

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023132.D
 Acq On : 15 Aug 2025 17:56
 Operator : SY/MD
 Sample : Q2865-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS10-0047-VOC

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\82Y081225S.M
 Title : SW846 8260

Signal : TIC: VY023132.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.866	343	352	362	rBV	36621	99720	3.19%	0.471%
2	4.616	464	475	487	rBV2	24615	84972	2.72%	0.401%
3	5.647	631	644	657	rBV3	22344	74863	2.40%	0.353%
4	7.634	958	970	976	rBV2	432572	1064408	34.06%	5.022%
5	7.707	976	982	1004	rVB	706472	1607702	51.45%	7.586%
6	8.061	1027	1040	1054	rBV	371741	838158	26.82%	3.955%
7	8.469	1099	1107	1117	rVB2	21258	45072	1.44%	0.213%
8	8.609	1117	1130	1142	rBV	1169480	2302107	73.67%	10.862%
9	9.993	1350	1357	1362	rBV2	20199	36535	1.17%	0.172%
10	10.103	1368	1375	1383	rBV	1885784	3124711	100.00%	14.743%
11	10.292	1399	1406	1415	rBV	122654	190822	6.11%	0.900%
12	11.200	1548	1555	1567	rVB	9757	33408	1.07%	0.158%
13	11.414	1581	1590	1597	rBV	1562193	2587283	82.80%	12.208%
14	11.633	1616	1626	1636	rVB6	33016	94234	3.02%	0.445%
15	11.950	1666	1678	1686	rBV3	22275	54057	1.73%	0.255%
16	12.042	1686	1693	1698	rVB3	15350	32657	1.05%	0.154%
17	12.151	1701	1711	1717	rBV6	40116	92130	2.95%	0.435%
18	12.249	1721	1727	1733	rBV	138218	216450	6.93%	1.021%
19	12.310	1733	1737	1743	rVV5	27703	58040	1.86%	0.274%
20	12.401	1743	1752	1761	rVV3	1206903	2257488	72.25%	10.652%
21	12.499	1761	1768	1772	rVV4	106033	220542	7.06%	1.041%
22	12.548	1772	1776	1786	rVB	81399	198423	6.35%	0.936%
23	12.706	1796	1802	1807	rBV	329886	608175	19.46%	2.870%
24	12.828	1816	1822	1826	rVB6	47298	104112	3.33%	0.491%
25	12.895	1826	1833	1835	rBV7	19100	43608	1.40%	0.206%
26	12.956	1840	1843	1845	rVV3	60226	91601	2.93%	0.432%
27	12.987	1845	1848	1853	rVV	157243	226382	7.24%	1.068%
28	13.035	1853	1856	1861	rVB	25331	35371	1.13%	0.167%
29	13.096	1861	1866	1870	rBV2	59296	95634	3.06%	0.451%
30	13.200	1875	1883	1887	rBV	208349	369590	11.83%	1.744%
31	13.237	1887	1889	1892	rVV3	37387	39045	1.25%	0.184%
32	13.279	1892	1896	1899	rVV3	30802	46285	1.48%	0.218%
33	13.340	1899	1906	1911	rVV	1150459	1817340	58.16%	8.575%
34	13.395	1911	1915	1925	rVB	230794	523650	16.76%	2.471%
35	13.560	1936	1942	1949	rVB3	77226	143140	4.58%	0.675%
36	13.670	1955	1960	1964	rBV2	129303	185847	5.95%	0.877%

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Stop Thrs : 0

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Peak separation: 5

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37	13.828	1983	1986	1989	rBV4	30865	44237	1.42%	0.209%
38	13.877	1990	1994	1998	rBV3	70684	117667	3.77%	0.555%
39	13.993	2008	2013	2018	rBV7	31437	57065	1.83%	0.269%
40	14.060	2018	2024	2029	rBV8	30976	78326	2.51%	0.370%
41	14.163	2035	2041	2048	rBV7	63176	167346	5.36%	0.790%
42	14.224	2048	2051	2058	rVB4	34276	51035	1.63%	0.241%
43	14.297	2059	2063	2067	rBV2	86312	151769	4.86%	0.716%
44	14.523	2097	2100	2105	rBV2	50195	73325	2.35%	0.346%
45	14.596	2107	2112	2115	rVV4	39300	80797	2.59%	0.381%
46	14.639	2115	2119	2126	rVB3	108495	180551	5.78%	0.852%
47	14.755	2136	2138	2146	rVB9	29317	58958	1.89%	0.278%
48	14.846	2150	2153	2158	rVB6	30731	49565	1.59%	0.234%
49	14.956	2166	2171	2174	rBV5	22342	48297	1.55%	0.228%
50	15.114	2193	2197	2206	rBV2	106799	190981	6.11%	0.901%
51	15.340	2231	2234	2240	rVB8	24707	45435	1.45%	0.214%
52	15.505	2257	2261	2266	rVB5	46151	79832	2.55%	0.377%
53	16.041	2345	2349	2354	rVB3	46313	75136	2.40%	0.355%

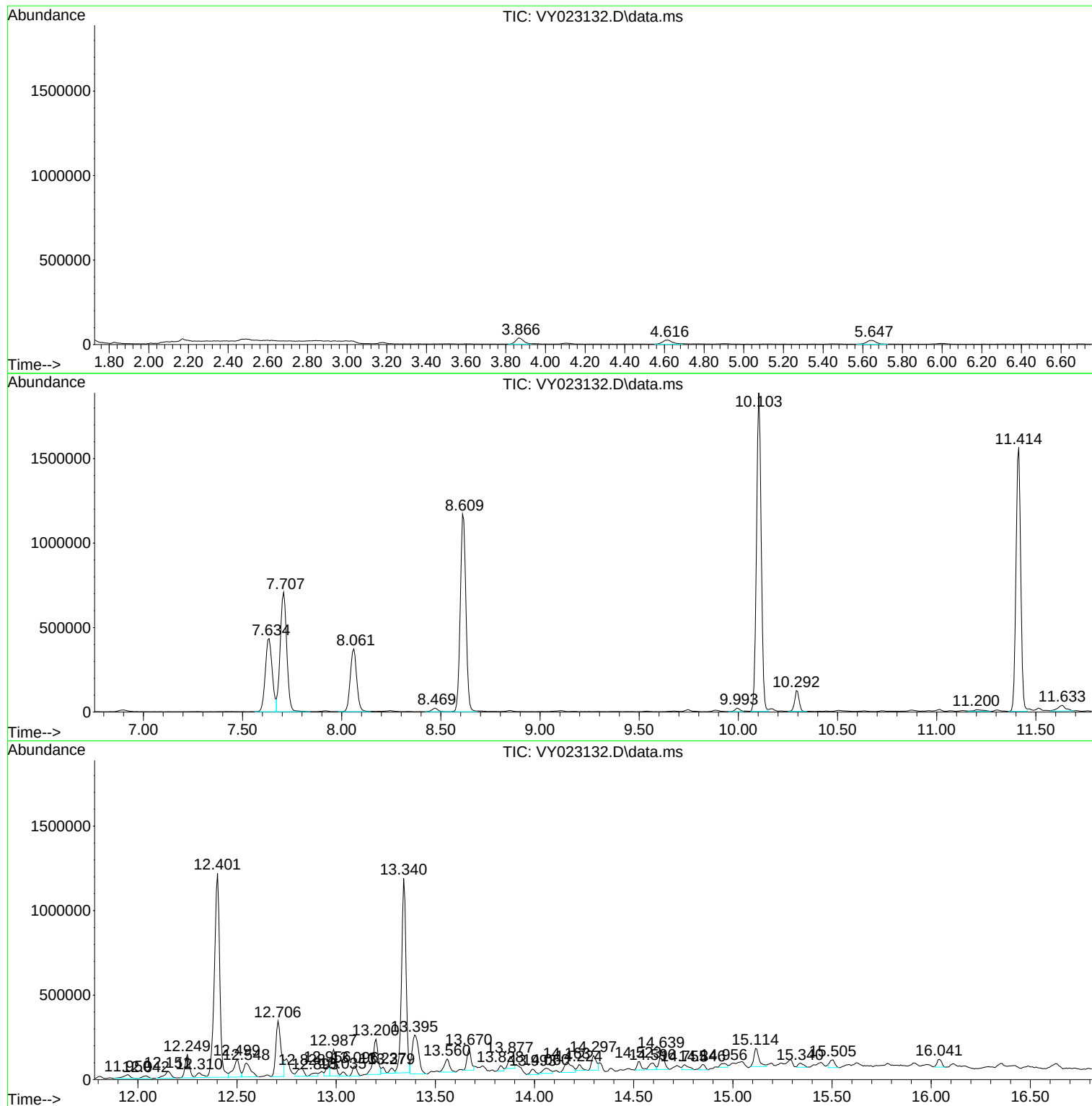
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ClientSampleId :
ARS10-0047-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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



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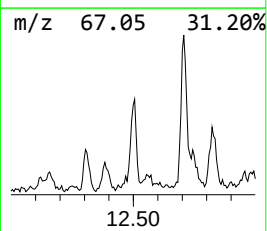
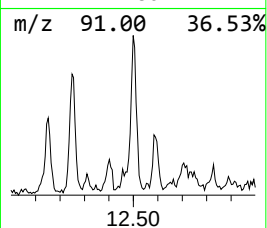
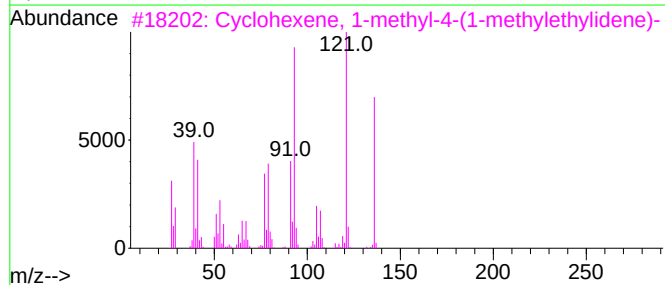
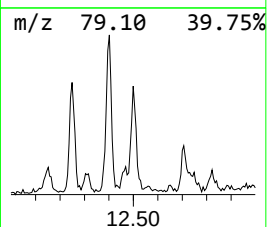
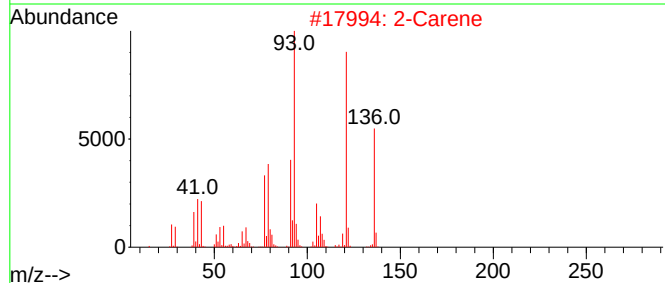
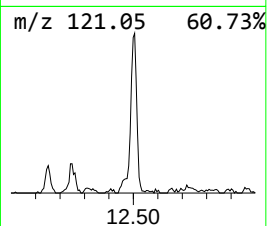
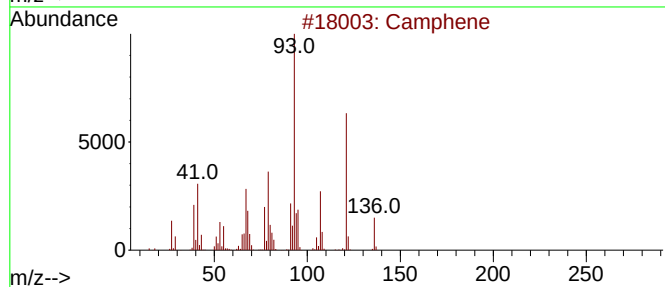
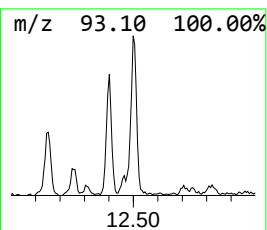
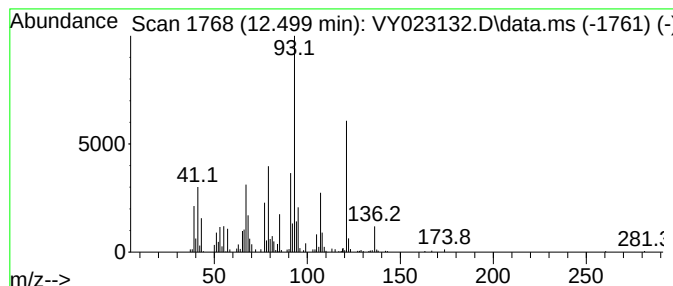
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 1 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.499	6.07 ug/l	220542	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	95
2			2-Carene	136	C10H16	000554-61-0	74
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	72
4			(+)-4-Carene	136	C10H16	029050-33-7	70
5			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	62



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Instrument :
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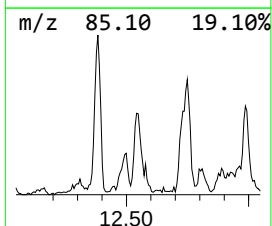
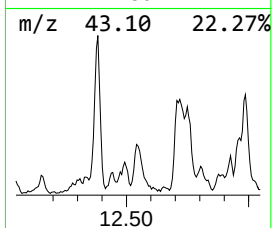
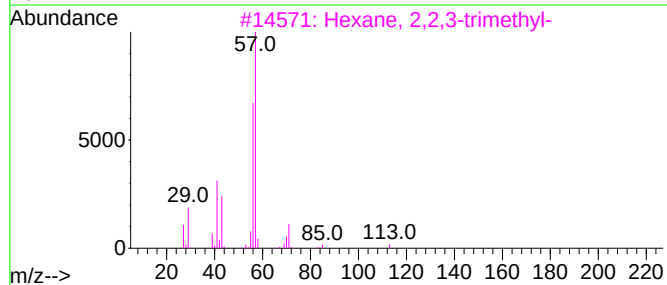
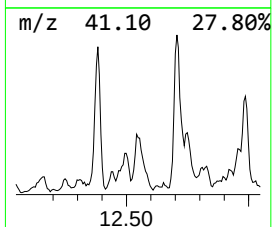
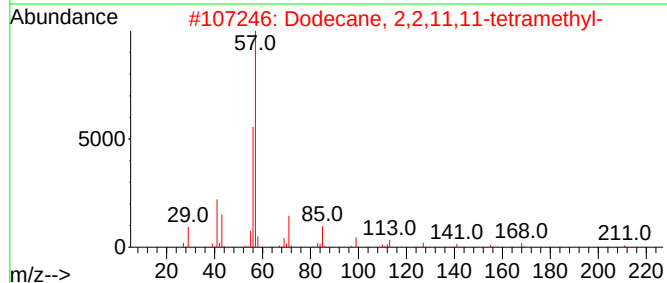
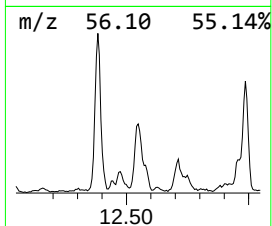
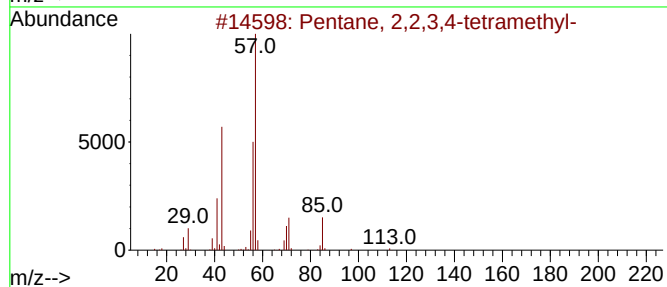
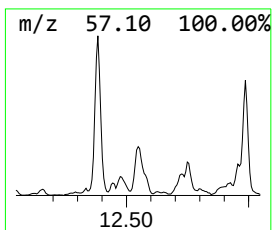
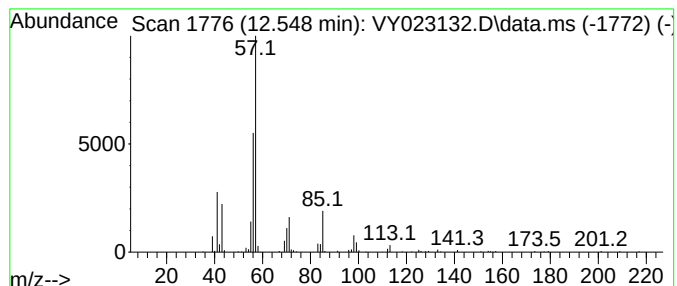
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.548	5.46 ug/l	198423	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
2			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	59
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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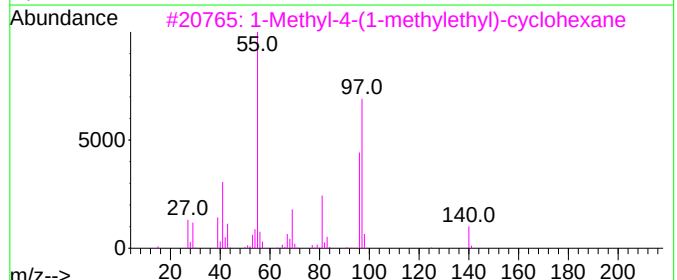
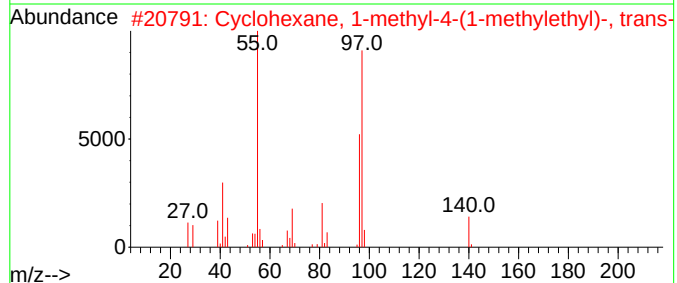
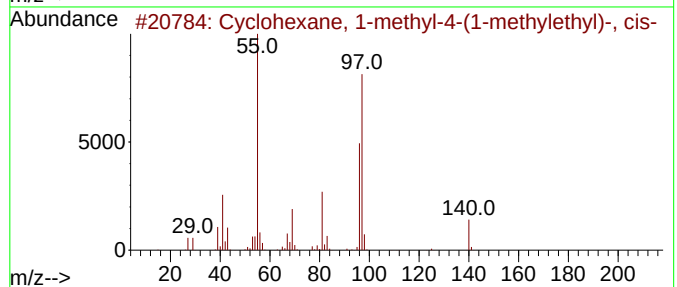
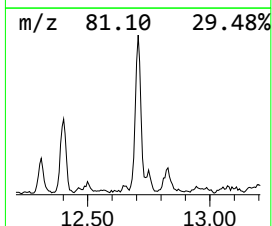
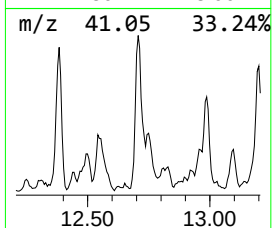
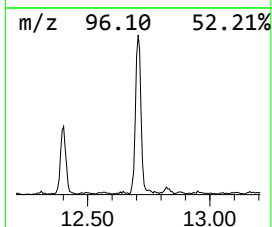
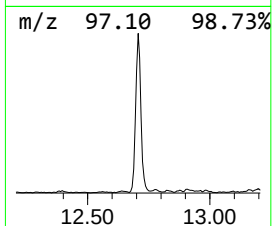
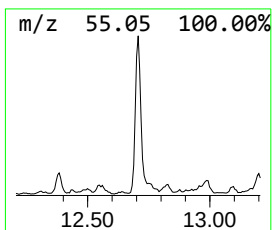
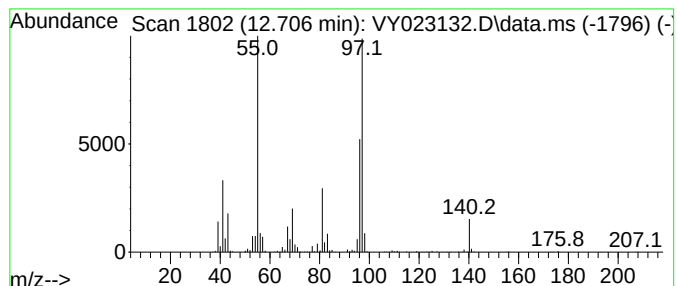
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.706	16.73 ug/l	608175	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	97
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	95
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	94
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91
5			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	91



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ClientSampleId :
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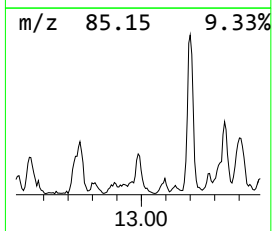
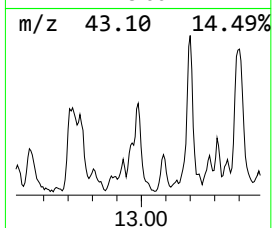
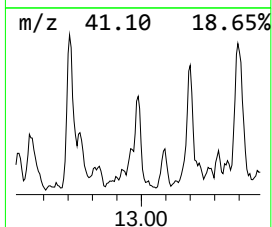
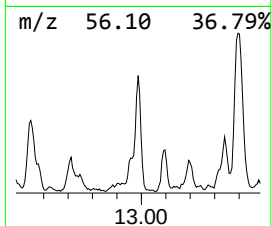
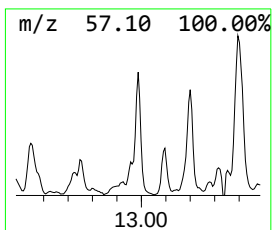
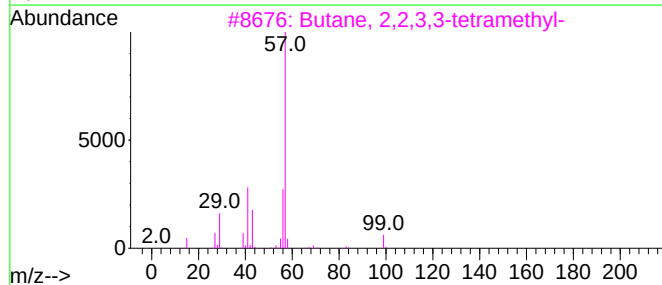
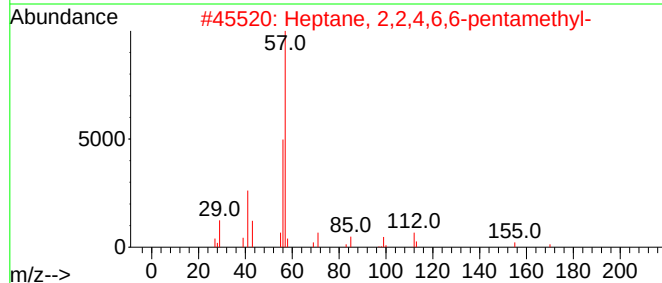
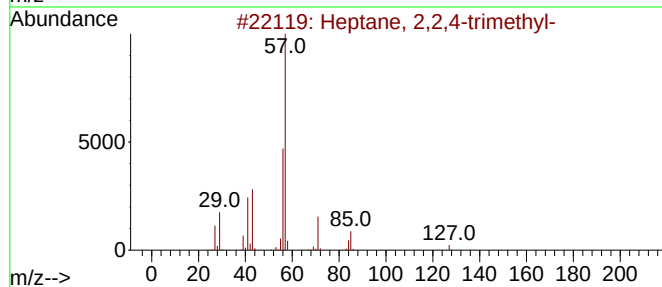
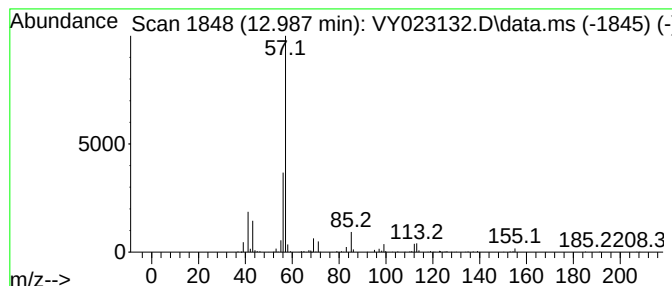
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 4 Heptane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	6.23 ug/l	226382	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	47
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	47
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	47
5			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	42



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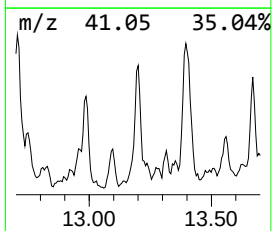
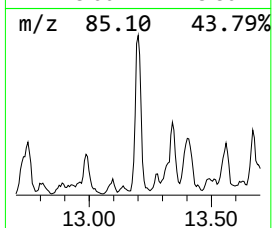
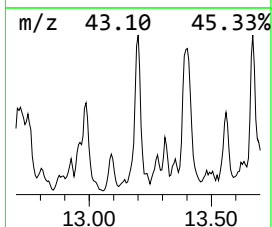
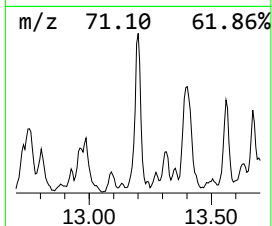
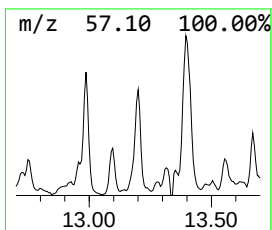
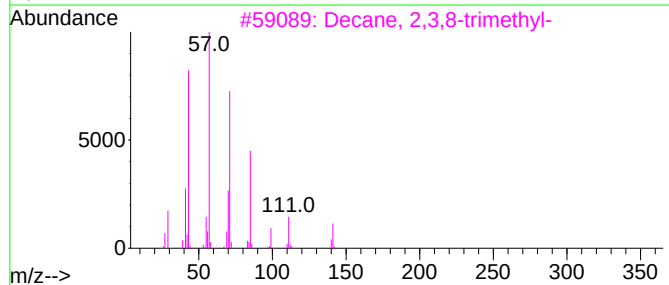
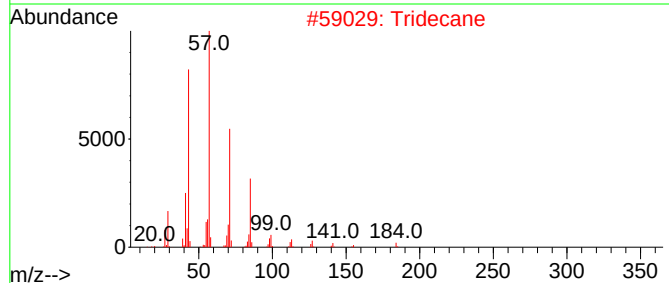
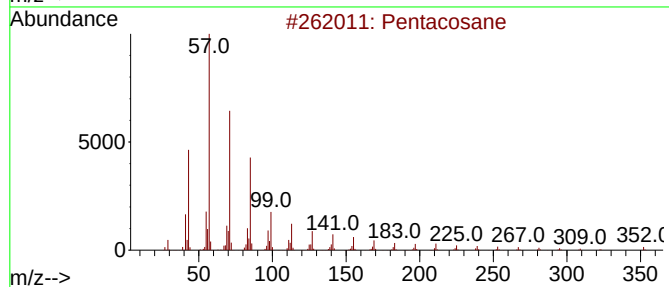
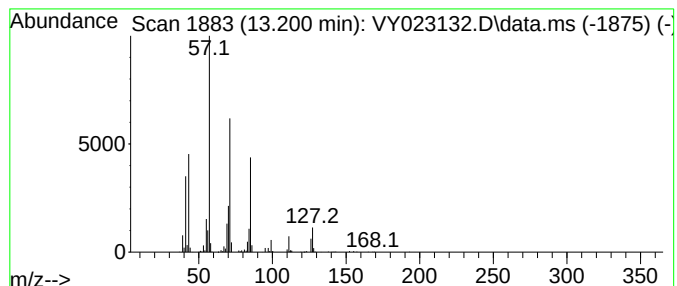
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Quant Title : SW846 8260

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

Peak Number 5 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.200	10.17 ug/l	369590	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	64
2			Tridecane	184	C13H28	000629-50-5	64
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023132.D
Acq On : 15 Aug 2025 17:56
Operator : SY/MD
Sample : Q2865-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS10-0047-VOC

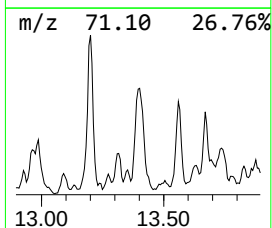
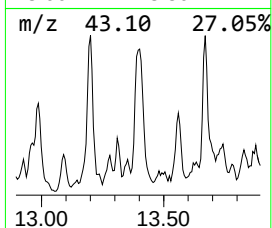
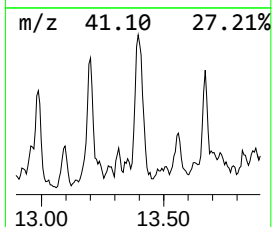
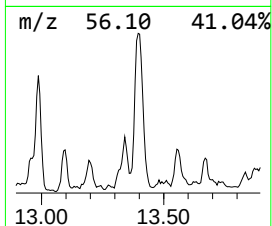
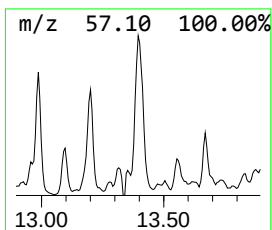
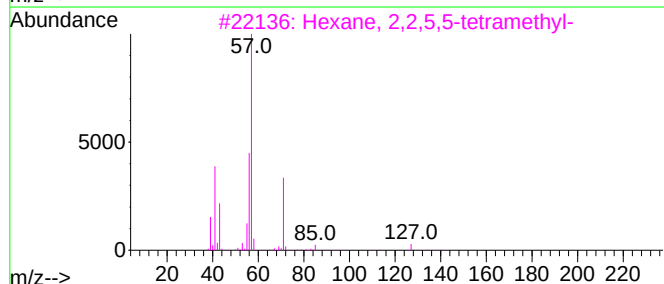
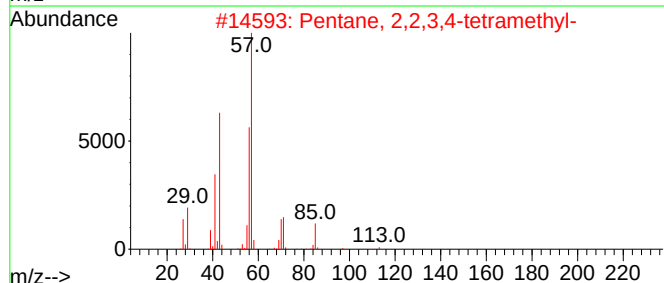
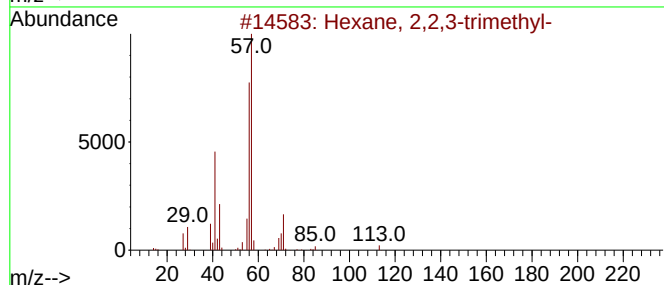
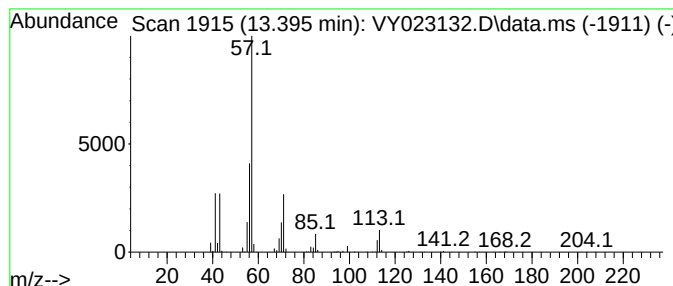
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.395	14.41 ug/l	523650	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023132.D
Acq On : 15 Aug 2025 17:56
Operator : SY/MD
Sample : Q2865-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS10-0047-VOC

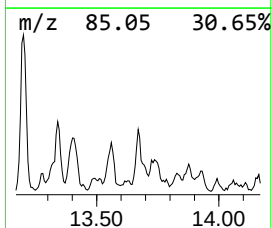
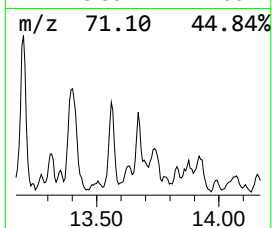
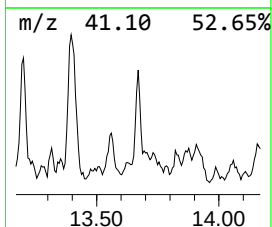
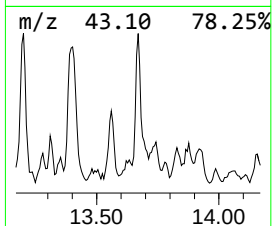
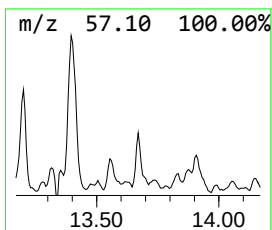
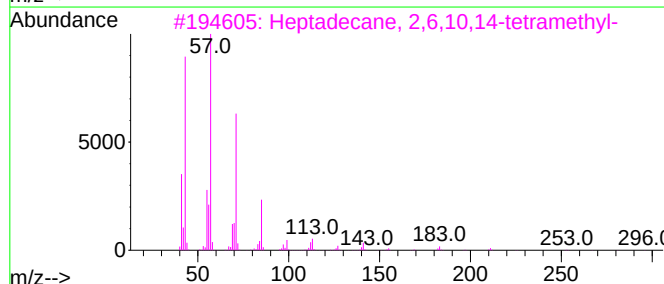
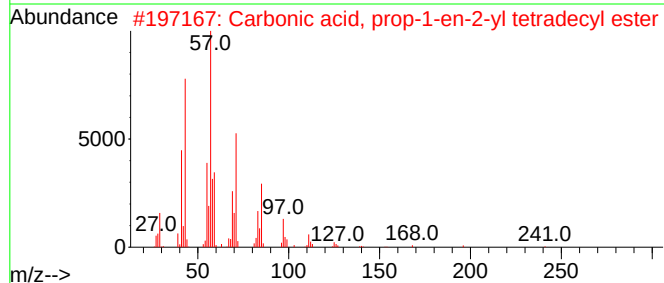
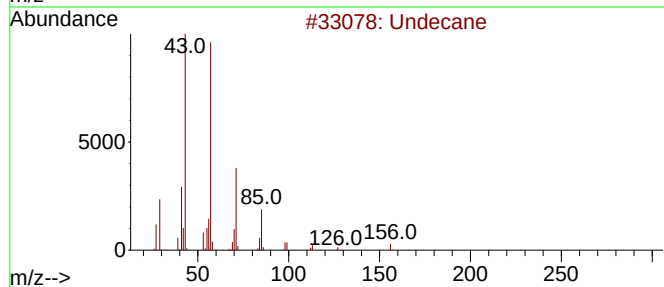
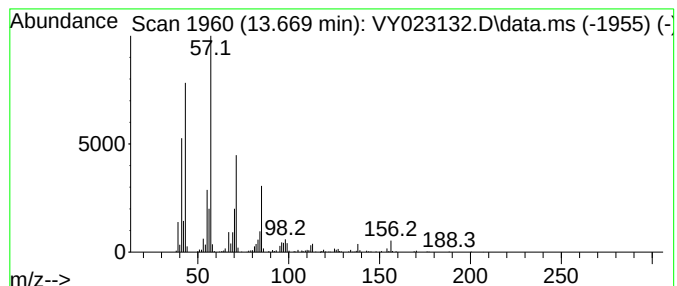
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Quant Title : SW846 8260

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

Peak Number 7 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	5.11 ug/l	185847	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	87
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	80
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53
4			Tridecane	184	C13H28	000629-50-5	53
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023132.D
Acq On : 15 Aug 2025 17:56
Operator : SY/MD
Sample : Q2865-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS10-0047-VOC

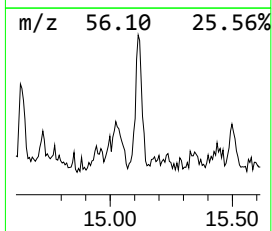
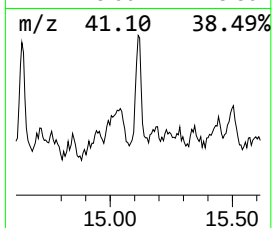
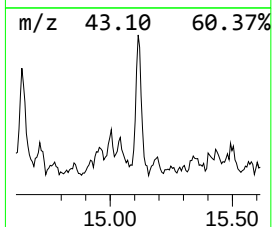
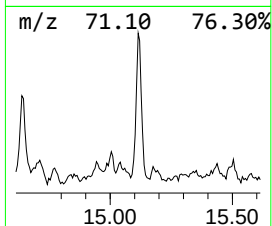
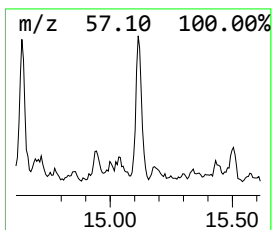
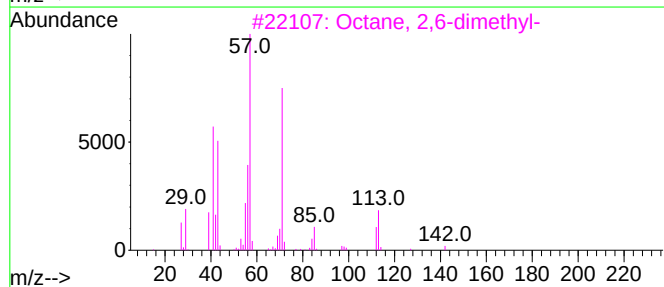
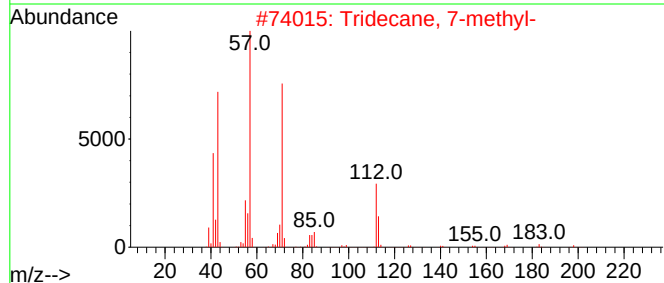
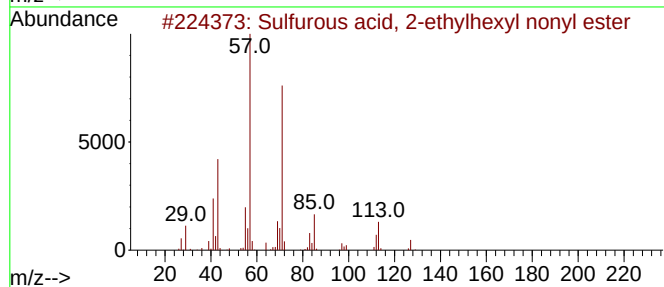
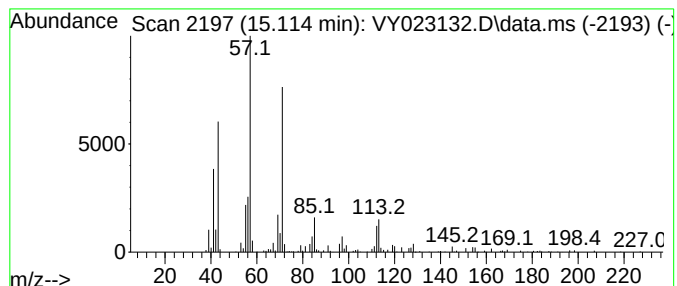
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.114	5.25 ug/l	190981	1,4-Dichlorobenzene-d4	13.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023132.D
Acq On : 15 Aug 2025 17:56
Operator : SY/MD
Sample : Q2865-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS10-0047-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.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
Camphene	12.499	6.1	ug/l	220542	4	13.340	1817340	50.0
Pentane, 2,2,3,...	12.548	5.5	ug/l	198423	4	13.340	1817340	50.0
Cyclohexane, 1-...	12.706	16.7	ug/l	608175	4	13.340	1817340	50.0
Heptane, 2,2,4-...	12.987	6.2	ug/l	226382	4	13.340	1817340	50.0
Pentacosane	13.200	10.2	ug/l	369590	4	13.340	1817340	50.0
Hexane, 2,2,3-t...	13.395	14.4	ug/l	523650	4	13.340	1817340	50.0
Undecane	13.669	5.1	ug/l	185847	4	13.340	1817340	50.0
Sulfurous acid,...	15.114	5.3	ug/l	190981	4	13.340	1817340	50.0