

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077533.D
 Acq On : 09 Nov 2023 13:57
 Operator : JC/SY
 Sample : 05296-02
 Misc : 4.59G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH3R2

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\SFAMDLM110923SMA.M
 Title : SFAM01.0

Signal : TIC: VD077533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	12	18	19	rBV	11356	15325	0.01%	0.002%
2	1.746	19	27	42	rVB	3291069	5253075	3.84%	0.761%
3	1.887	49	51	55	rVB4	4881	5242	0.00%	0.001%
4	2.146	92	95	96	rBV2	3248	3061	0.00%	0.000%
5	2.275	111	117	126	rVV	308006	460813	0.34%	0.067%
6	2.422	138	142	150	rVB	28493	49127	0.04%	0.007%
7	2.804	200	207	217	rBV	223298	409901	0.30%	0.059%
8	3.922	385	397	408	rBV	294541	787489	0.58%	0.114%
9	4.028	408	415	424	rVB2	18991	55503	0.04%	0.008%
10	4.498	493	495	499	rVV3	2227	3058	0.00%	0.000%
11	4.804	535	547	561	rBV3	33118	108684	0.08%	0.016%
12	5.304	625	632	637	rBV5	3498	7430	0.01%	0.001%
13	5.704	697	700	705	rVB3	1926	2983	0.00%	0.000%
14	5.834	716	722	723	rBV3	4617	6247	0.00%	0.001%
15	6.522	834	839	842	rBV3	1921	3296	0.00%	0.000%
16	6.810	883	888	891	rBV4	2326	4179	0.00%	0.001%
17	6.987	908	918	923	rBV	56878	148814	0.11%	0.022%
18	7.081	923	934	953	rVB	4973808	13287704	9.72%	1.926%
19	7.569	1006	1017	1029	rVV	323250	826297	0.60%	0.120%
20	8.204	1113	1125	1143	rBV2	701826	2122962	1.55%	0.308%
21	8.634	1196	1198	1204	rVB3	4769	6393	0.00%	0.001%
22	8.781	1214	1223	1236	rBV	824613	1651583	1.21%	0.239%
23	9.028	1248	1265	1283	rBV	2655036	5370625	3.93%	0.779%
24	9.210	1288	1296	1304	rBV	448764	942746	0.69%	0.137%
25	9.457	1333	1338	1339	rBV4	3779	5988	0.00%	0.001%
26	9.528	1345	1350	1351	rBV3	4387	6667	0.00%	0.001%
27	9.698	1373	1379	1387	rVB4	15301	31163	0.02%	0.005%
28	9.845	1395	1404	1409	rBV3	21665	45428	0.03%	0.007%
29	9.910	1409	1415	1419	rVV	89106	171453	0.13%	0.025%
30	9.981	1422	1427	1433	rVV2	268750	500538	0.37%	0.073%
31	10.051	1433	1439	1452	rVB	111381	282145	0.21%	0.041%
32	10.163	1452	1458	1460	rBV5	12906	24699	0.02%	0.004%
33	10.198	1461	1464	1468	rVB4	15469	22600	0.02%	0.003%
34	10.269	1469	1476	1482	rBV	1254185	2423026	1.77%	0.351%
35	10.333	1482	1487	1495	rVB	1066175	1970015	1.44%	0.286%
36	10.457	1500	1508	1514	rVB	485175	872973	0.64%	0.127%

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Integrator: RTE

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Stop Thrs : 0

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Title : SFAM01.0

37	10.528	1514	1520	1526	rBV	171452	300588	0.22%	0.044%
38	10.616	1529	1535	1541	rVB2	264551	476282	0.35%	0.069%
39	10.669	1541	1544	1546	rBV2	10800	16529	0.01%	0.002%
40	10.710	1546	1551	1557	rBV2	200785	381128	0.28%	0.055%
41	10.816	1560	1569	1577	rBV	56566521	98577831	72.10%	14.290%
42	10.881	1577	1580	1589	rVB3	345357	661159	0.48%	0.096%
43	10.945	1589	1591	1594	rBV4	11328	12635	0.01%	0.002%
44	10.992	1594	1599	1606	rBV	113670	232758	0.17%	0.034%
45	11.063	1606	1611	1614	rBV2	176602	293297	0.21%	0.043%
46	11.128	1618	1622	1627	rVB	398308	655487	0.48%	0.095%
47	11.181	1627	1631	1637	rVB	197485	331460	0.24%	0.048%
48	11.233	1637	1640	1645	rBV	47694	64062	0.05%	0.009%
49	11.298	1646	1651	1655	rBV3	96557	169624	0.12%	0.025%
50	11.380	1659	1665	1676	rVB4	359564	1014021	0.74%	0.147%
51	11.475	1676	1681	1692	rVB	203786	360291	0.26%	0.052%
52	11.610	1692	1704	1710	rBV2	6277928	12029497	8.80%	1.744%
53	11.686	1710	1717	1727	rVB	22100318	36046189	26.36%	5.225%
54	11.786	1727	1734	1738	rBV2	61404450	124628875	91.15%	18.066%
55	12.004	1767	1771	1774	rBV3	19908	31278	0.02%	0.005%
56	12.122	1779	1791	1804	rBV2	63779381	136725513	100.00%	19.820%
57	12.422	1836	1842	1850	rVB	1250650	1990574	1.46%	0.289%
58	12.580	1864	1869	1875	rVB	309174	526681	0.39%	0.076%
59	12.651	1876	1881	1887	rBV	286563	508558	0.37%	0.074%
60	12.763	1895	1900	1905	rVB	867662	1370307	1.00%	0.199%
61	12.827	1905	1911	1914	rBV	2835519	4623329	3.38%	0.670%
62	12.904	1920	1924	1929	rVB	1375505	2046897	1.50%	0.297%
63	12.951	1929	1932	1936	rVB	220694	299561	0.22%	0.043%
64	13.063	1945	1951	1959	rBV	723633	1217801	0.89%	0.177%
65	13.133	1959	1963	1965	rBV2	66303	96878	0.07%	0.014%
66	13.216	1971	1977	1983	rBV	2444270	3832057	2.80%	0.556%
67	13.304	1988	1992	1996	rBV2	107289	162099	0.12%	0.023%
68	13.375	2002	2004	2008	rBV	68536	88155	0.06%	0.013%
69	13.457	2012	2018	2024	rBV	2993534	4796668	3.51%	0.695%
70	13.539	2024	2032	2047	rVB	14794377	24668791	18.04%	3.576%
71	13.686	2053	2057	2058	rBV	106918	139125	0.10%	0.020%
72	13.716	2058	2062	2065	rVV2	433415	694978	0.51%	0.101%
73	13.757	2065	2069	2074	rVV2	596811	1111058	0.81%	0.161%
74	13.833	2074	2082	2089	rVV2	7926702	13754560	10.06%	1.994%
75	13.916	2092	2096	2100	rVV	203146	306084	0.22%	0.044%
76	13.974	2101	2106	2109	rVV	415286	726063	0.53%	0.105%

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 Title : SFAM01.0

77	14.004	2109	2111	2116	rVV	513588	717799	0.52%	0.104%
78	14.063	2116	2121	2127	rVB	1062021	1624606	1.19%	0.236%
79	14.169	2134	2139	2144	rBV2	306512	495149	0.36%	0.072%
80	14.227	2145	2149	2151	rBV4	76135	134258	0.10%	0.019%
81	14.304	2157	2162	2166	rBV	292273	480695	0.35%	0.070%
82	14.386	2172	2176	2179	rBV	745330	1026295	0.75%	0.149%
83	14.427	2179	2183	2187	rVB	1249021	1797335	1.31%	0.261%
84	14.469	2187	2190	2194	rVB2	163664	184621	0.14%	0.027%
85	14.545	2198	2203	2209	rVV	2344530	3721106	2.72%	0.539%
86	14.598	2209	2212	2218	rVB2	320762	536531	0.39%	0.078%
87	14.657	2218	2222	2225	rBV	241104	374399	0.27%	0.054%
88	14.698	2225	2229	2234	rVB2	441319	638141	0.47%	0.093%
89	14.786	2234	2244	2248	rBV3	878791	2457647	1.80%	0.356%
90	14.892	2256	2262	2266	rBV	707130	1224892	0.90%	0.178%
91	15.039	2282	2287	2290	rBV2	304746	521233	0.38%	0.076%
92	15.104	2290	2298	2311	rVB	65454146	111636577	81.65%	16.183%
93	15.333	2332	2337	2343	rVB	376517	644730	0.47%	0.093%
94	15.439	2352	2355	2359	rBV2	62725	101816	0.07%	0.015%
95	15.521	2361	2369	2379	rVB	21917752	38854773	28.42%	5.632%
96	15.792	2411	2415	2419	rBV2	115668	189211	0.14%	0.027%
97	16.233	2483	2490	2499	rVB2	424430	899755	0.66%	0.130%
98	16.339	2502	2508	2512	rBV4	83523	184319	0.13%	0.027%
99	16.404	2513	2519	2525	rVV	297162	582464	0.43%	0.084%
100	16.563	2535	2546	2560	rBV	2955328	6951399	5.08%	1.008%

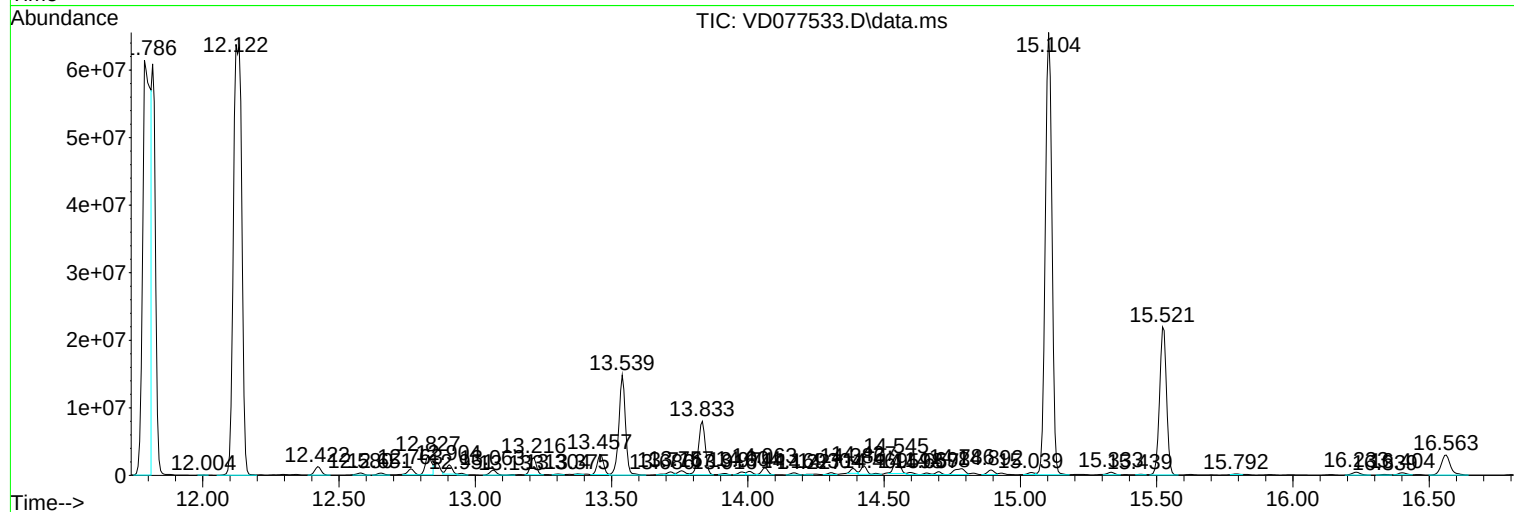
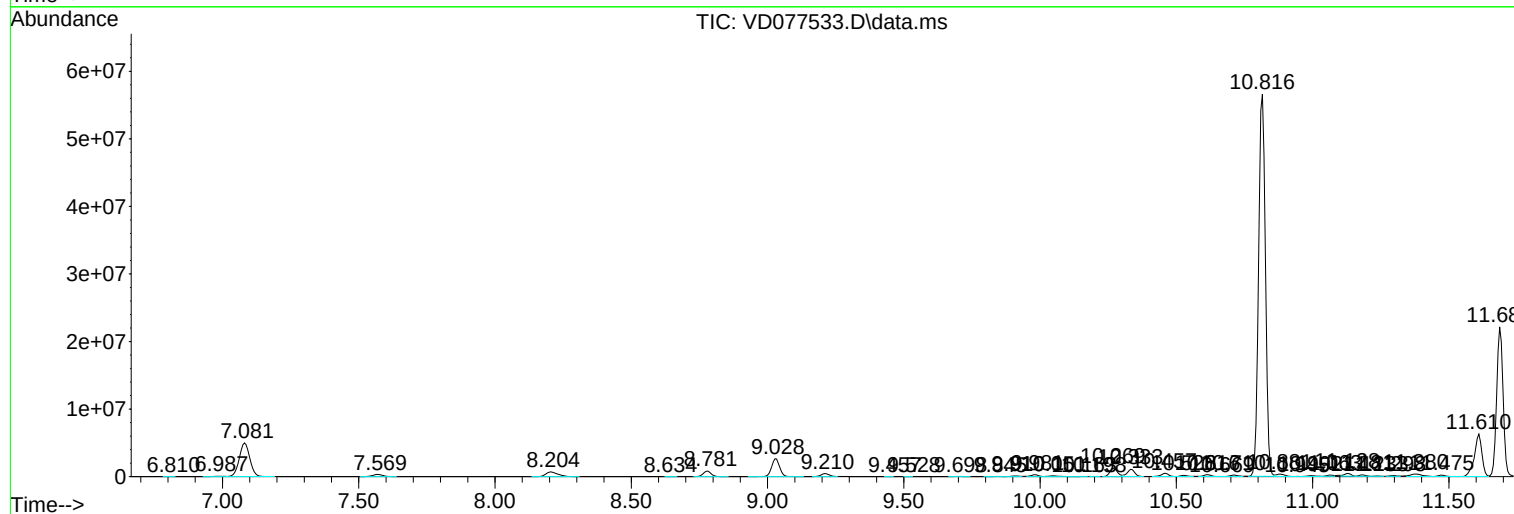
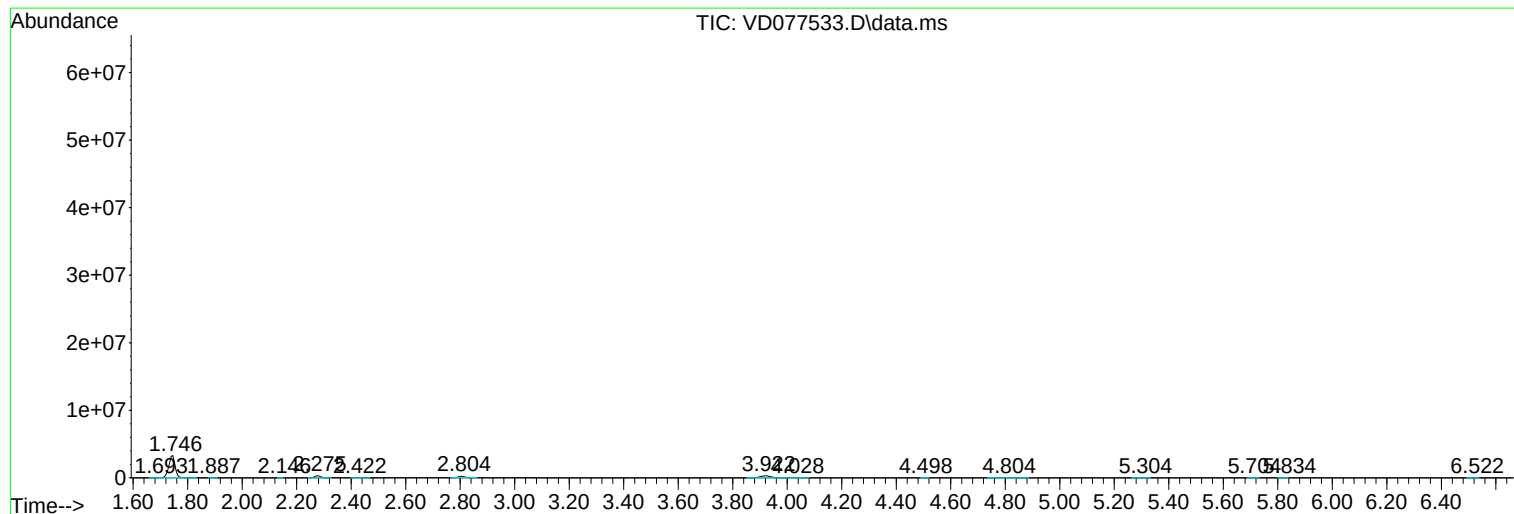
Sum of corrected areas: 689837711

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Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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



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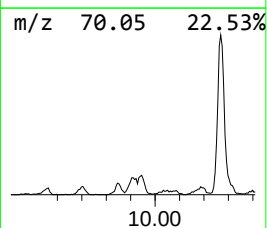
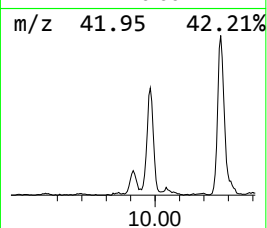
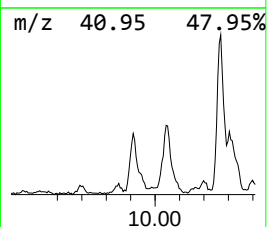
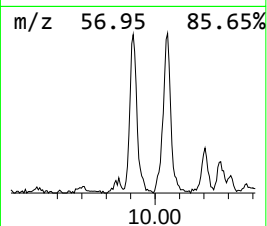
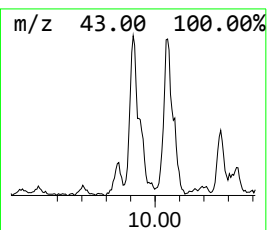
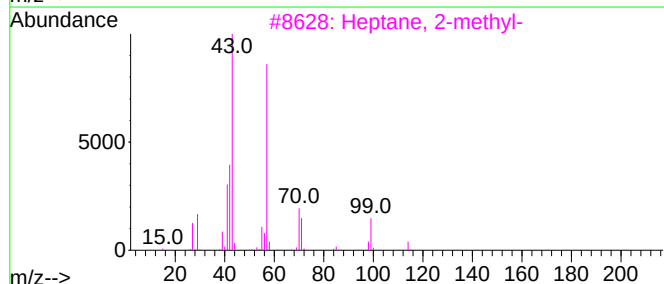
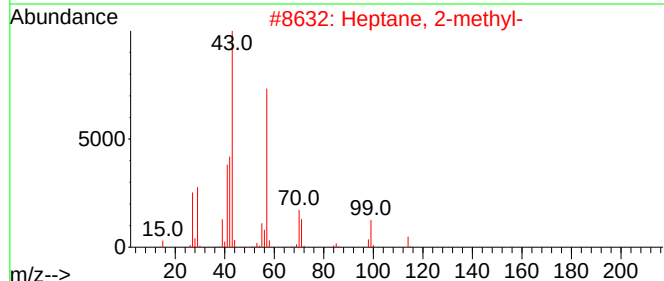
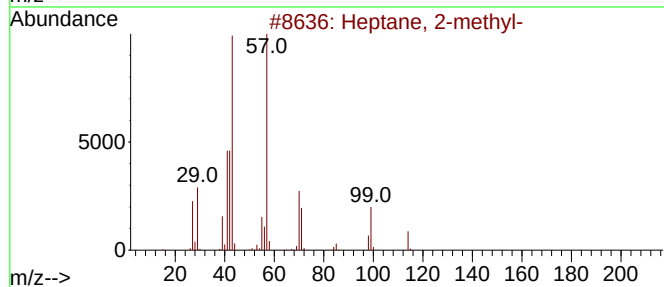
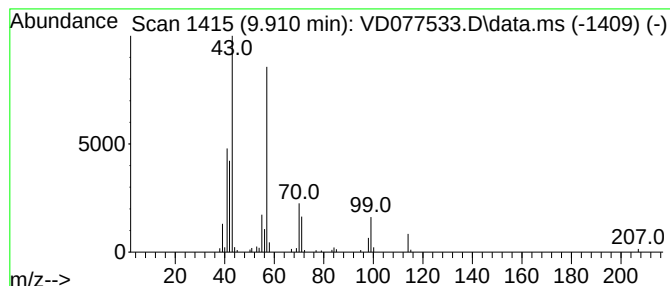
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.910	2.60 ug/L	171453	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
5			Butane, 1-(ethenyl-)-3-methyl-	114	C7H14O	039782-38-2	43



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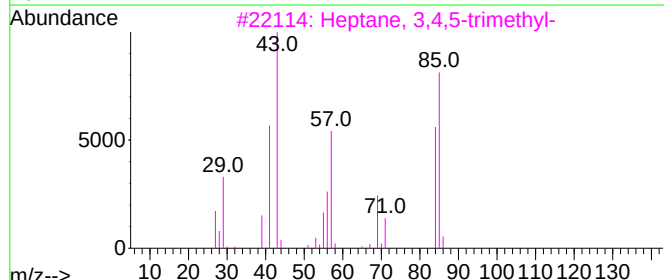
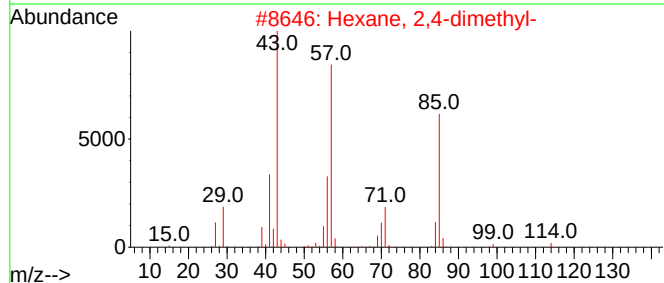
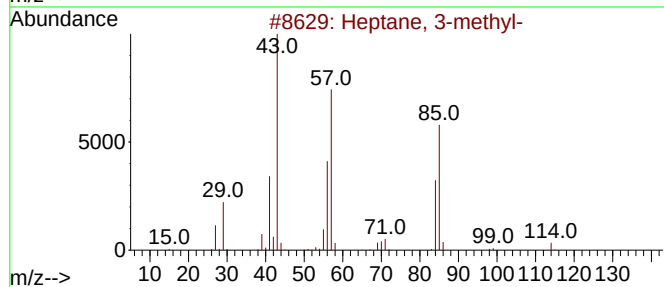
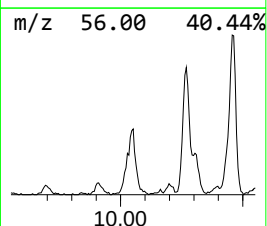
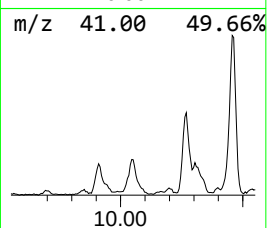
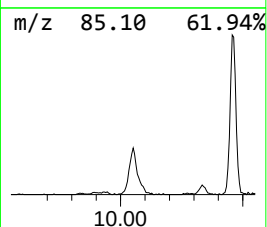
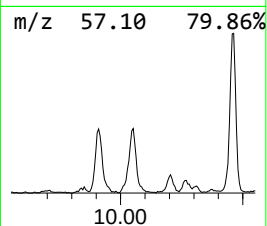
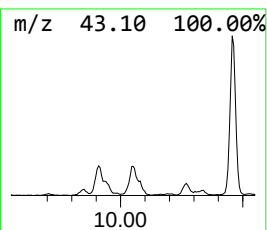
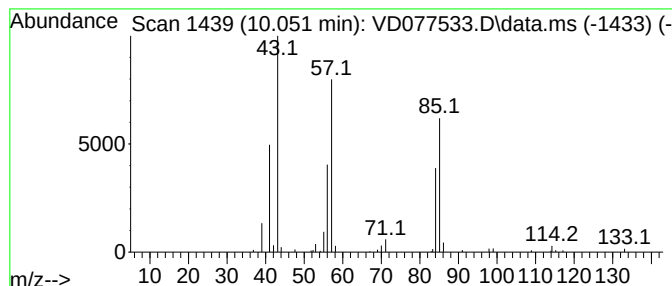
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.051	4.27 ug/L	282145	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5			Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	64



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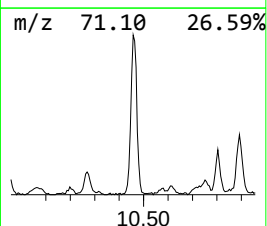
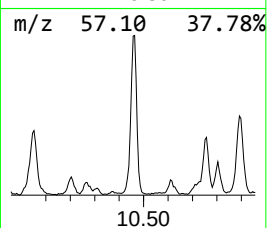
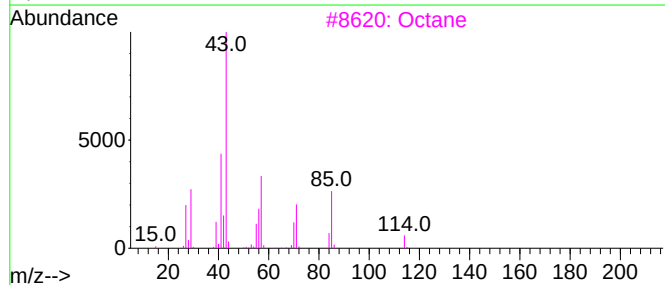
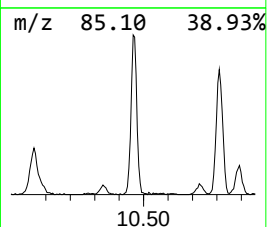
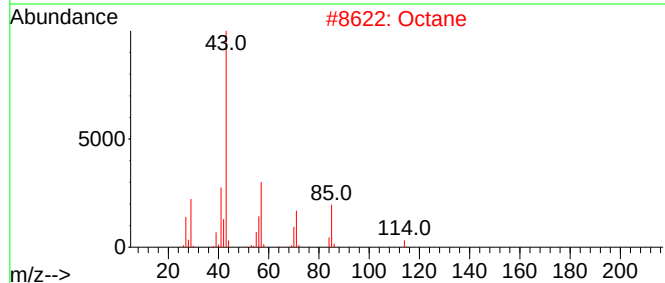
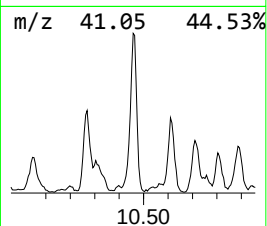
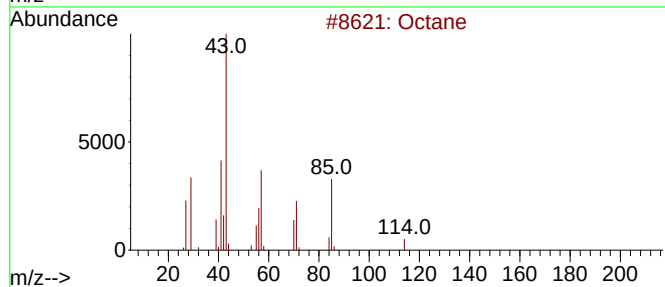
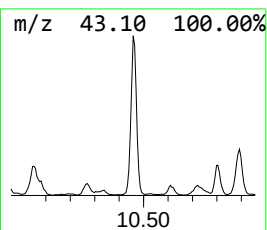
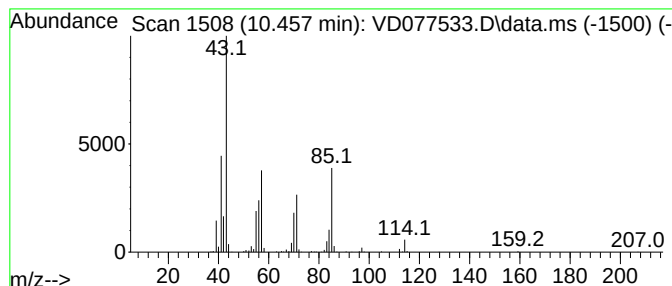
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	1.81 ug/L	872973	Chlorobenzene-d5	11.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	94
2	Octane			114	C8H18	000111-65-9	91
3	Octane			114	C8H18	000111-65-9	91
4	Octane			114	C8H18	000111-65-9	86
5	Octane			114	C8H18	000111-65-9	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

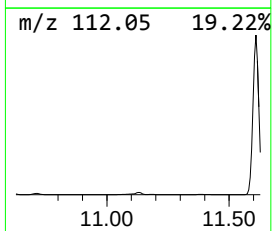
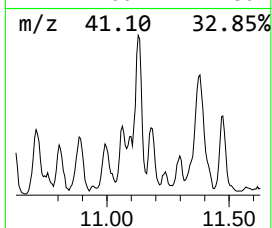
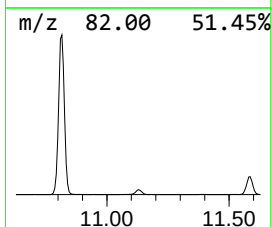
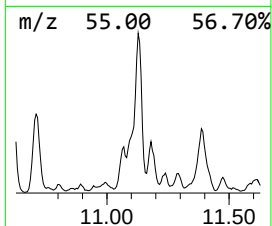
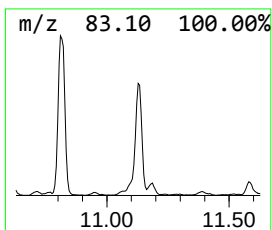
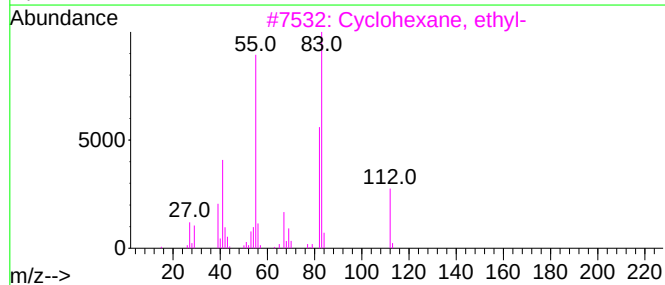
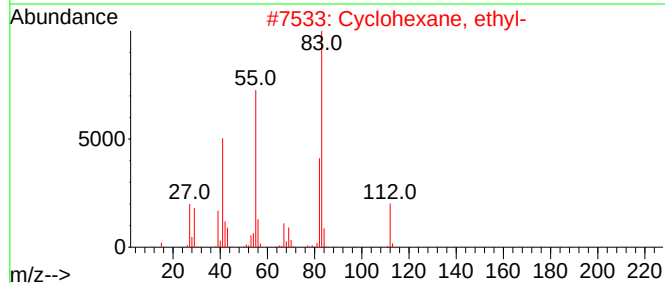
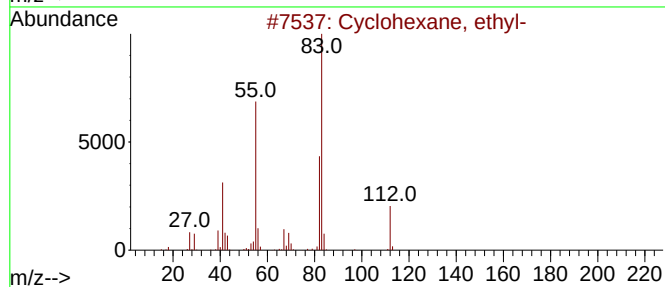
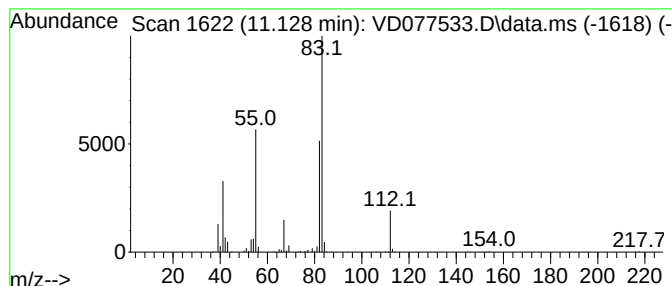
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.128 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	1.36 ug/L	655487	Chlorobenzene-d5	11.586

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	76
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

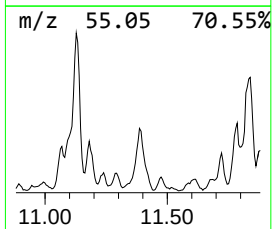
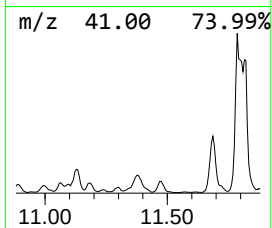
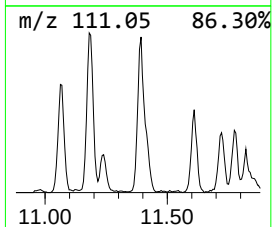
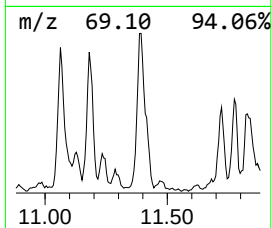
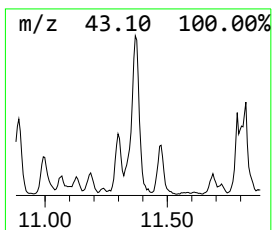
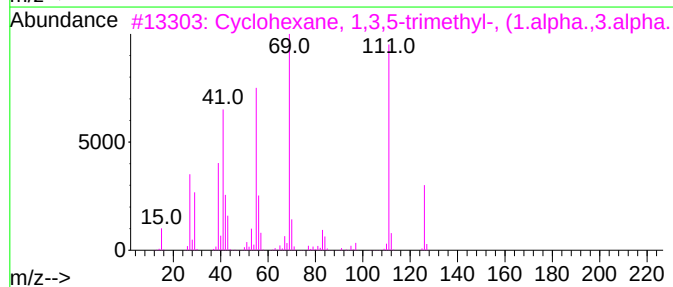
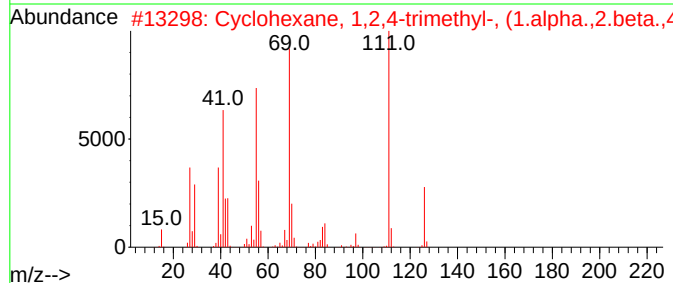
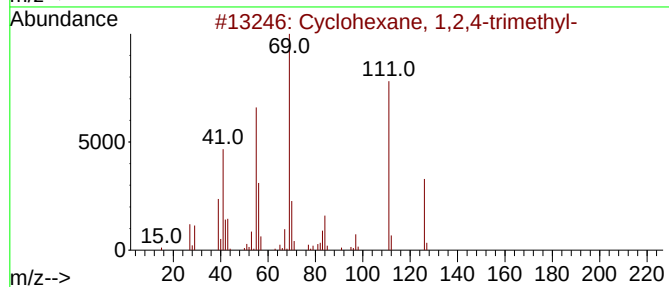
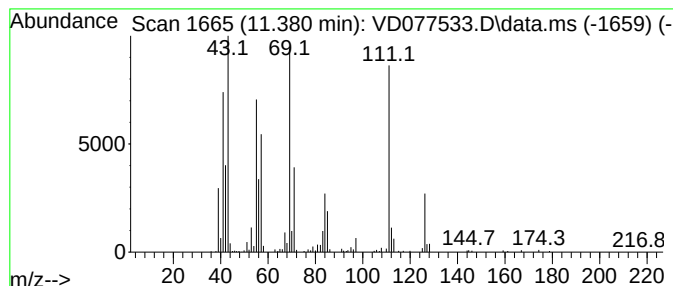
Instrument :
MSVOA_D
ClientSampleId :
BH3R2

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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.381 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.381	2.11 ug/L	1014020	Chlorobenzene-d5	11.586	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
2	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	70
3	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	64
4	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	62
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

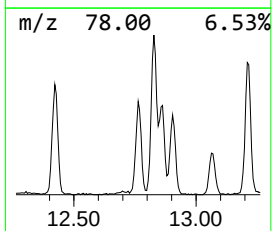
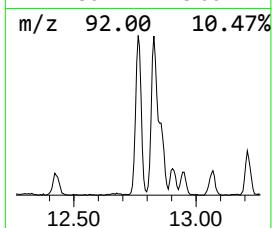
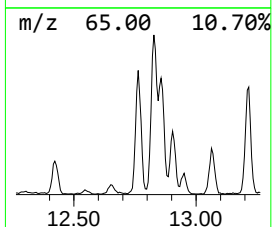
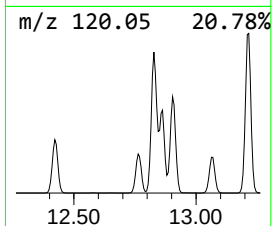
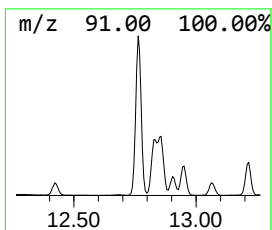
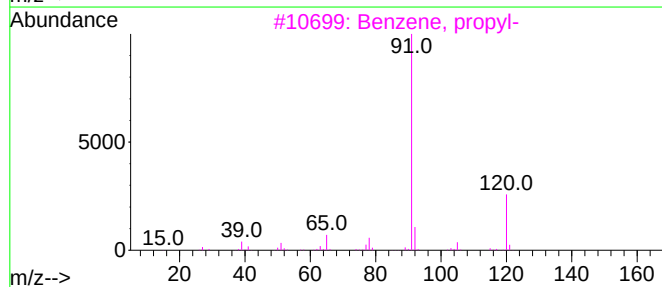
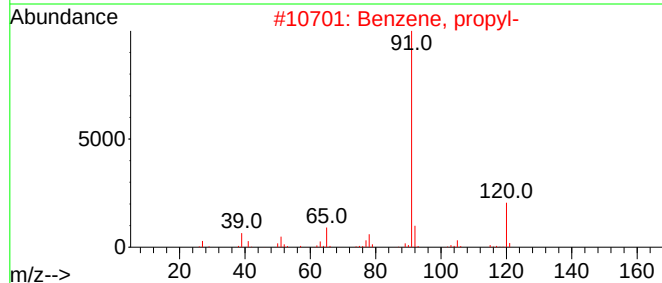
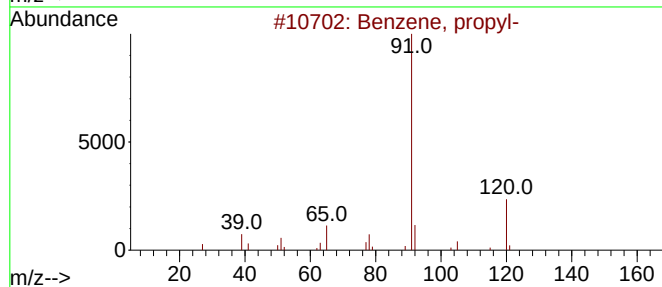
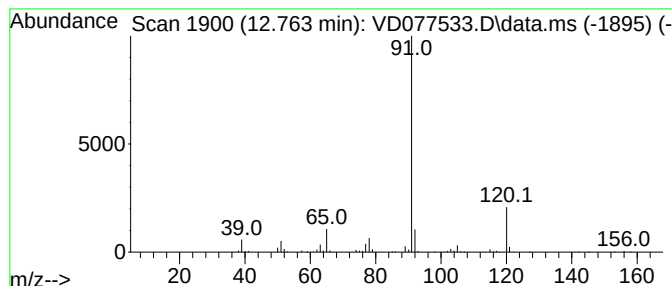
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	1.39 ug/L	1370310	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

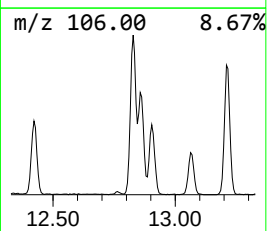
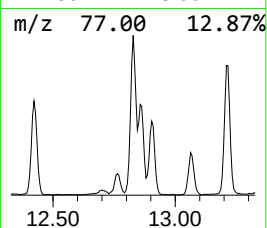
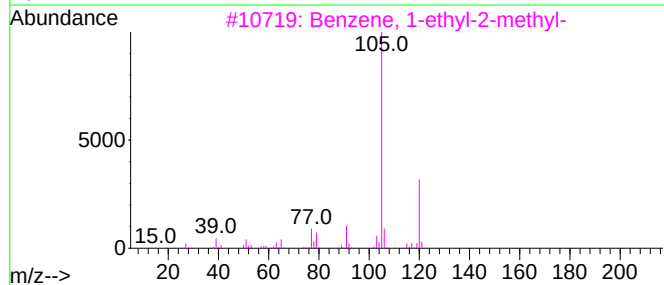
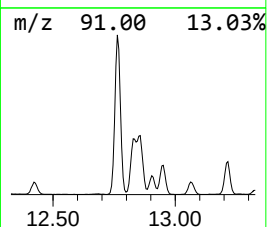
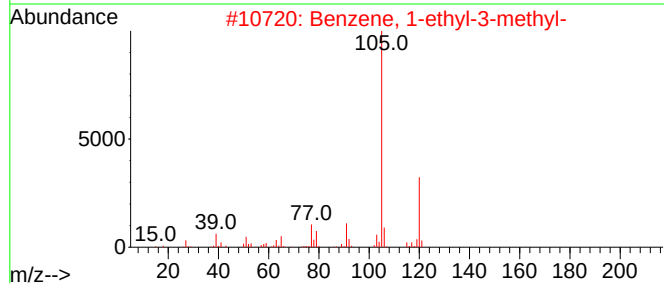
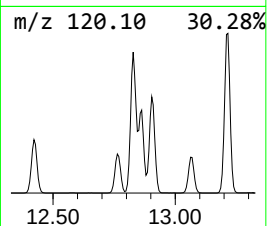
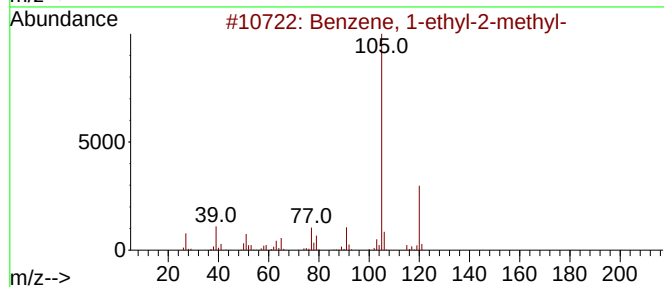
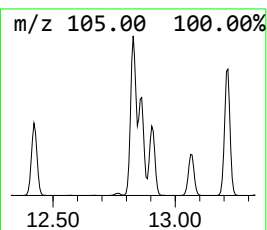
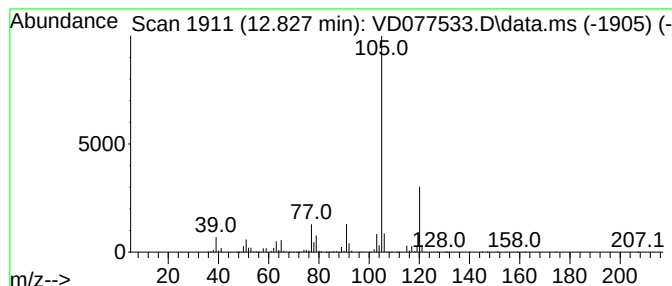
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	4.69 ug/L	4623330	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

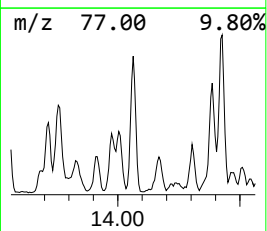
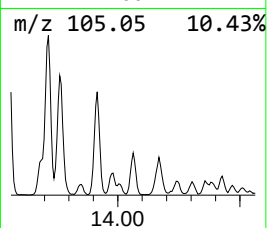
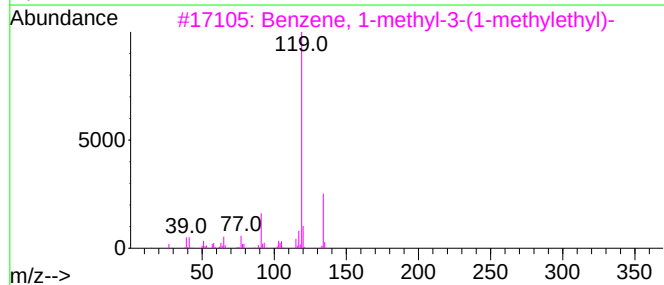
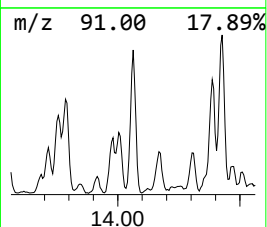
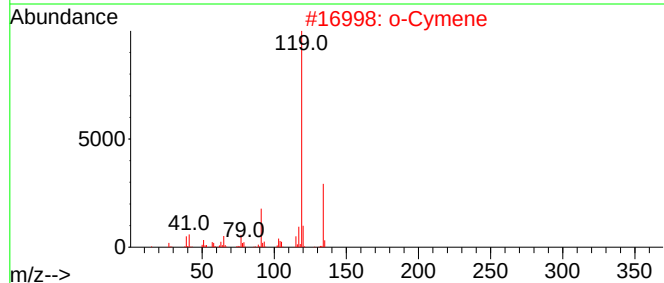
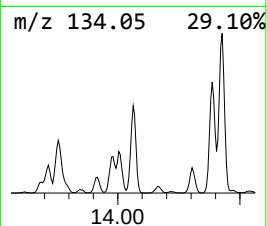
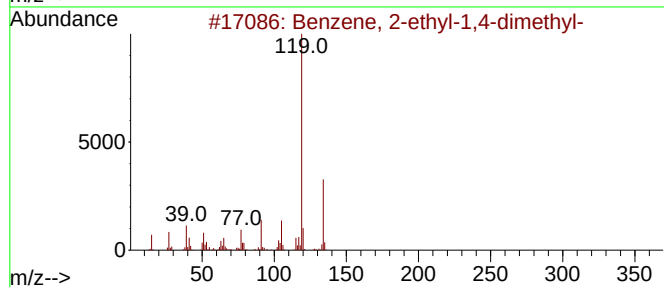
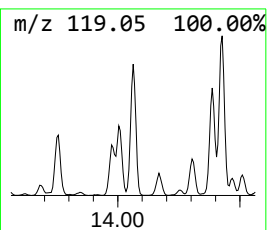
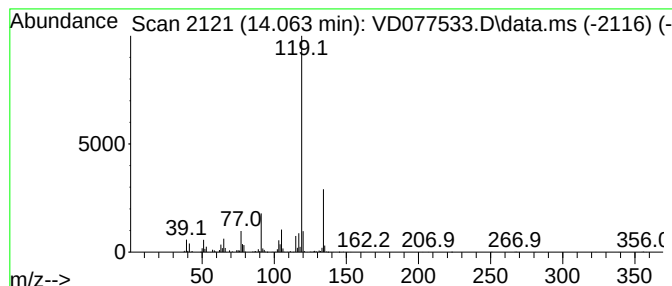
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	1.65 ug/L	1624610	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

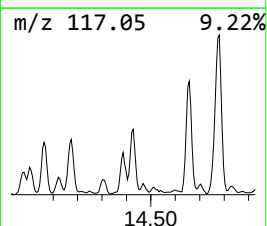
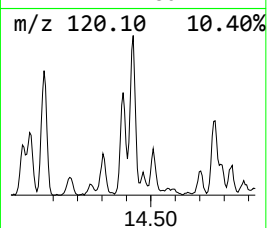
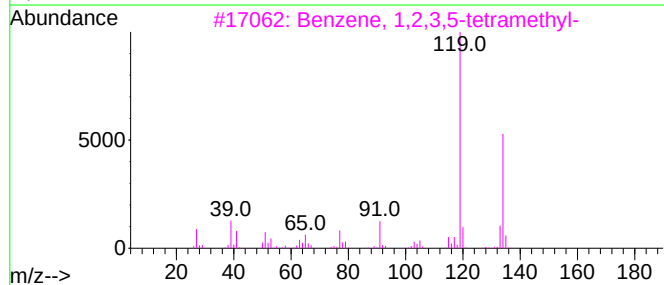
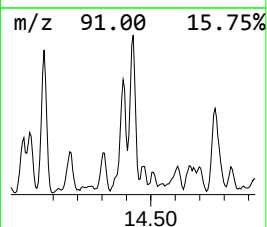
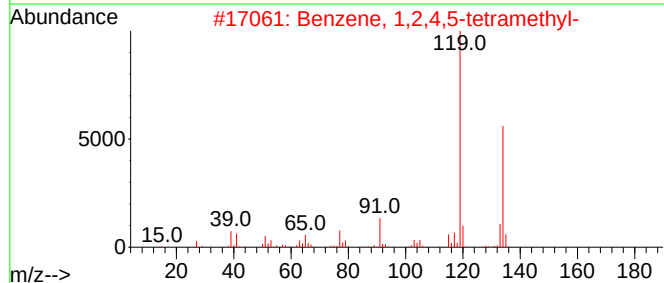
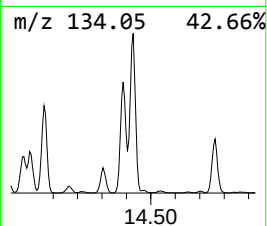
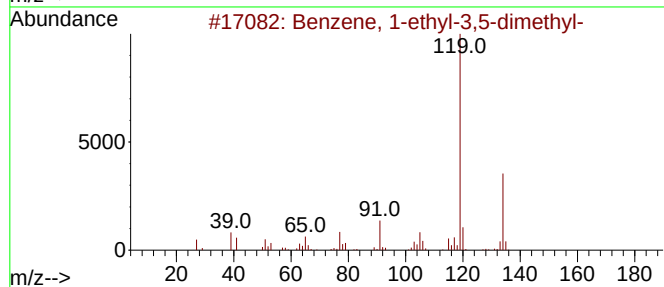
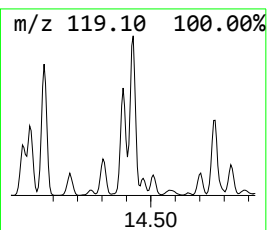
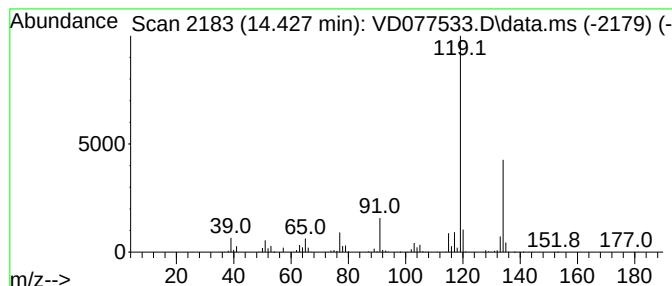
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	1.82 ug/L	1797340	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

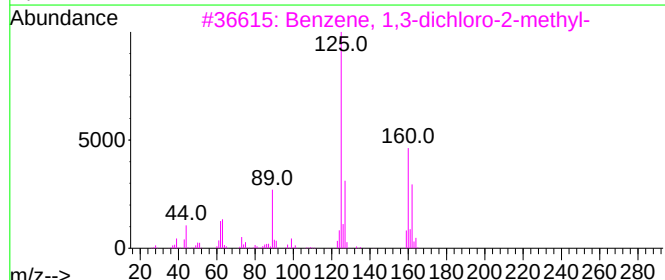
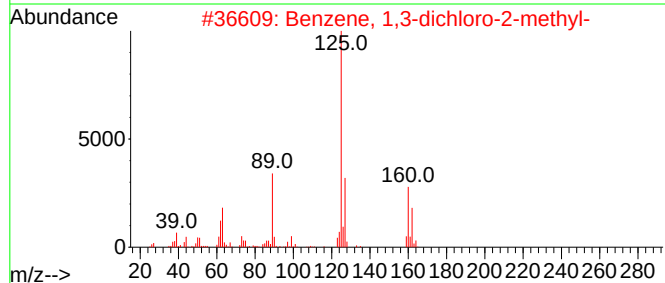
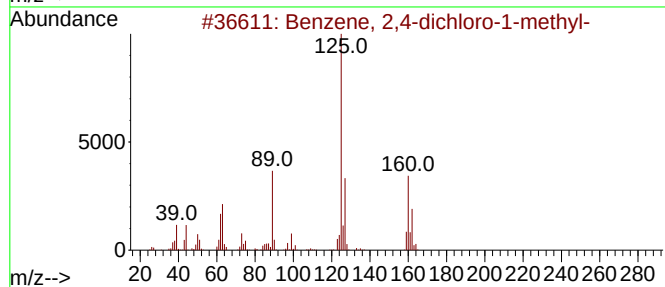
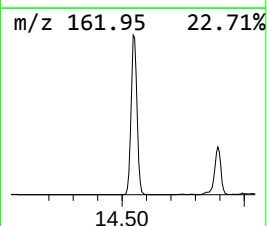
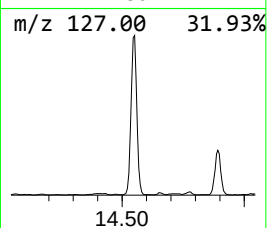
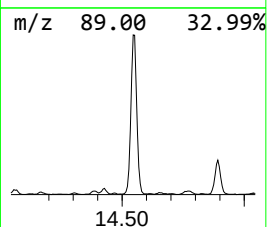
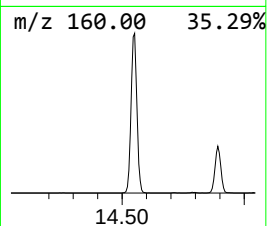
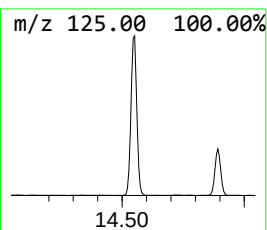
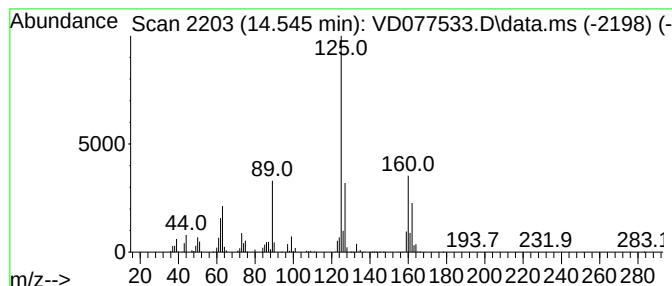
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 2,4-dichloro-1-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.545	3.77 ug/L	3721110	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	98
2			Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	98
3			Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
4			Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
5			Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

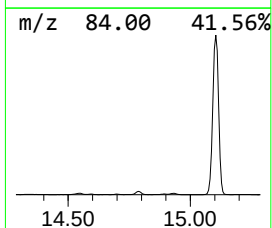
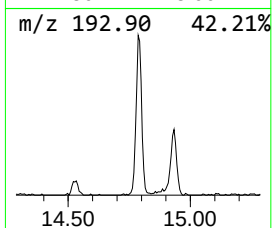
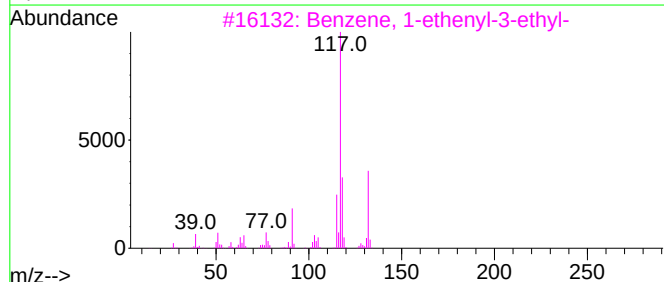
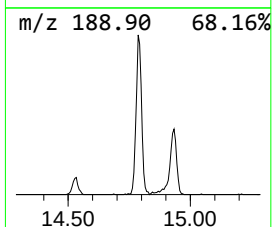
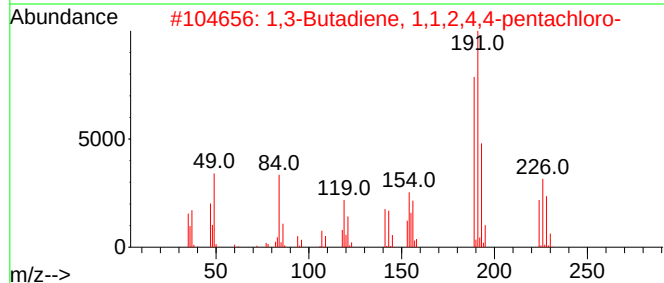
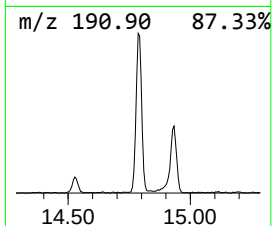
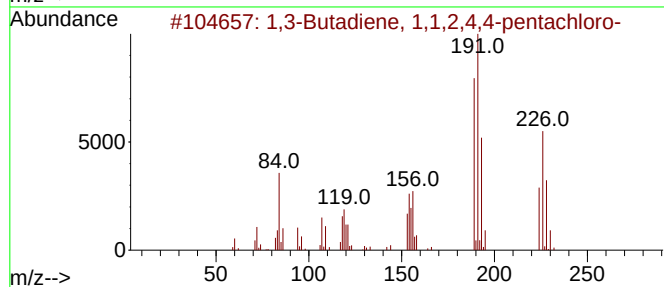
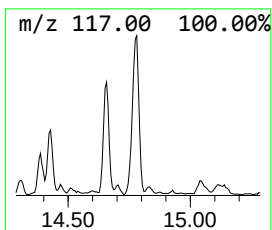
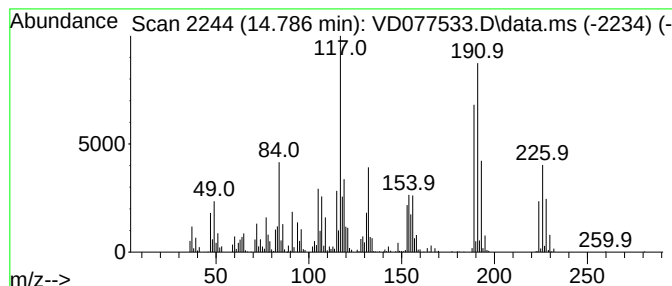
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Quant Title : SFAM01.0

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

Peak Number 13 1,3-Butadiene, 1,1,2,4,4-pe... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	2.49 ug/L	2457650	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HC15	021400-41-9	99
2			1,3-Butadiene, 1,1,2,4,4-pentach...	224	C4HC15	021400-41-9	49
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	25
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	25
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

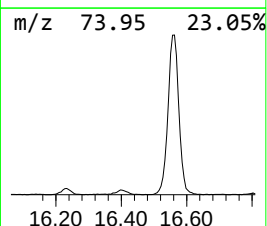
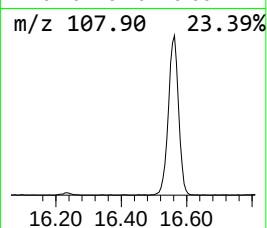
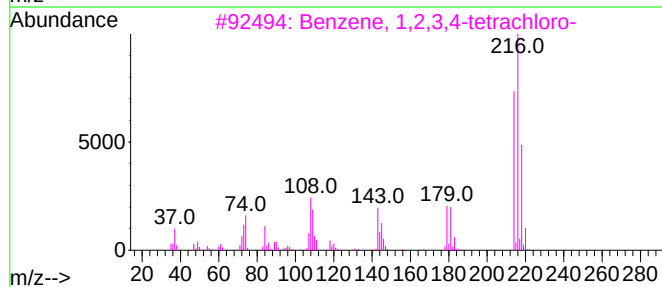
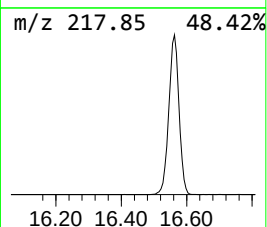
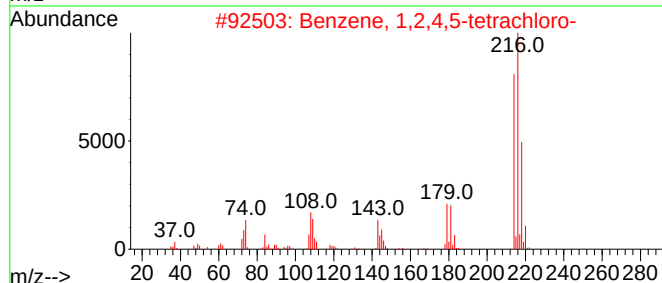
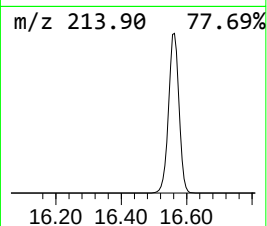
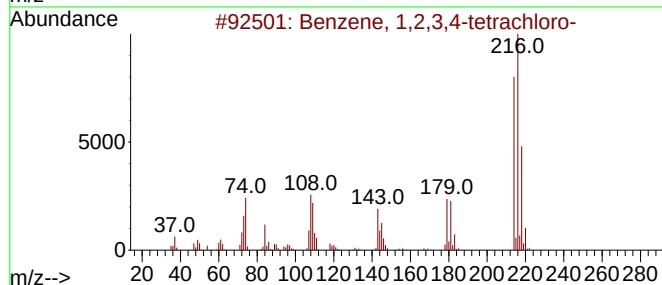
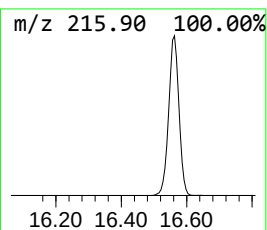
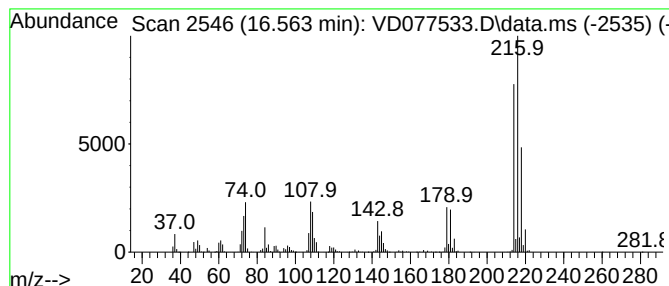
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	7.04 ug/L	6951400	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2			Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
3			Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
4			Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
5			Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.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
(DEL) Alkane: S...	9.910	2.6	ug/L	171453	1	8.781	1651580	25.0
(DEL) Alkane: S...	10.051	4.3	ug/L	282145	1	8.781	1651580	25.0
(DEL) Alkane: S...	10.457	1.8	ug/L	872973	2	11.586	12029500	25.0
(DEL) Alkane: C...	11.128	1.4	ug/L	655487	2	11.586	12029500	25.0
(DEL) Alkane: C...	11.381	2.1	ug/L	1014020	2	11.586	12029500	25.0
Benzene, propyl-	12.763	1.4	ug/L	1370310	3	13.522	24668800	25.0
Benzene, 1-ethy...	12.828	4.7	ug/L	4623330	3	13.522	24668800	25.0
Benzene, 2-ethy...	14.063	1.6	ug/L	1624610	3	13.522	24668800	25.0
Benzene, 1-ethy...	14.427	1.8	ug/L	1797340	3	13.522	24668800	25.0
Benzene, 2,4-di...	14.545	3.8	ug/L	3721110	3	13.522	24668800	25.0
1,3-Butadiene, ...	14.786	2.5	ug/L	2457650	3	13.522	24668800	25.0
Benzene, 1,2,3,...	16.563	7.0	ug/L	6951400	3	13.522	24668800	25.0