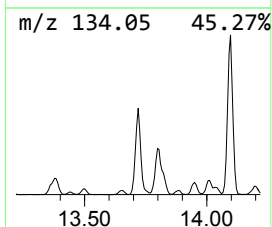
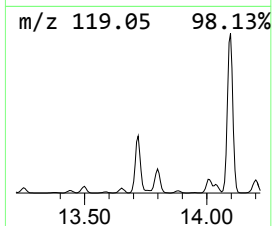
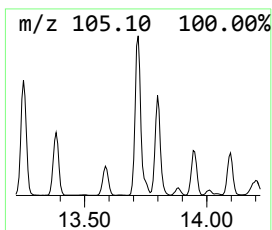
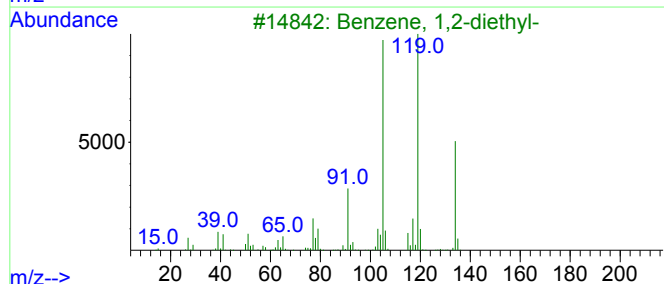
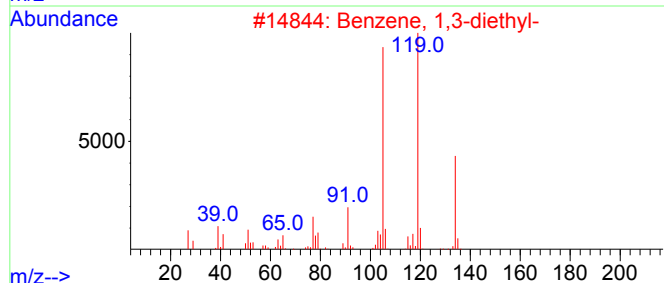
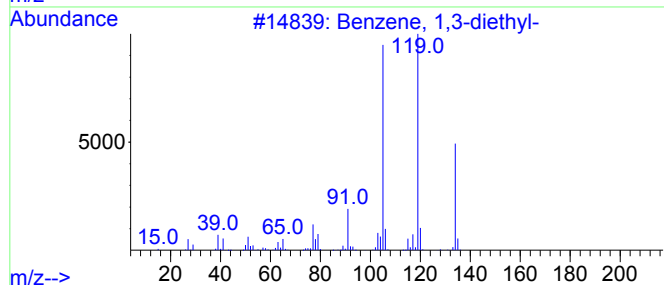
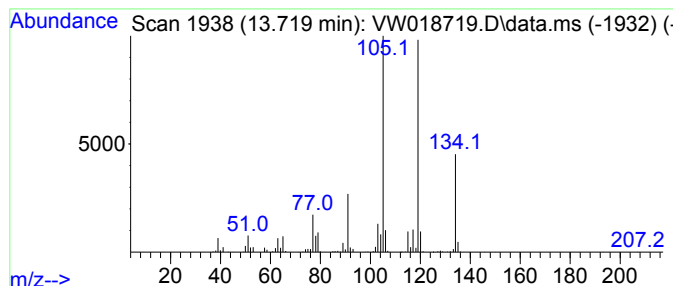
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	10.69 ug/L	949549	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

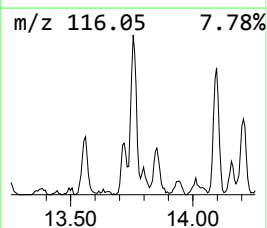
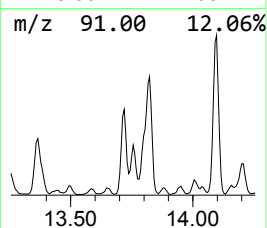
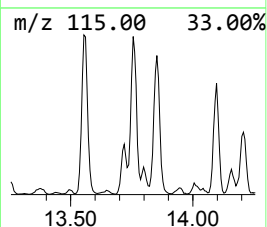
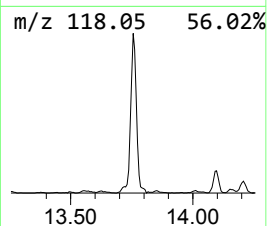
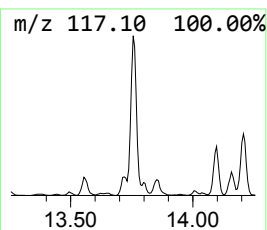
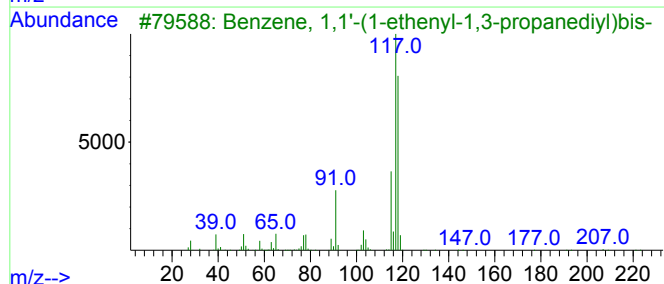
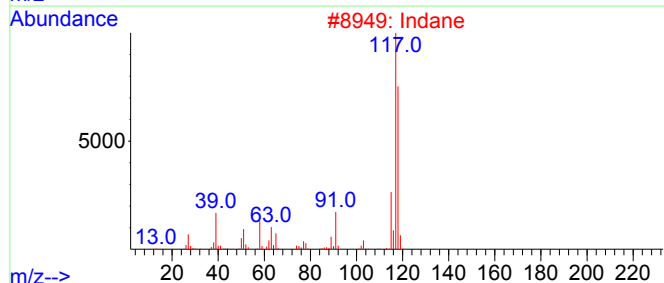
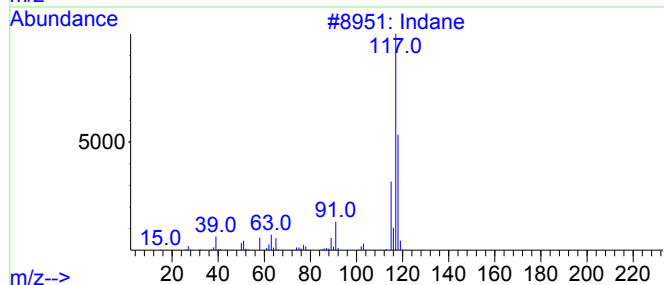
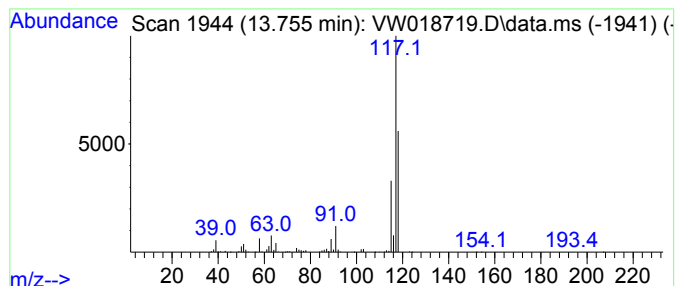
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	6.69 ug/L	593647	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Indane			118	C9H10	000496-11-7	87
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...			222	C17H18	061141-97-7	83
4	Indane			118	C9H10	000496-11-7	83
5	Benzene, 1-propenyl-			118	C9H10	000637-50-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

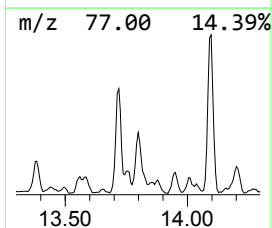
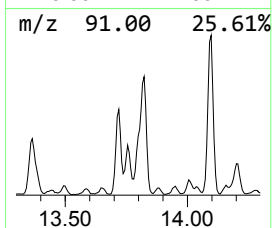
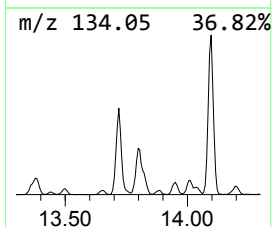
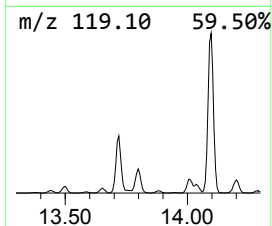
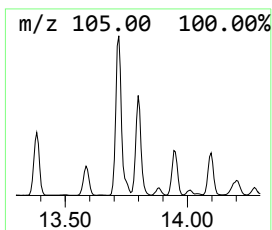
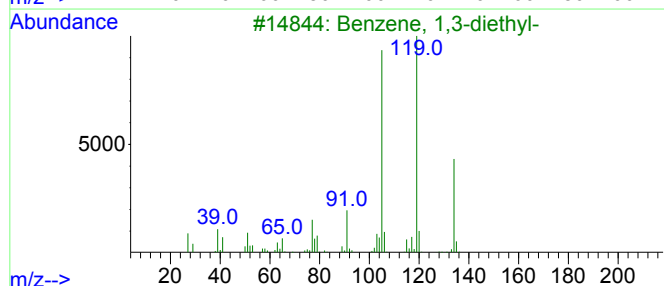
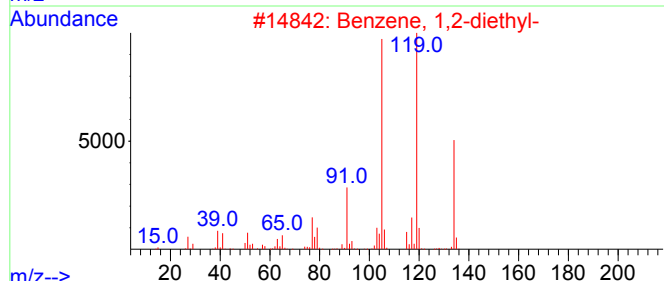
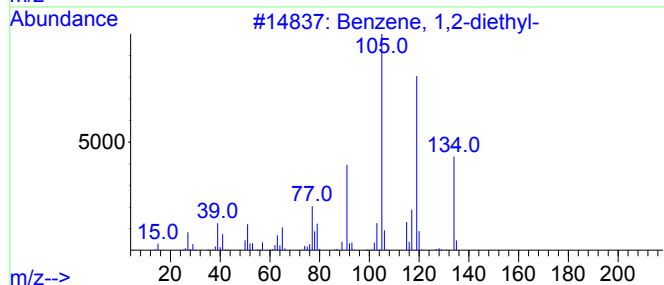
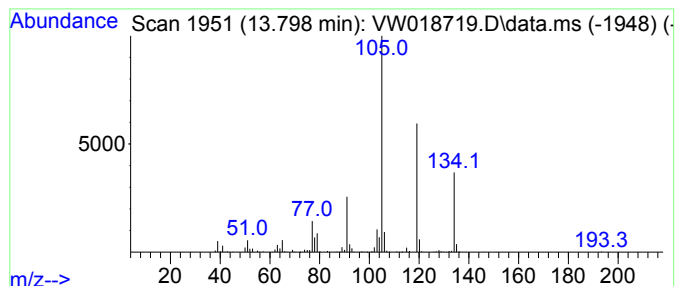
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	6.71 ug/L	595788	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80
5			2-Tolyloxirane	134	C9H10O	002783-26-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

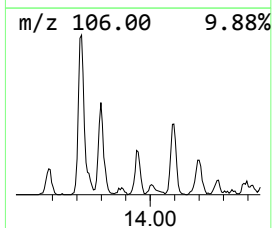
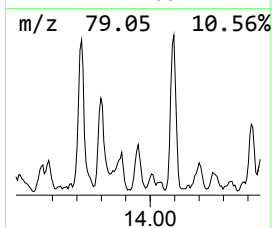
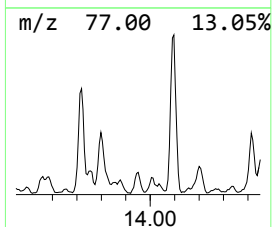
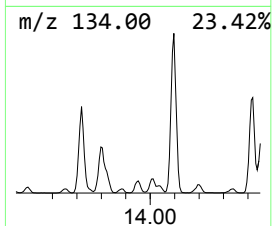
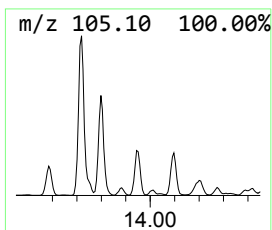
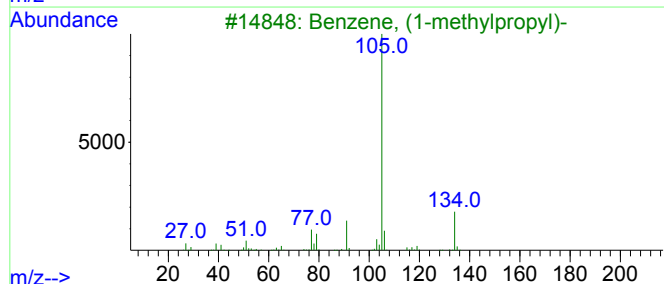
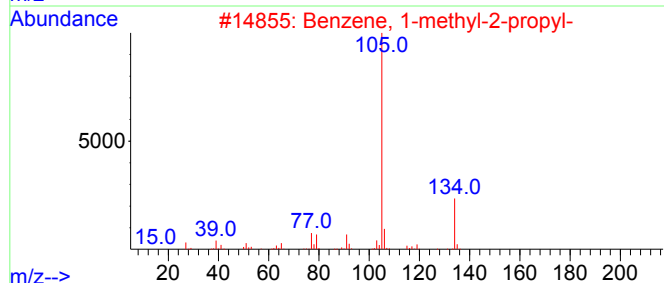
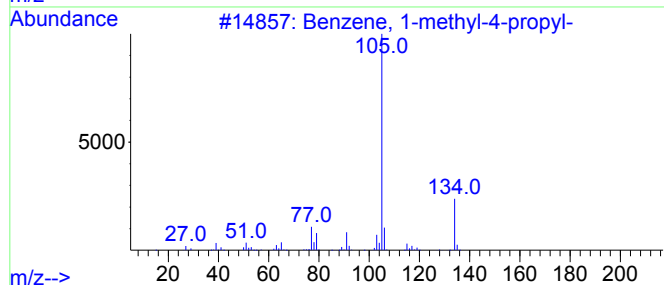
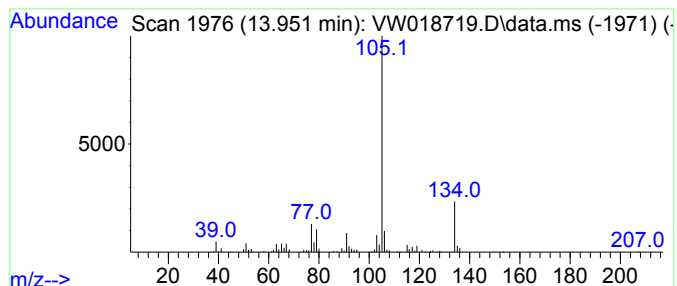
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	1.57 ug/L	139024	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

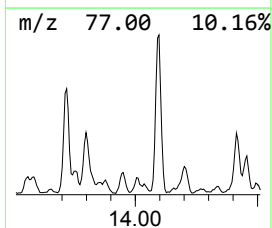
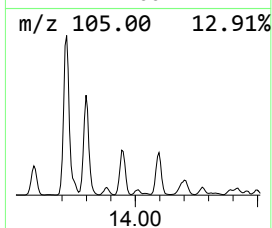
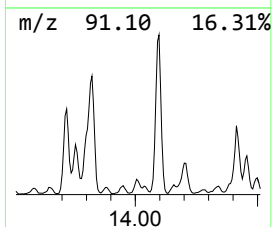
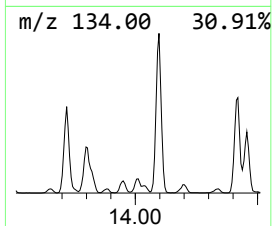
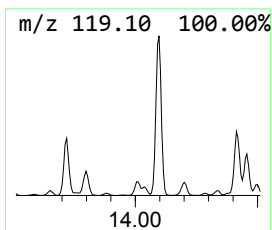
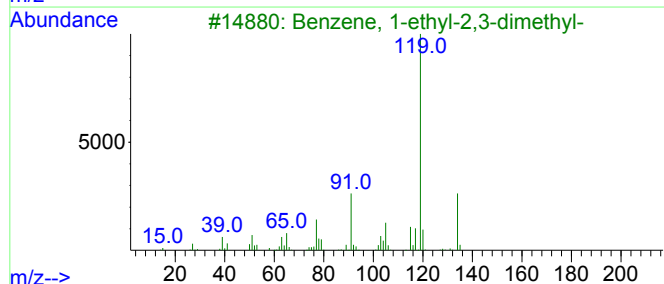
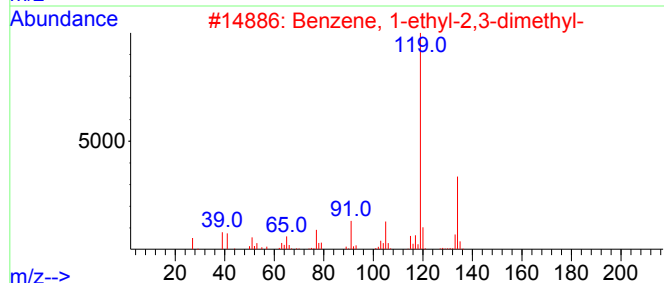
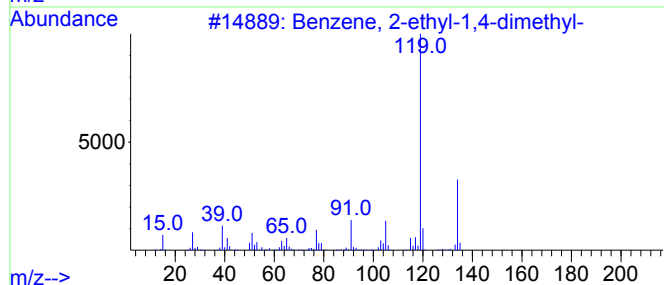
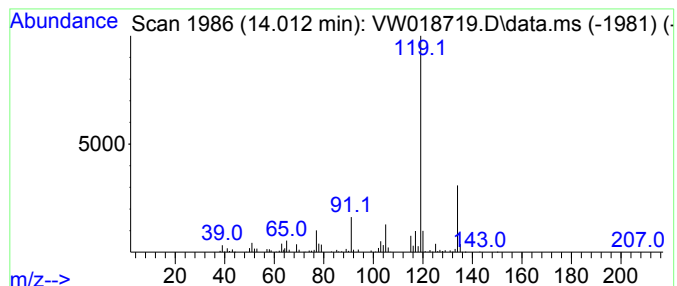
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.012	1.64 ug/L	145521	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

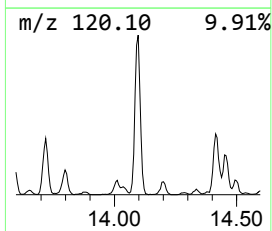
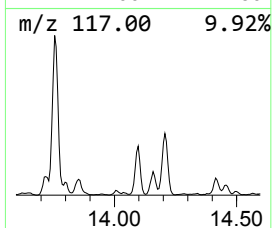
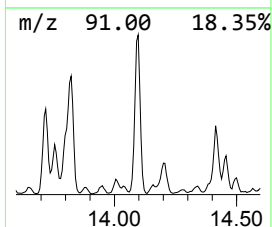
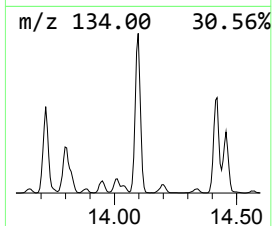
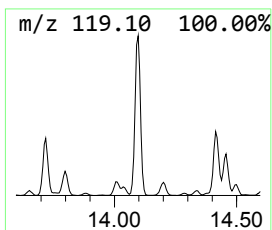
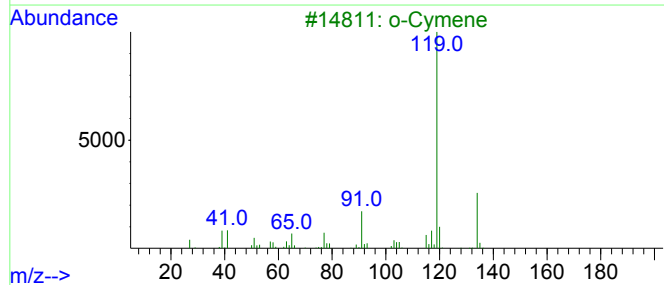
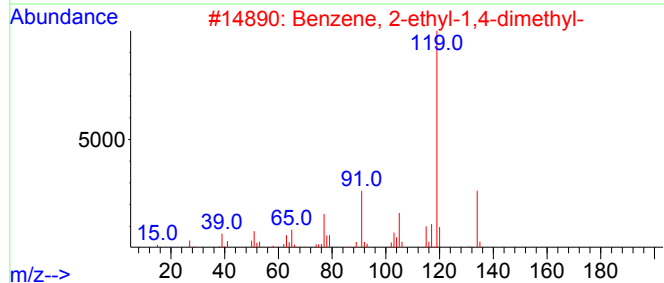
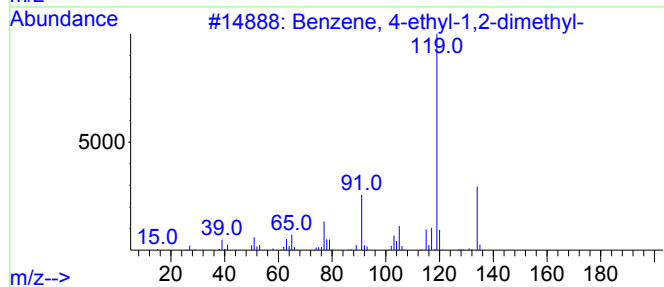
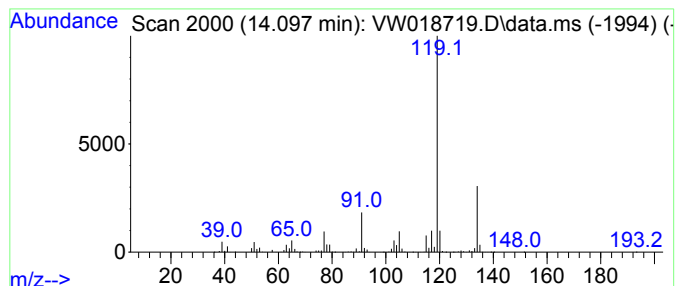
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	18.67 ug/L	1658130	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

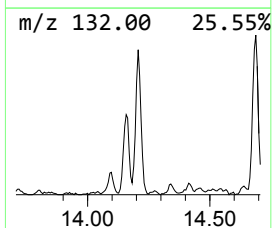
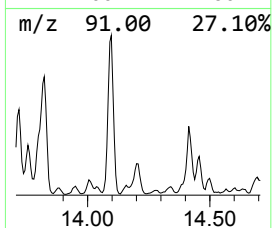
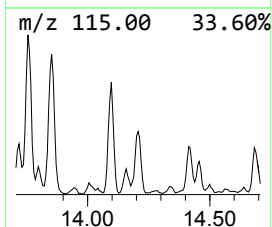
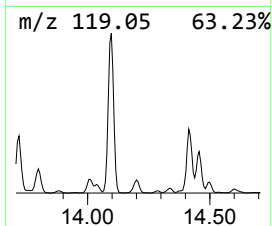
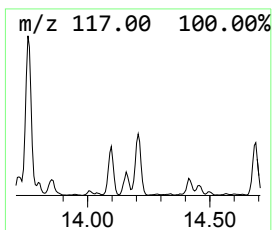
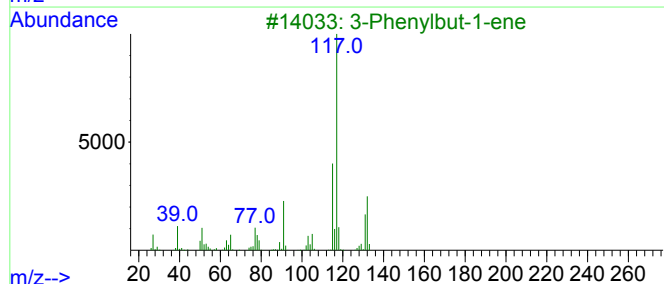
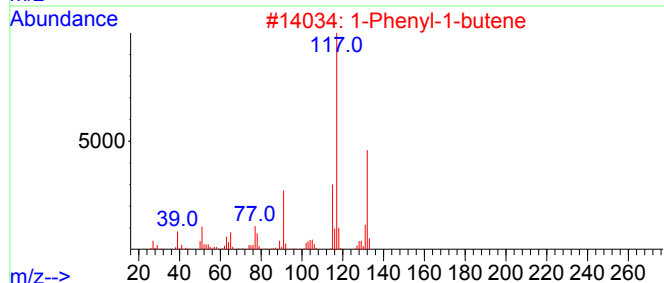
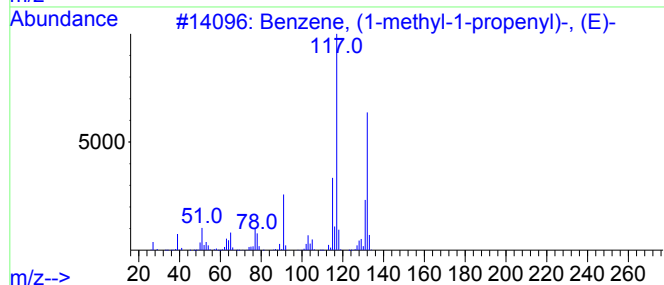
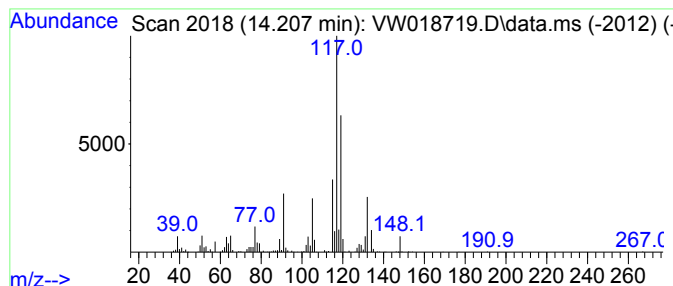
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, (1-methyl-1-propen... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.207	4.61 ug/L	409024	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

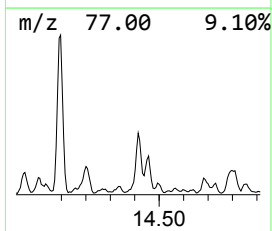
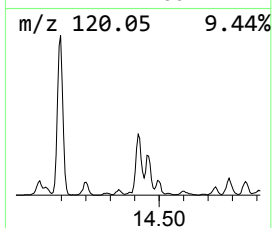
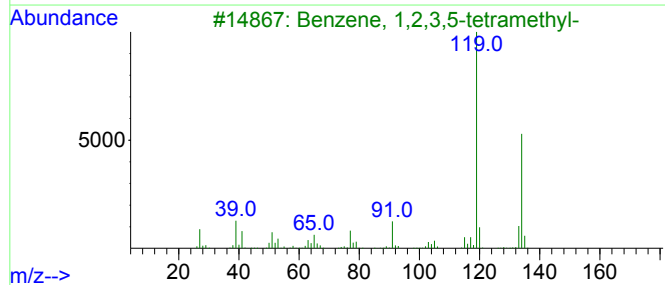
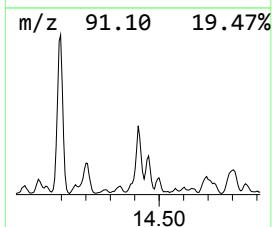
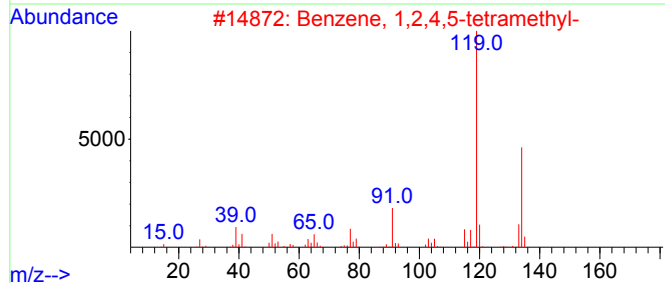
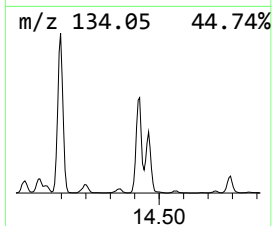
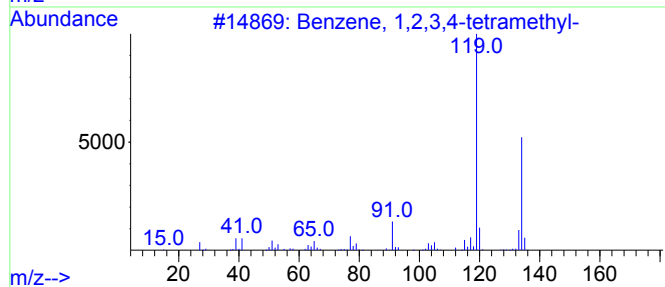
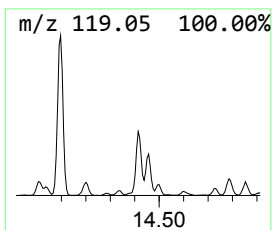
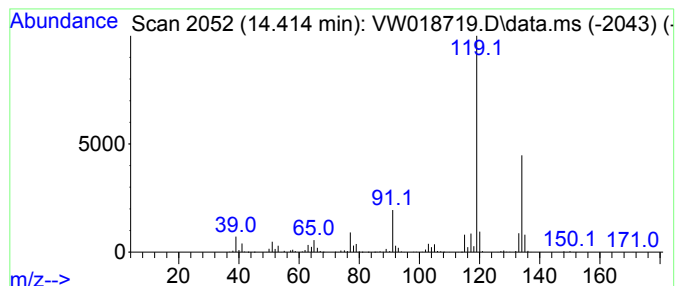
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	8.86 ug/L	786958	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

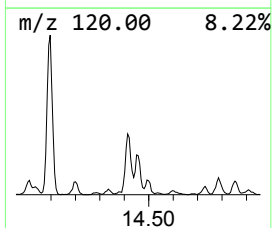
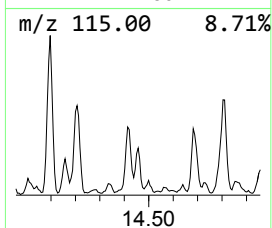
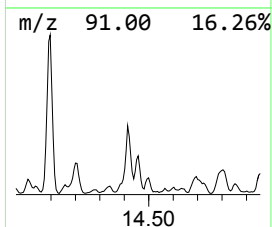
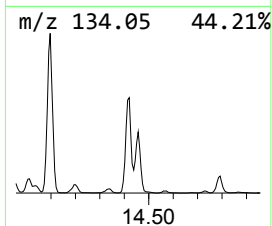
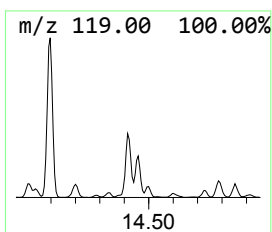
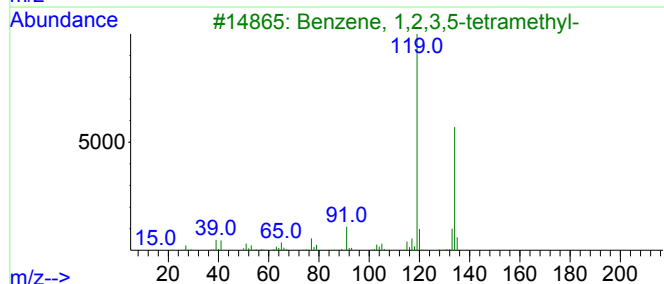
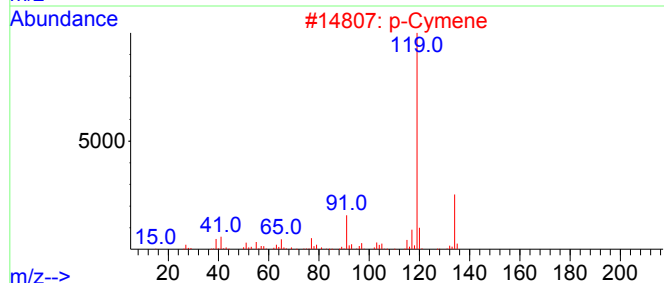
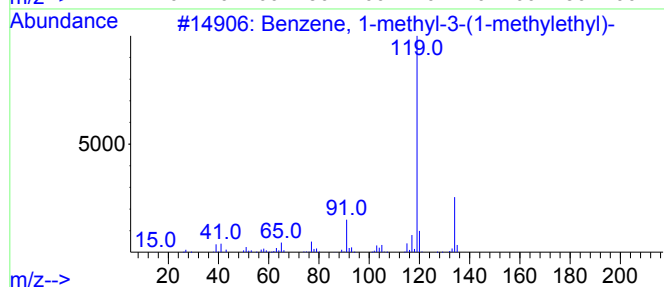
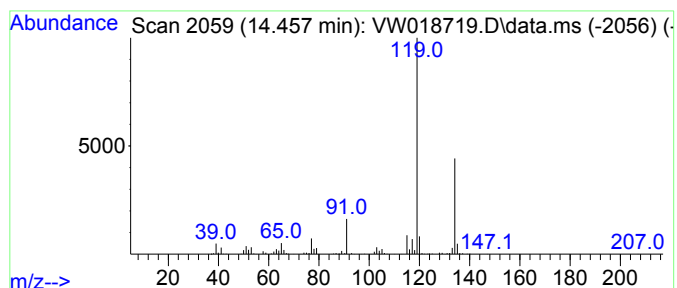
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	4.03 ug/L	357678	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			p-Cymene	134	C10H14	000099-87-6	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

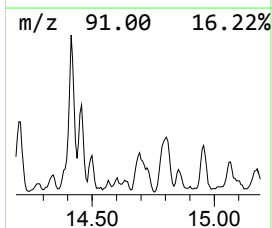
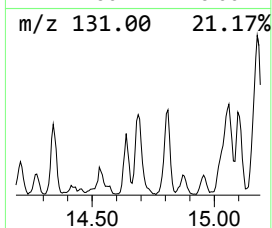
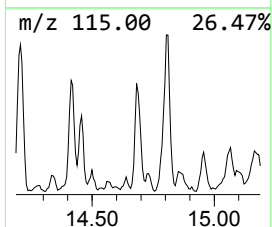
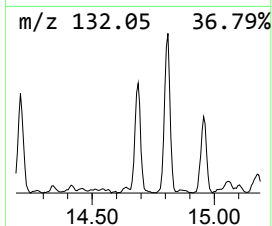
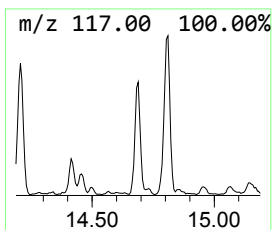
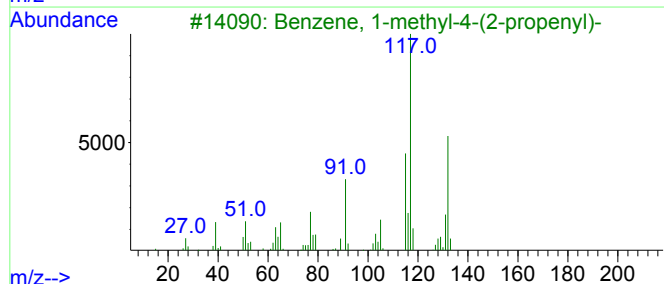
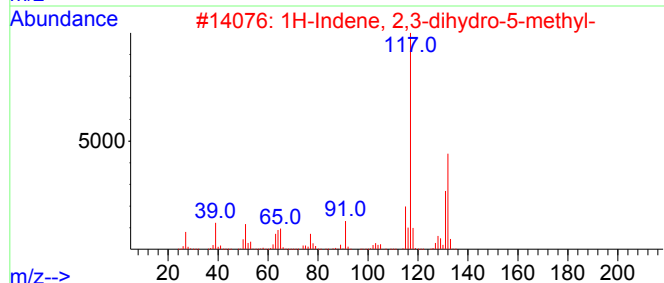
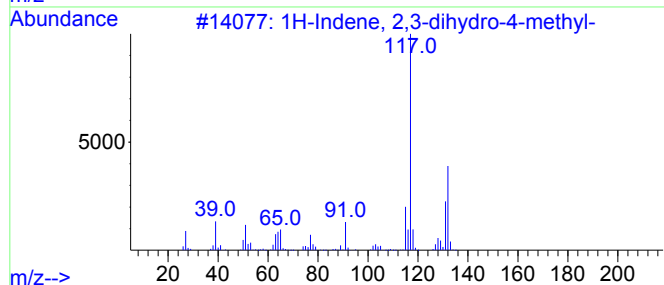
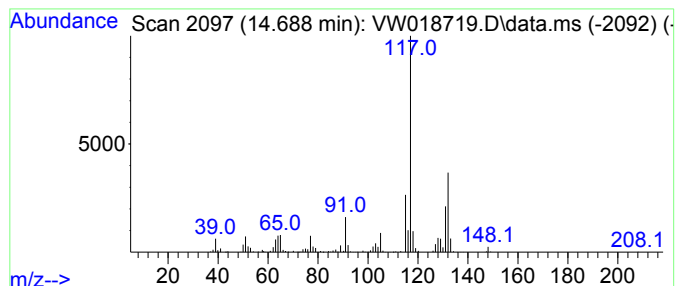
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	2.91 ug/L	258697	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

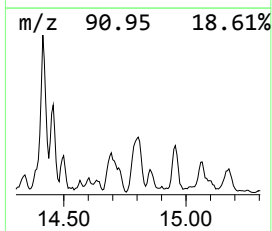
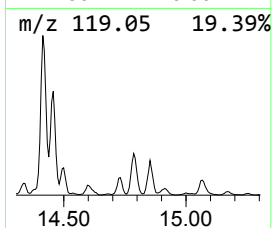
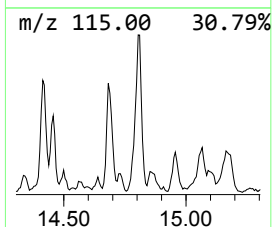
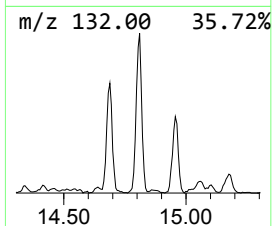
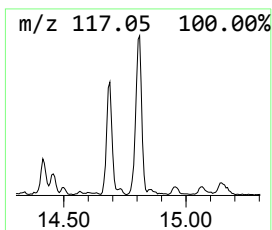
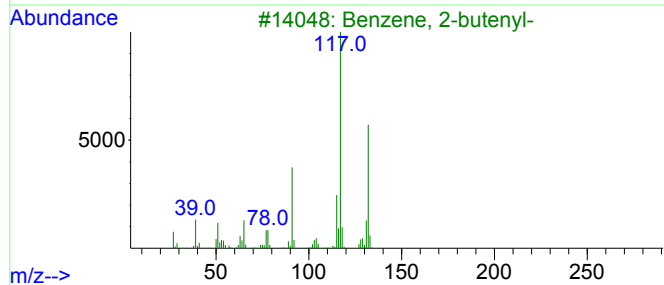
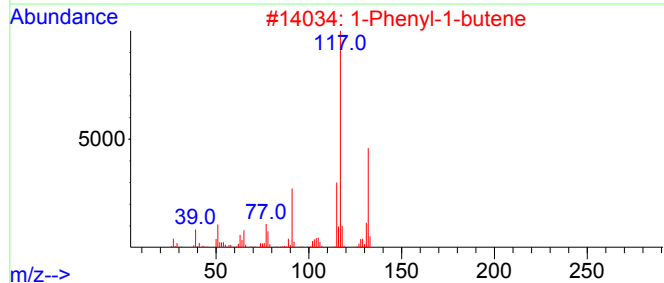
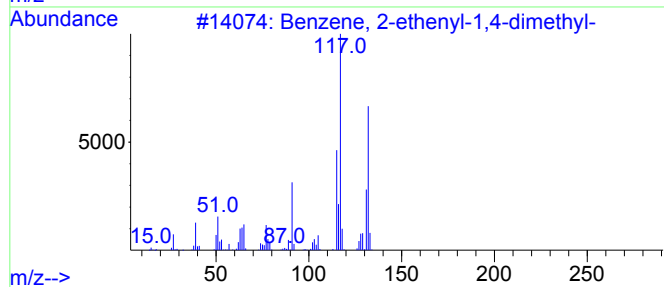
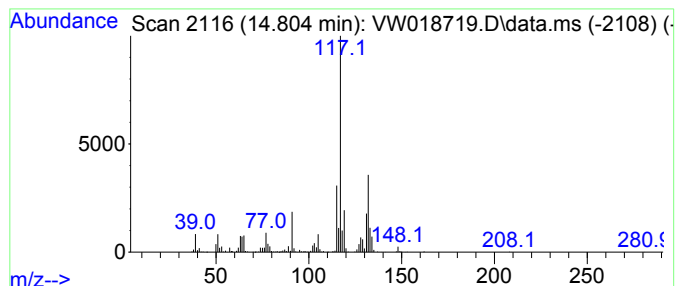
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	6.32 ug/L	561455	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4			Indan, 1-methyl-	132	C10H12	000767-58-8	81
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

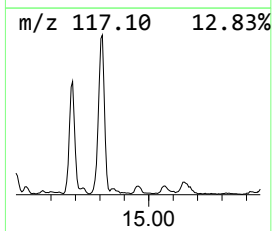
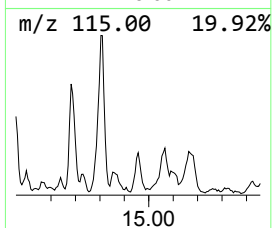
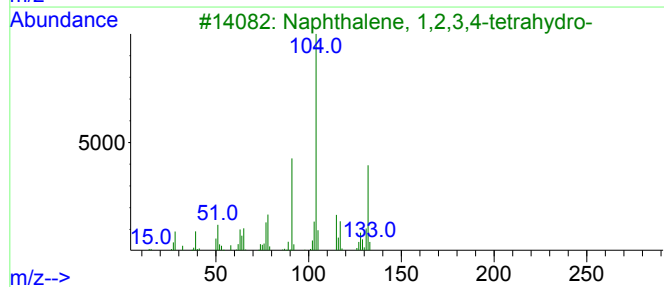
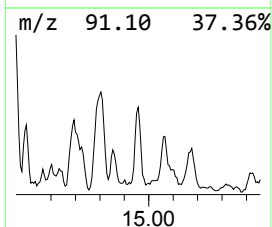
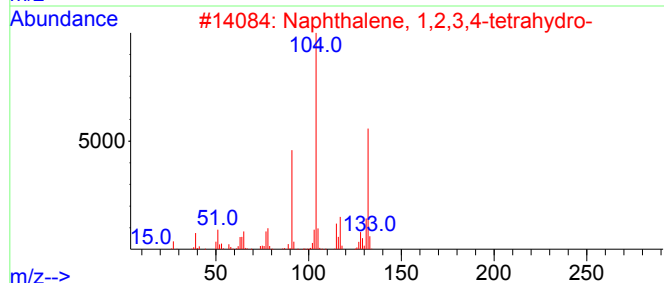
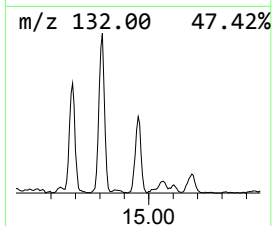
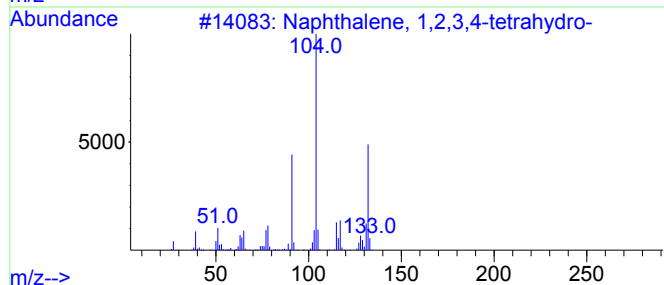
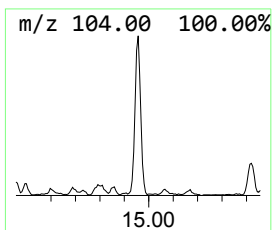
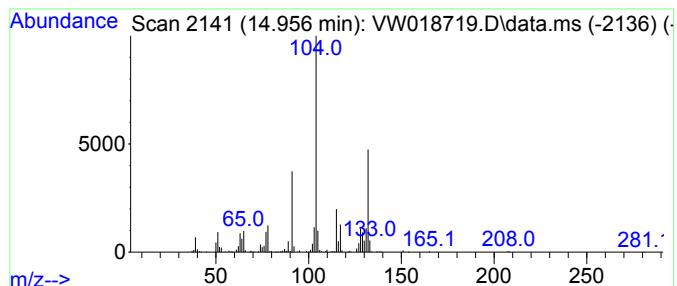
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	1.55 ug/L	138045	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5			Indan, epoxide	132	C9H8O	000768-22-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

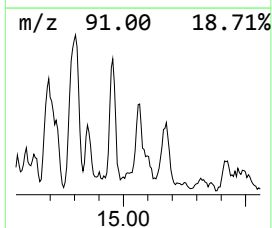
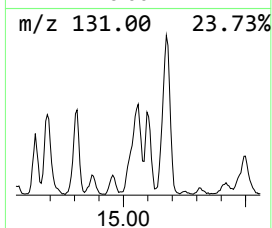
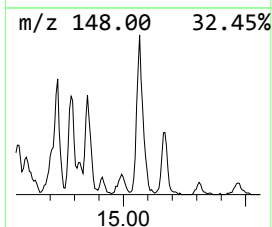
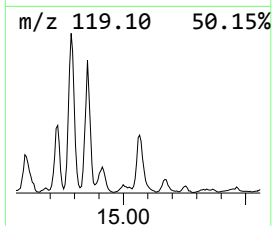
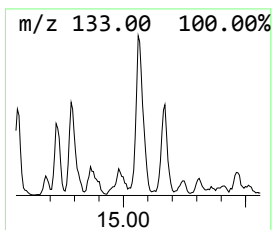
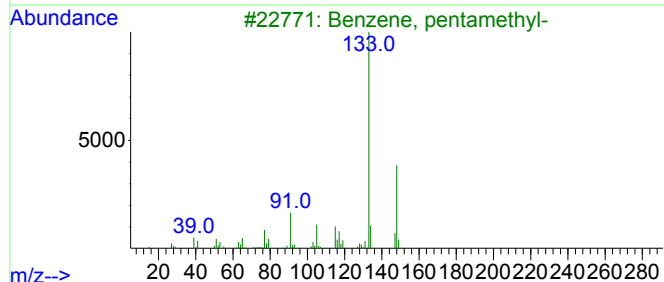
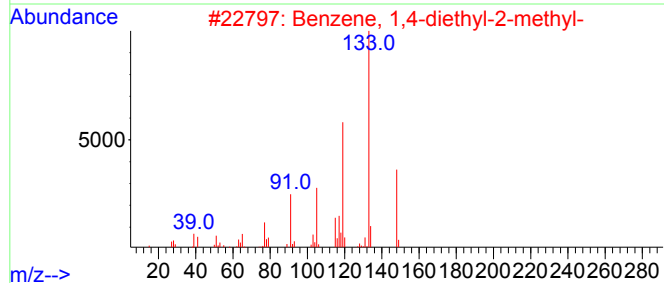
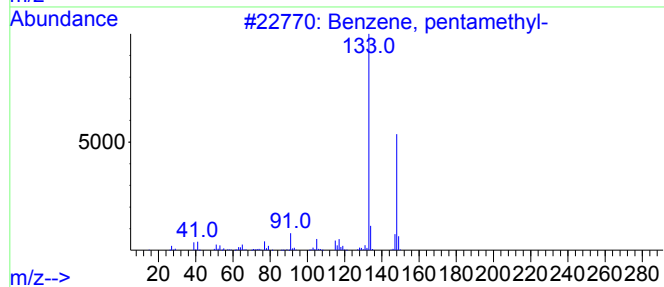
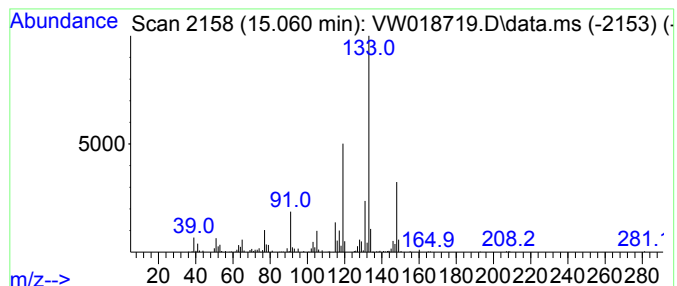
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, pentamethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	2.18 ug/L	193144	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	60
5			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E0AC2

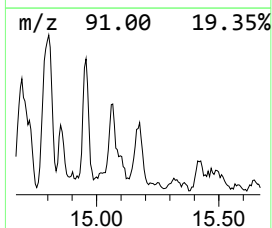
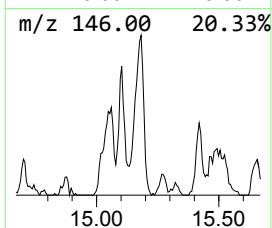
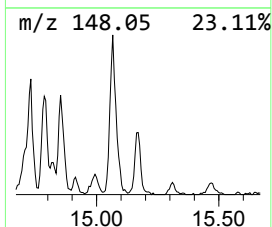
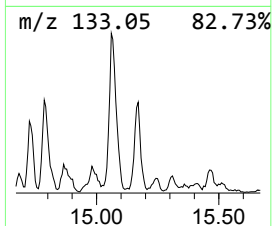
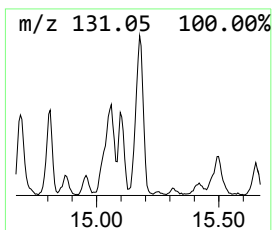
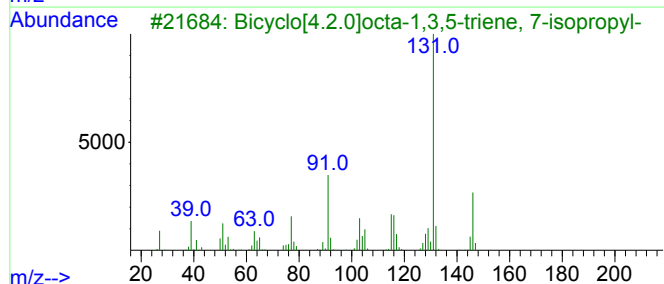
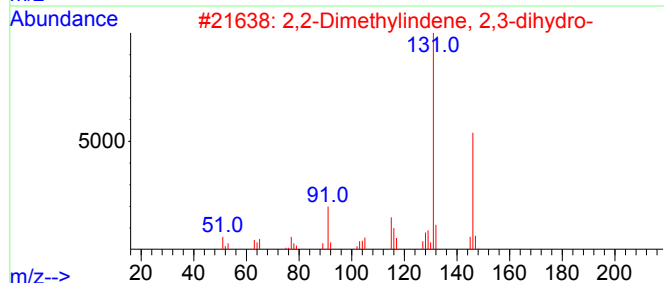
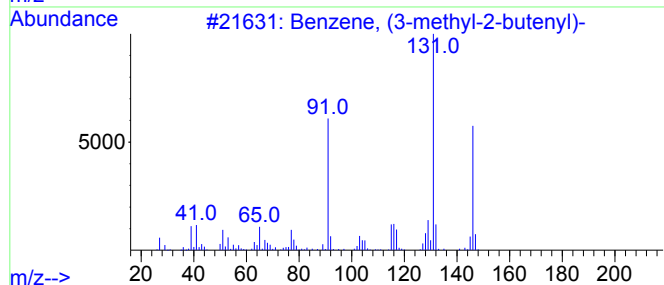
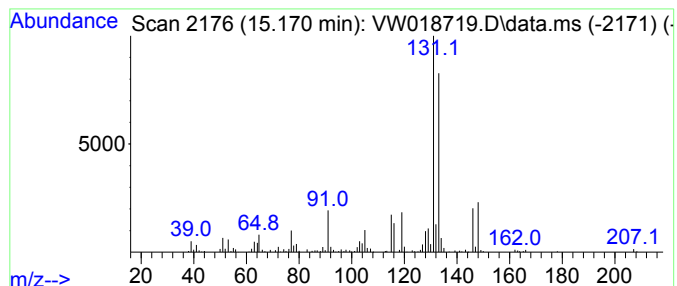
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, (3-methyl-2-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.170	2.32 ug/L	206374	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55
4			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
Data File : VW018719.D
Acq On : 21 Apr 2021 17:57
Operator : SY/VA
Sample : M2129-06
Misc : 4.47G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

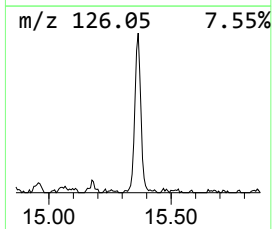
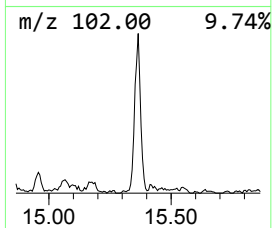
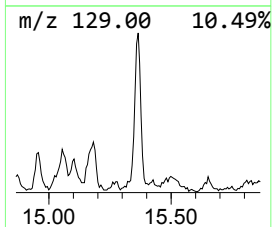
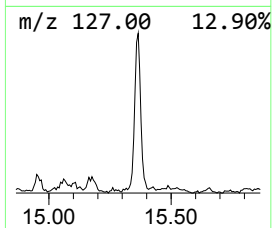
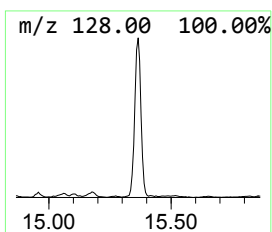
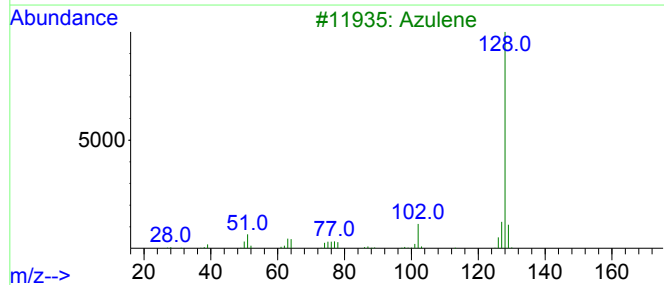
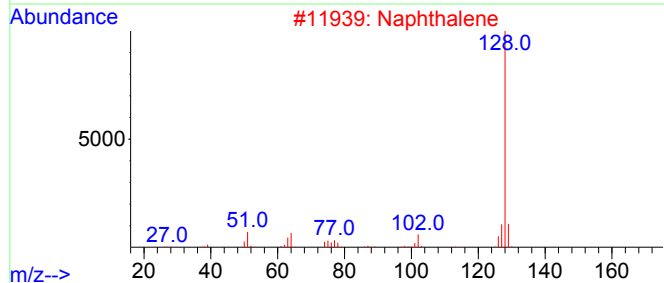
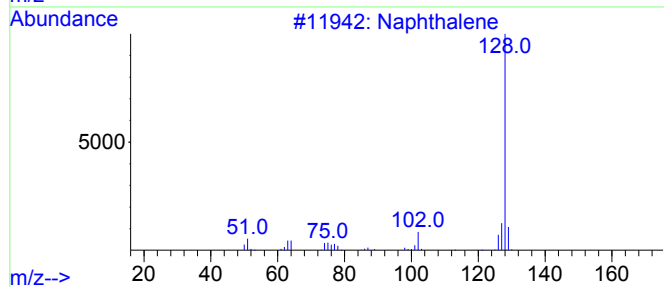
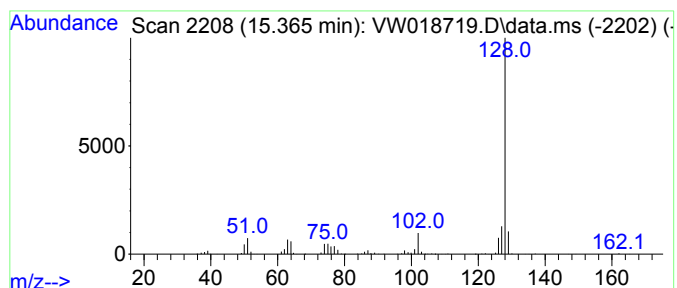
Instrument :
MSVOA_W
ClientSampleId :
E0AC2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Azulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.365	3.10 ug/L	275437	1,4-Dichlorobenzene-d4		13.554	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene		128	C10H8	000091-20-3	95
2	Naphthalene		128	C10H8	000091-20-3	94
3	Azulene		128	C10H8	000275-51-4	94
4	Azulene		128	C10H8	000275-51-4	91
5	Naphthalene		128	C10H8	000091-20-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018719.D
 Acq On : 21 Apr 2021 17:57
 Operator : SY/VA
 Sample : M2129-06
 Misc : 4.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AC2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	5.940	1.5	ug/L	79312	1	8.842	1363730	25.0
(DEL) Alkane: C...	11.177	2.5	ug/L	194740	2	11.634	1910360	25.0
(DEL) Alkane: C...	11.439	2.6	ug/L	198625	2	11.634	1910360	25.0
(DEL) Alkane: C...	11.914	2.7	ug/L	203486	2	11.634	1910360	25.0
(DEL) Alkane: S...	12.140	10.4	ug/L	794998	2	11.634	1910360	25.0
(DEL) Alkane: C...	12.298	2.2	ug/L	169472	2	11.634	1910360	25.0
1H-Indene, octa...	12.341	6.2	ug/L	476637	2	11.634	1910360	25.0
(DEL) Alkane: C...	12.384	6.7	ug/L	511396	2	11.634	1910360	25.0
Benzene, propyl-	12.804	16.1	ug/L	1425950	3	13.554	2219750	25.0
Benzene, 1-ethy...	13.103	7.1	ug/L	628270	3	13.554	2219750	25.0
Pentalene, octa...	13.170	2.7	ug/L	239620	3	13.554	2219750	25.0
Benzene, (1-met...	13.378	3.5	ug/L	312920	3	13.554	2219750	25.0
Benzene, 1,3-di...	13.719	10.7	ug/L	949549	3	13.554	2219750	25.0
Indane	13.756	6.7	ug/L	593647	3	13.554	2219750	25.0
Benzene, 1,2-di...	13.798	6.7	ug/L	595788	3	13.554	2219750	25.0
Benzene, 1-meth...	13.951	1.6	ug/L	139024	3	13.554	2219750	25.0
Benzene, 2-ethy...	14.012	1.6	ug/L	145521	3	13.554	2219750	25.0
Benzene, 4-ethy...	14.097	18.7	ug/L	1658130	3	13.554	2219750	25.0
Benzene, (1-met...	14.207	4.6	ug/L	409024	3	13.554	2219750	25.0
Benzene, 1,2,3,...	14.414	8.9	ug/L	786958	3	13.554	2219750	25.0
Benzene, 1-meth...	14.457	4.0	ug/L	357678	3	13.554	2219750	25.0
1H-Indene, 2,3-...	14.688	2.9	ug/L	258697	3	13.554	2219750	25.0
Benzene, 2-ethe...	14.804	6.3	ug/L	561455	3	13.554	2219750	25.0
Naphthalene, 1,...	14.957	1.6	ug/L	138045	3	13.554	2219750	25.0
Benzene, pentam...	15.060	2.2	ug/L	193144	3	13.554	2219750	25.0
Benzene, (3-met...	15.170	2.3	ug/L	206374	3	13.554	2219750	25.0
Azulene	15.365	3.1	ug/L	275437	3	13.554	2219750	25.0