

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014845.D
 Acq On : 26 Jul 2023 13:32
 Operator : SY/MD
 Sample : 03694-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_Y\methods\82Y071323S.M
 Title : SW846 8260

Signal : TIC: VY014845.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.052	35	38	43	rBV2	966	1409	1.09%	0.143%
2	2.113	43	48	51	rBV4	2663	4831	3.73%	0.491%
3	2.217	61	65	71	rBV2	4027	5789	4.47%	0.589%
4	4.704	464	473	482	rBV5	1856	5732	4.43%	0.583%
5	6.972	836	845	855	rBV	5577	17942	13.86%	1.825%
6	7.716	959	967	972	rBV2	18945	43992	33.98%	4.474%
7	7.789	972	979	987	rVB	31079	71574	55.29%	7.279%
8	8.136	1029	1036	1047	rVB	20798	46321	35.78%	4.711%
9	8.685	1119	1126	1136	rBV	48427	97301	75.17%	9.895%
10	10.179	1364	1371	1380	rBV	74313	129448	100.00%	13.164%
11	10.581	1430	1437	1444	rBV2	2593	5410	4.18%	0.550%
12	10.941	1492	1496	1503	rBV5	1566	2882	2.23%	0.293%
13	11.489	1579	1586	1596	rBV	72782	120605	93.17%	12.265%
14	11.703	1615	1621	1626	rBV5	906	1858	1.44%	0.189%
15	12.038	1670	1676	1681	rBV4	1027	2064	1.59%	0.210%
16	12.483	1742	1749	1756	rBV2	58963	96919	74.87%	9.856%
17	12.672	1774	1780	1784	rBV5	718	1565	1.21%	0.159%
18	12.757	1788	1794	1799	rBV2	656	1507	1.16%	0.153%
19	13.068	1839	1845	1849	rBV4	929	1632	1.26%	0.166%
20	13.373	1889	1895	1897	rBV3	1699	2835	2.19%	0.288%
21	13.422	1897	1903	1910	rVB	65017	105135	81.22%	10.692%
22	13.696	1942	1948	1952	rBV3	1316	2514	1.94%	0.256%
23	13.745	1952	1956	1960	rVV4	925	1649	1.27%	0.168%
24	13.958	1986	1991	1997	rBV2	3911	6811	5.26%	0.693%
25	14.385	2057	2061	2063	rBV4	889	1317	1.02%	0.134%
26	14.416	2063	2066	2070	rVV6	2342	3277	2.53%	0.333%
27	14.544	2083	2087	2089	rBV4	1361	2253	1.74%	0.229%
28	14.611	2094	2098	2103	rBV6	3286	5791	4.47%	0.589%
29	14.672	2103	2108	2113	rBV6	5454	13297	10.27%	1.352%
30	14.726	2113	2117	2122	rVV4	10119	16155	12.48%	1.643%
31	14.848	2133	2137	2138	rBV4	2624	3040	2.35%	0.309%
32	14.940	2149	2152	2156	rVB6	5280	8171	6.31%	0.831%
33	15.001	2159	2162	2165	rBV5	4432	7001	5.41%	0.712%
34	15.214	2192	2197	2202	rBV3	17866	33660	26.00%	3.423%
35	15.287	2204	2209	2211	rBV6	6983	14280	11.03%	1.452%
36	15.434	2231	2233	2239	rBV7	6860	14046	10.85%	1.428%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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37	15.604	2258	2261	2266	rVB5	17823	30651	23.68%	3.117%
38	16.476	2399	2404	2412	rVB8	25074	52650	40.67%	5.354%

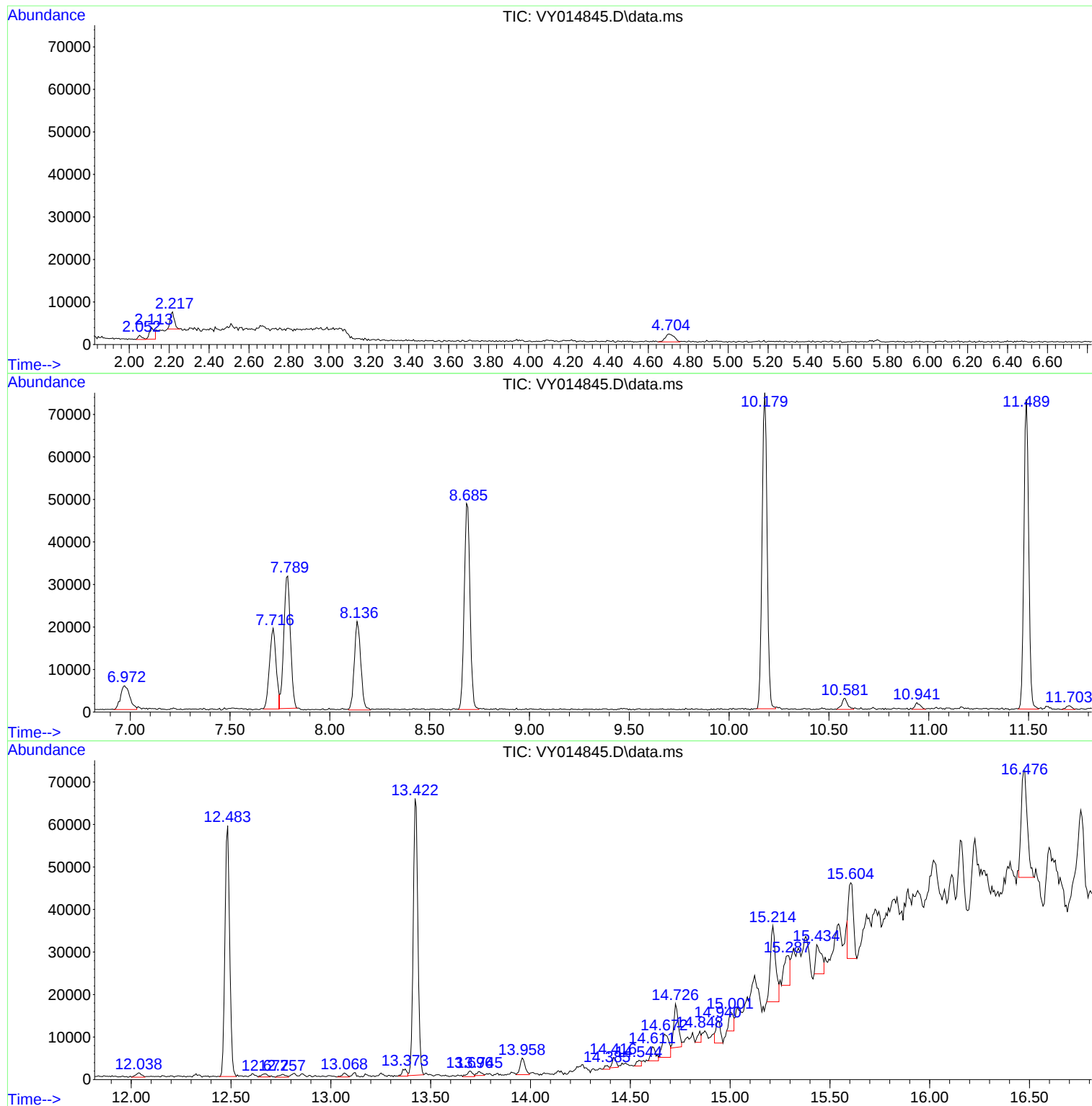
Sum of corrected areas: 983314

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



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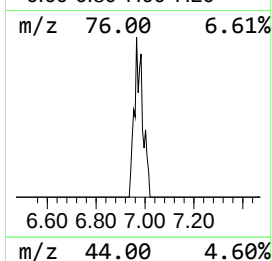
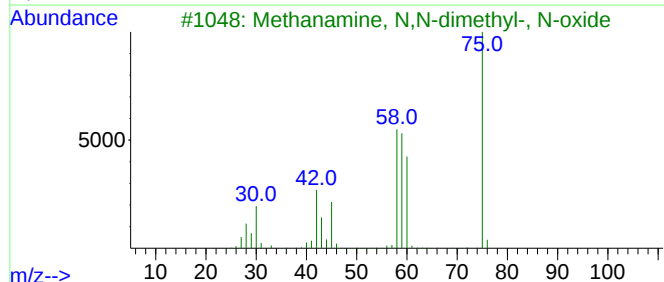
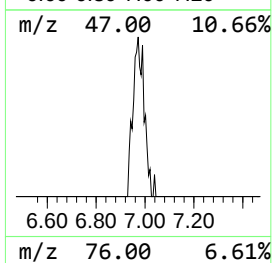
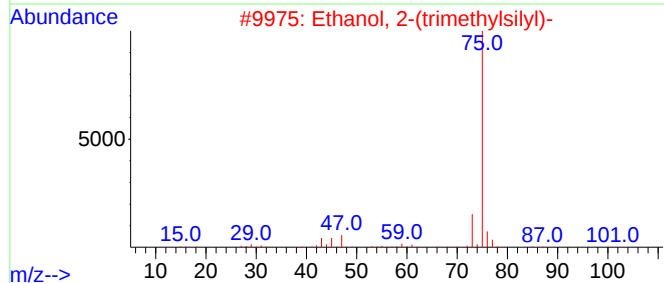
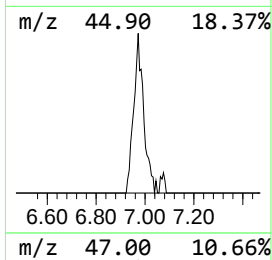
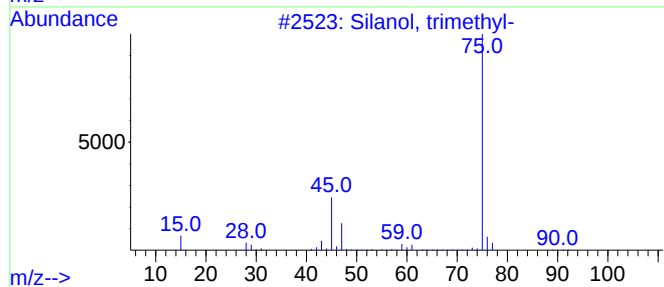
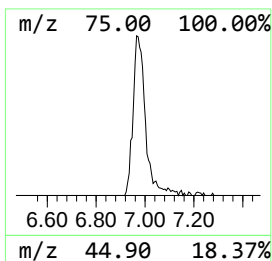
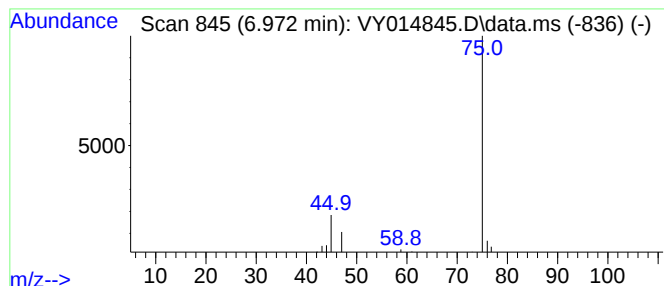
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Peak Number 1 Silanol, trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.972	12.53 ug/l	17942	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	78
2			Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	64
3			Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	56
4			Formamide, N-methylthio	75	C2H5NS	018952-41-5	9
5			Ethanethioamide	75	C2H5NS	000062-55-5	5



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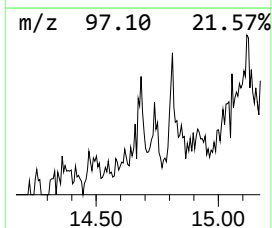
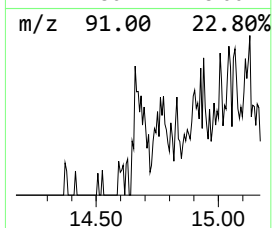
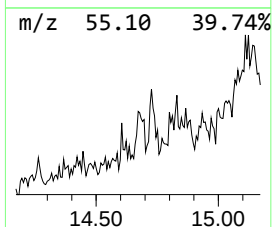
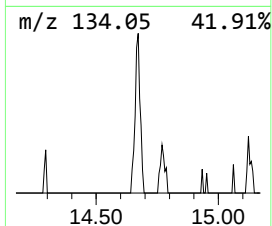
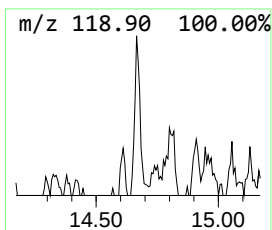
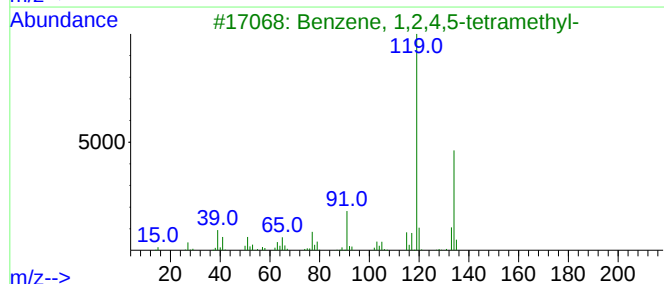
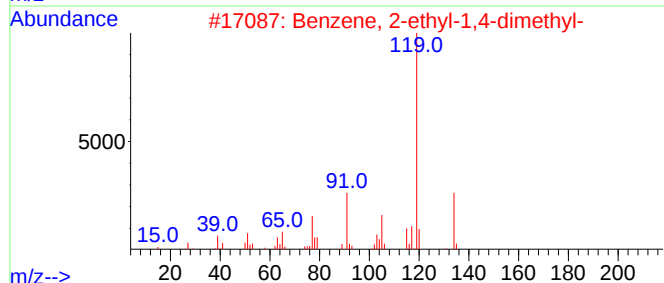
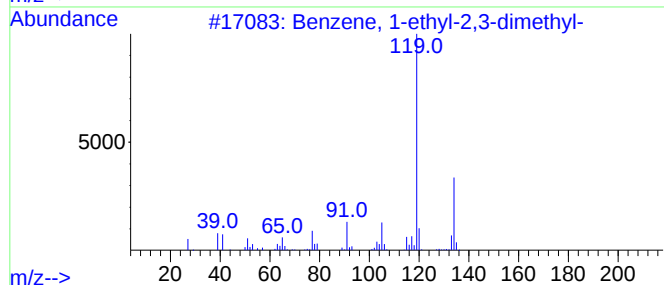
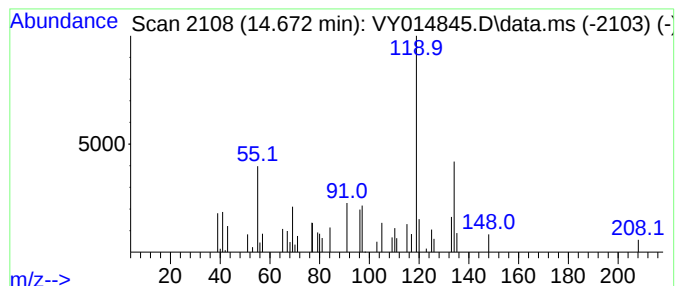
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	6.32 ug/l	13297	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	52
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	52
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	52



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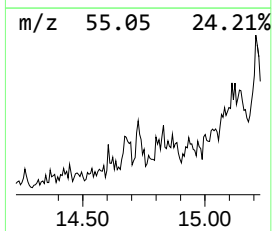
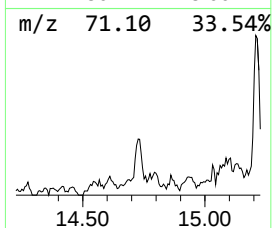
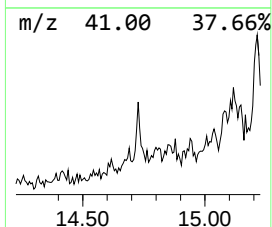
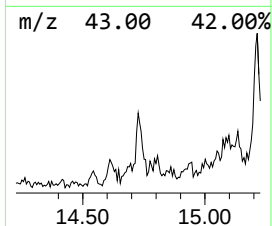
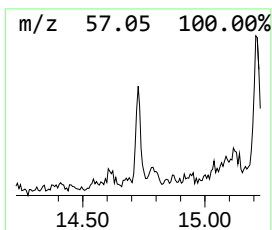
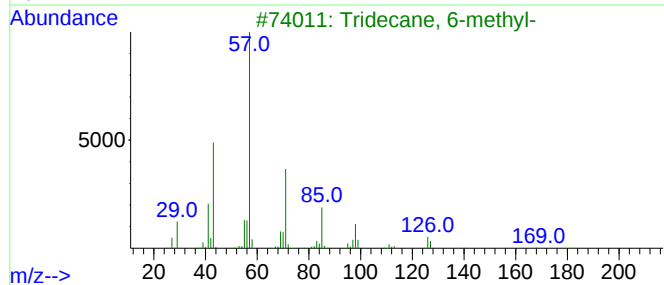
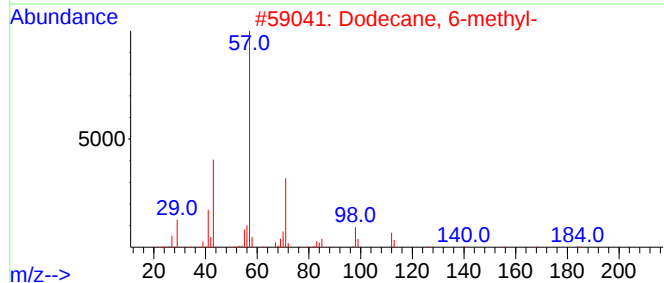
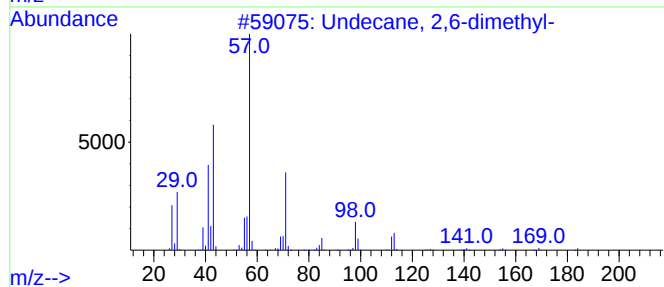
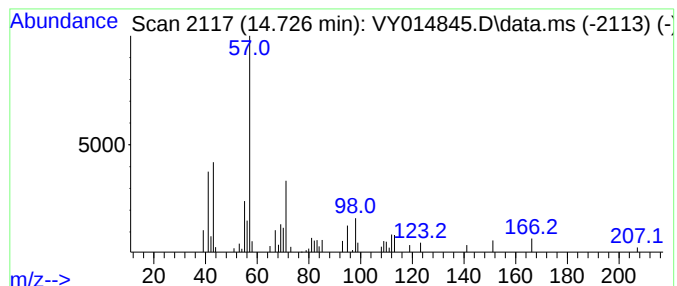
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown14.727 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	7.68 ug/l	16155	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	43
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	38



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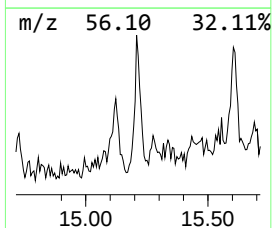
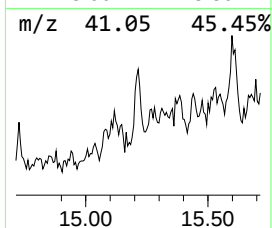
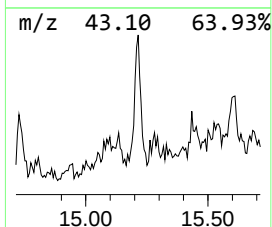
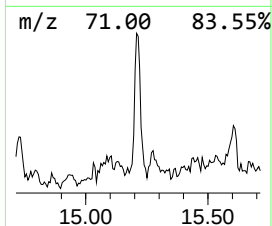
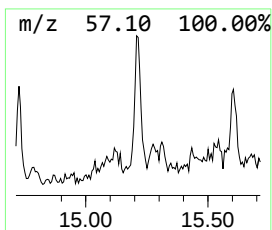
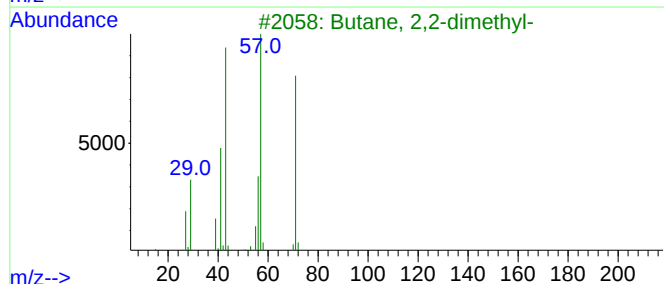
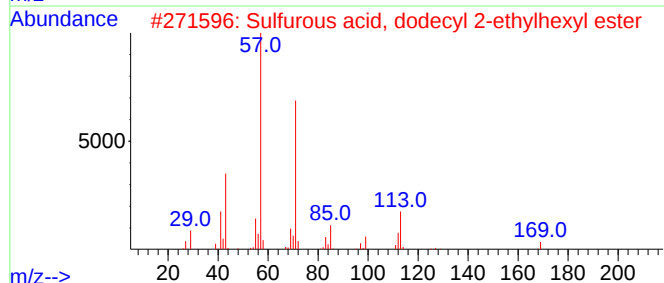
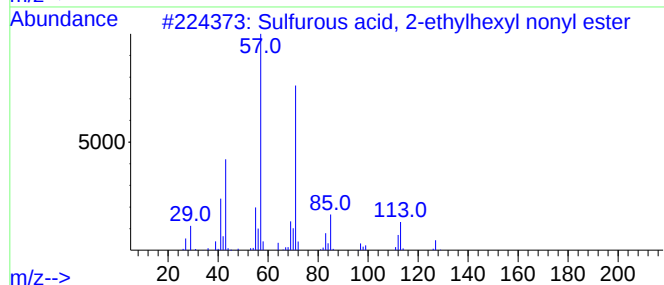
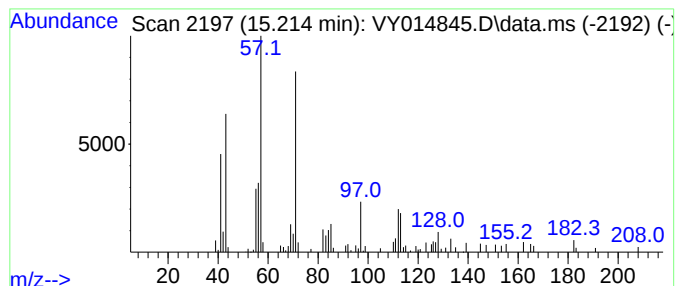
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Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	16.01 ug/l	33660	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	50
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	50
3			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
4			Butyric acid, m-fluorophenyl ester	182	C10H11FO2	029052-04-8	46
5			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	46



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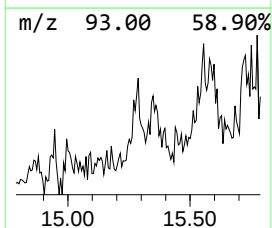
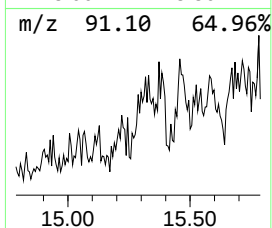
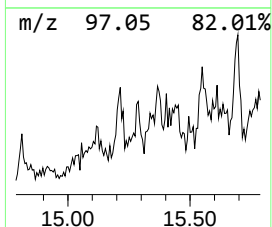
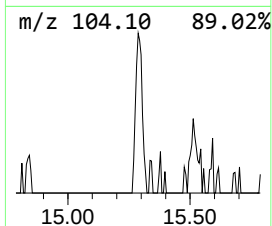
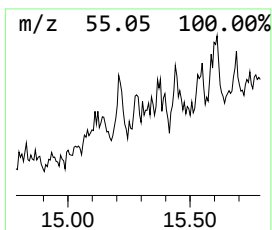
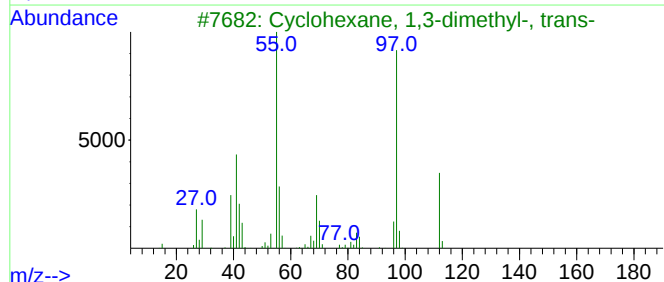
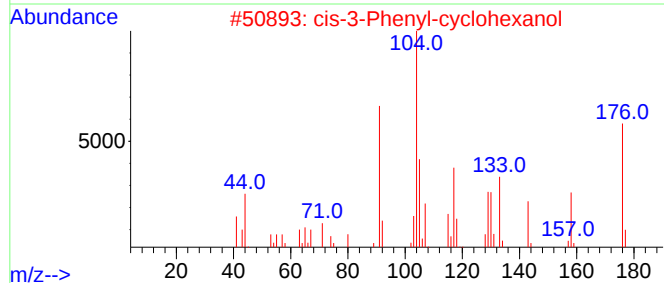
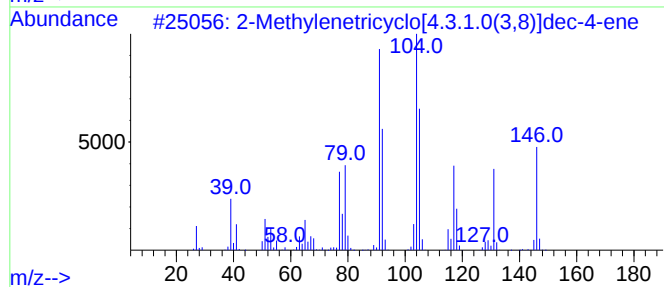
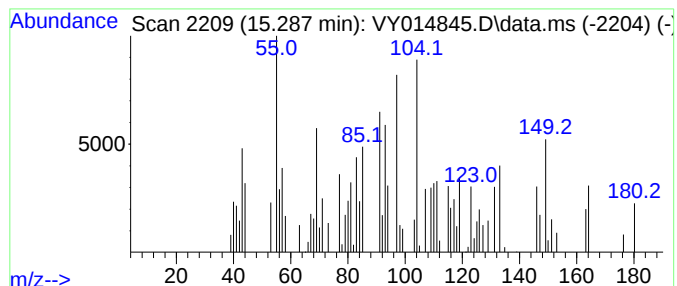
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Peak Number 5 unknown15.287 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.287	6.79 ug/l	14280	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylenetricyclo[4.3.1.0(3,8)]dec-4-ene	146	C11H14	033566-64-2	18
2			cis-3-Phenyl-cyclohexanol	176	C12H16O	1000145-24-0	15
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	11
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	11
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014845.D
Acq On : 26 Jul 2023 13:32
Operator : SY/MD
Sample : 03694-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

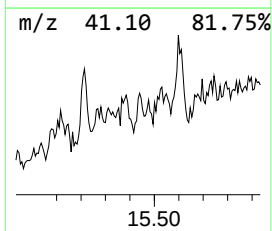
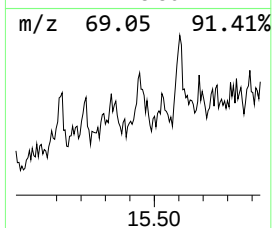
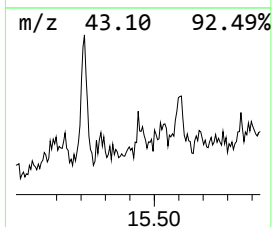
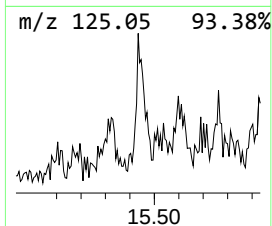
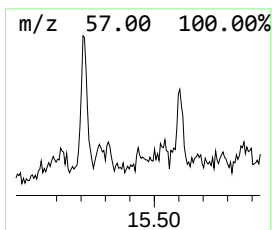
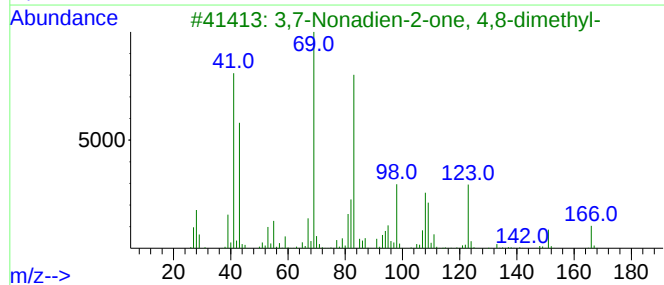
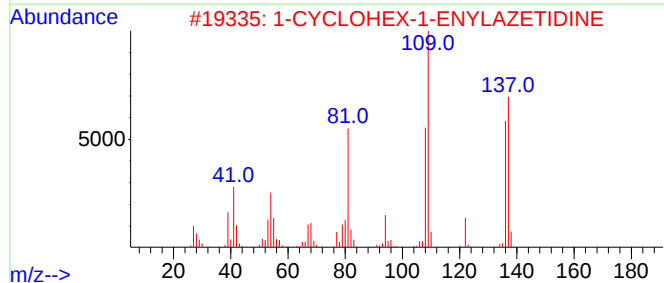
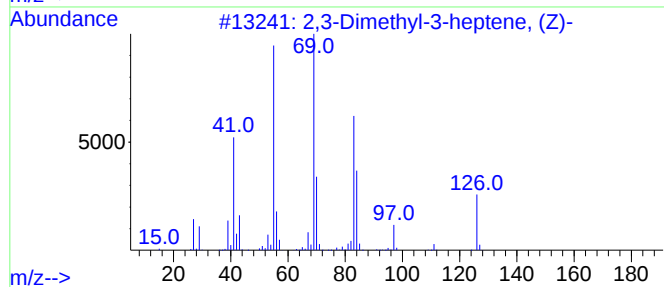
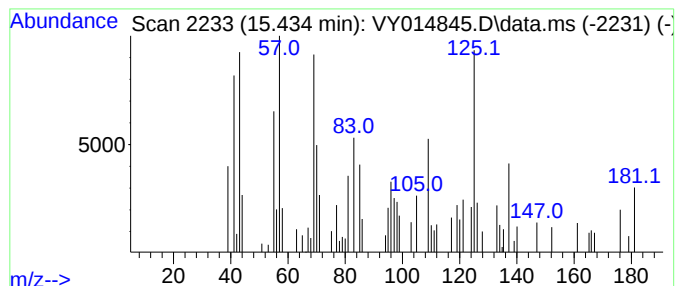
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Quant Title : SW846 8260

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

Peak Number 6 unknown15.434 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	6.68 ug/l	14046	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	11
2			1-CYCLOHEX-1-ENYLAZETIDINE	137	C9H15N	007326-44-5	11
3			3,7-Nonadien-2-one, 4,8-dimethyl-	166	C11H18O	000817-88-9	11
4			2-Hexene, 2-methyl-	98	C7H14	002738-19-4	11
5			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014845.D
Acq On : 26 Jul 2023 13:32
Operator : SY/MD
Sample : 03694-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

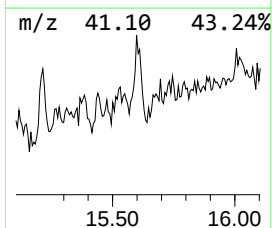
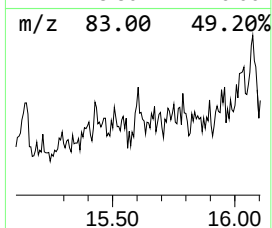
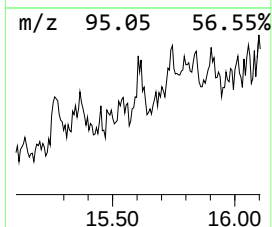
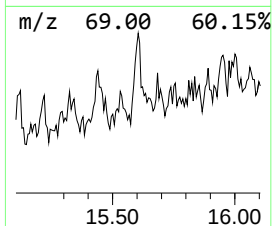
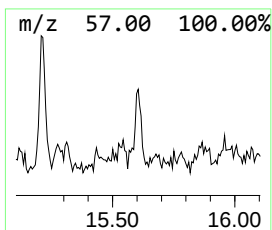
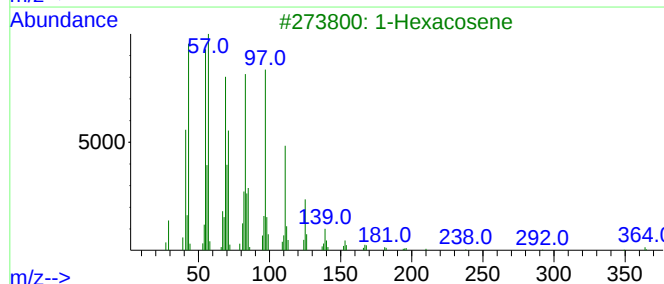
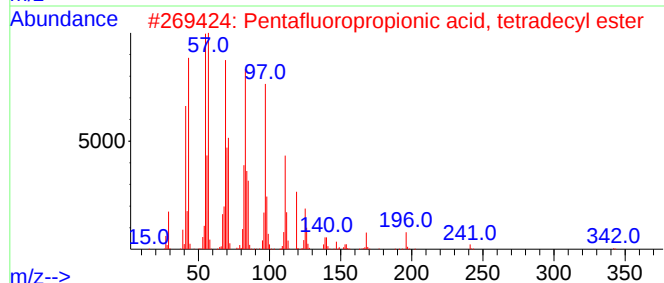
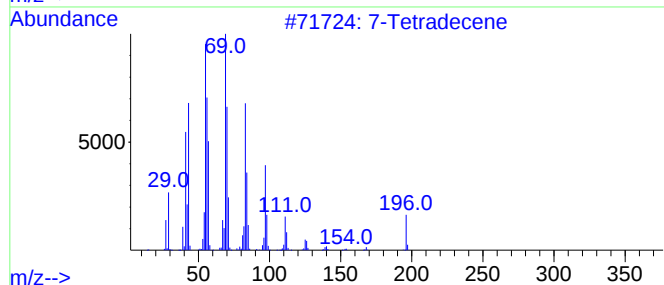
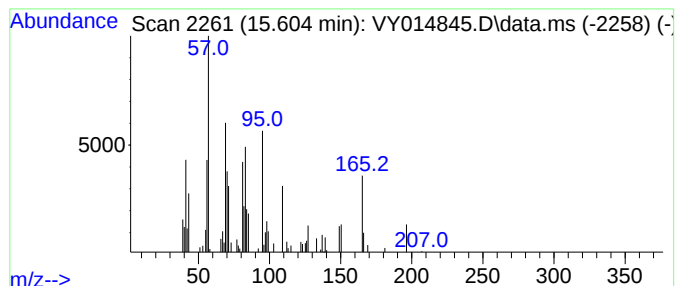
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Quant Title : SW846 8260

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

Peak Number 7 7-Tetradecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	14.58 ug/l	30651	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Tetradecene	196	C14H28	010374-74-0	64
2			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	35
3			1-Hexacosene	364	C26H52	018835-33-1	35
4			Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	25
5			Propanoic acid, nonyl ester	200	C12H24O2	053184-67-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014845.D
Acq On : 26 Jul 2023 13:32
Operator : SY/MD
Sample : 03694-01
Misc : 5.02g/5.0mL/MSVOA_Y/soil
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

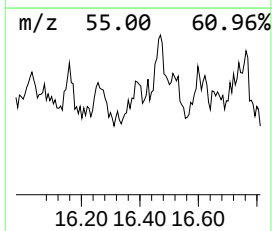
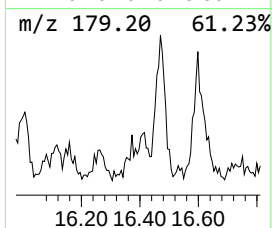
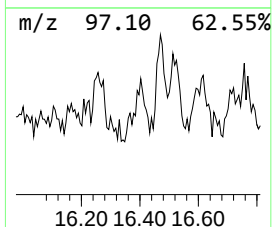
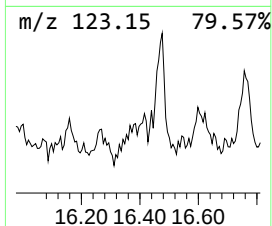
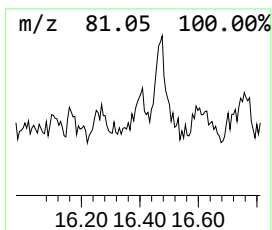
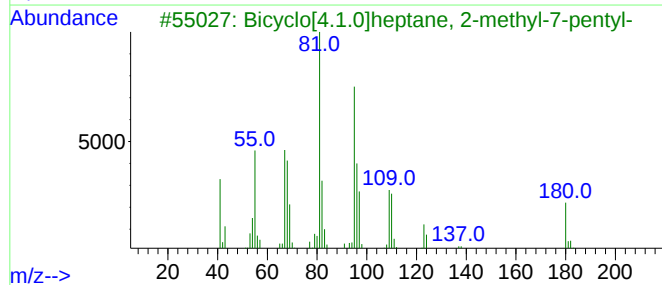
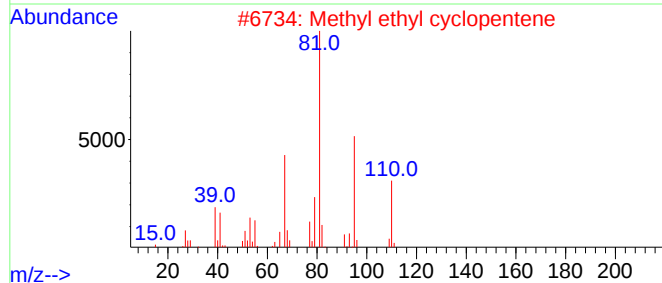
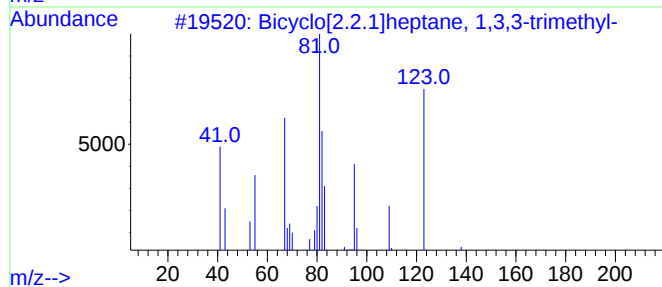
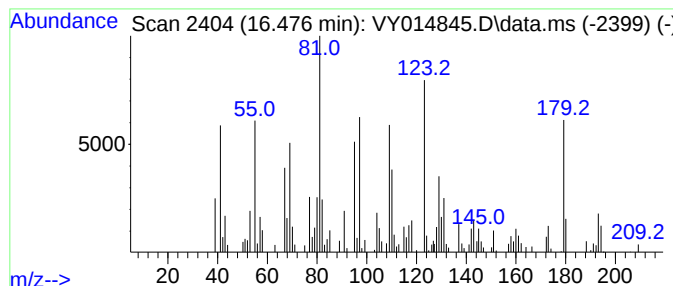
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Quant Title : SW846 8260

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

Peak Number 8 unknown16.476 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.476	25.04 ug/l	52650	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	43
2			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	30
3			Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	30
4			Zinc, bis[2,2-dimethyl-3-(2-meth...	310	C18H30Zn	074810-57-4	27
5			Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014845.D
Acq On : 26 Jul 2023 13:32
Operator : SY/MD
Sample : 03694-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Silanol, trimet...	6.972	12.5	ug/l	17942	1	7.789	71574	50.0
Benzene, 1-ethy...	14.672	6.3	ug/l	13297	4	13.422	105135	50.0
unknown14.727	14.727	7.7	ug/l	16155	4	13.422	105135	50.0
Sulfurous acid,...	15.214	16.0	ug/l	33660	4	13.422	105135	50.0
unknown15.287	15.287	6.8	ug/l	14280	4	13.422	105135	50.0
unknown15.434	15.434	6.7	ug/l	14046	4	13.422	105135	50.0
7-Tetradecene	15.604	14.6	ug/l	30651	4	13.422	105135	50.0
unknown16.476	16.476	25.0	ug/l	52650	4	13.422	105135	50.0