

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022377.D
 Acq On : 21 May 2025 19:02
 Operator : SY/MD
 Sample : Q2102-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0077

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\82Y051525S.M
 Title : SW846 8260

Signal : TIC: VY022377.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.172	70	74	81	rVB2	15665	25791	1.35%	0.227%
2	4.842	500	512	517	rBV2	6733	26917	1.41%	0.237%
3	6.909	838	851	874	rBV	248110	860698	45.08%	7.573%
4	7.640	959	971	977	rBV2	160178	386489	20.24%	3.401%
5	7.719	977	984	995	rVB	282602	648495	33.97%	5.706%
6	8.067	1027	1041	1053	rBV2	203652	556116	29.13%	4.893%
7	8.622	1120	1132	1144	rBV	456171	884236	46.32%	7.780%
8	10.115	1369	1377	1384	rBV	648173	1111138	58.20%	9.777%
9	10.512	1435	1442	1453	rBV	325531	596252	31.23%	5.246%
10	10.884	1496	1503	1515	rBV	242990	467106	24.47%	4.110%
11	11.255	1553	1564	1569	rBV3	15553	31746	1.66%	0.279%
12	11.420	1583	1591	1602	rBV	523253	822146	43.06%	7.234%
13	11.963	1668	1680	1686	rBV8	8069	28357	1.49%	0.250%
14	12.261	1723	1729	1735	rBV	59414	100902	5.29%	0.888%
15	12.420	1747	1755	1763	rBV2	1103437	1909088	100.00%	16.798%
16	12.737	1802	1807	1813	rVV4	48144	99022	5.19%	0.871%
17	12.816	1813	1820	1826	rVB2	33908	67457	3.53%	0.594%
18	12.969	1841	1845	1851	rVB3	24003	37283	1.95%	0.328%
19	13.048	1852	1858	1862	rBV	47841	74438	3.90%	0.655%
20	13.243	1882	1890	1894	rBV5	28854	64345	3.37%	0.566%
21	13.292	1894	1898	1900	rVV3	16630	26411	1.38%	0.232%
22	13.353	1901	1908	1917	rVB	229168	380473	19.93%	3.348%
23	13.426	1917	1920	1928	rBV6	15143	25551	1.34%	0.225%
24	13.676	1955	1961	1966	rBV2	196348	289427	15.16%	2.547%
25	13.718	1966	1968	1973	rVV4	21226	35005	1.83%	0.308%
26	13.773	1974	1977	1984	rVV8	18907	45566	2.39%	0.401%
27	13.840	1984	1988	1992	rVV5	28842	63076	3.30%	0.555%
28	13.889	1992	1996	2001	rVV	79632	130317	6.83%	1.147%
29	13.938	2001	2004	2009	rVB3	19336	30335	1.59%	0.267%
30	14.005	2009	2015	2019	rBV	59952	101880	5.34%	0.896%
31	14.084	2019	2028	2031	rBV4	27679	65689	3.44%	0.578%
32	14.182	2037	2044	2050	rBV9	60686	158334	8.29%	1.393%
33	14.237	2050	2053	2059	rVB4	21785	37611	1.97%	0.331%
34	14.304	2060	2064	2067	rBV5	32508	50768	2.66%	0.447%
35	14.340	2067	2070	2074	rVB4	39029	51518	2.70%	0.453%
36	14.395	2077	2079	2084	rVB5	13738	19219	1.01%	0.169%

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Peak separation: 5

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37	14.535	2098	2102	2107	rVB	87295	111769	5.85%	0.983%
38	14.602	2107	2113	2117	rBV6	48033	113408	5.94%	0.998%
39	14.651	2117	2121	2127	rVV4	76346	138446	7.25%	1.218%
40	14.858	2152	2155	2159	rVB4	43381	57646	3.02%	0.507%
41	14.956	2167	2171	2176	rBV7	22941	52040	2.73%	0.458%
42	15.047	2182	2186	2192	rVB6	48837	107538	5.63%	0.946%
43	15.127	2195	2199	2204	rBV4	47322	78132	4.09%	0.687%
44	15.346	2231	2235	2246	rBV4	60143	180968	9.48%	1.592%
45	15.511	2257	2262	2268	rVB6	62934	117787	6.17%	1.036%
46	16.053	2348	2351	2356	rVB4	65564	98116	5.14%	0.863%

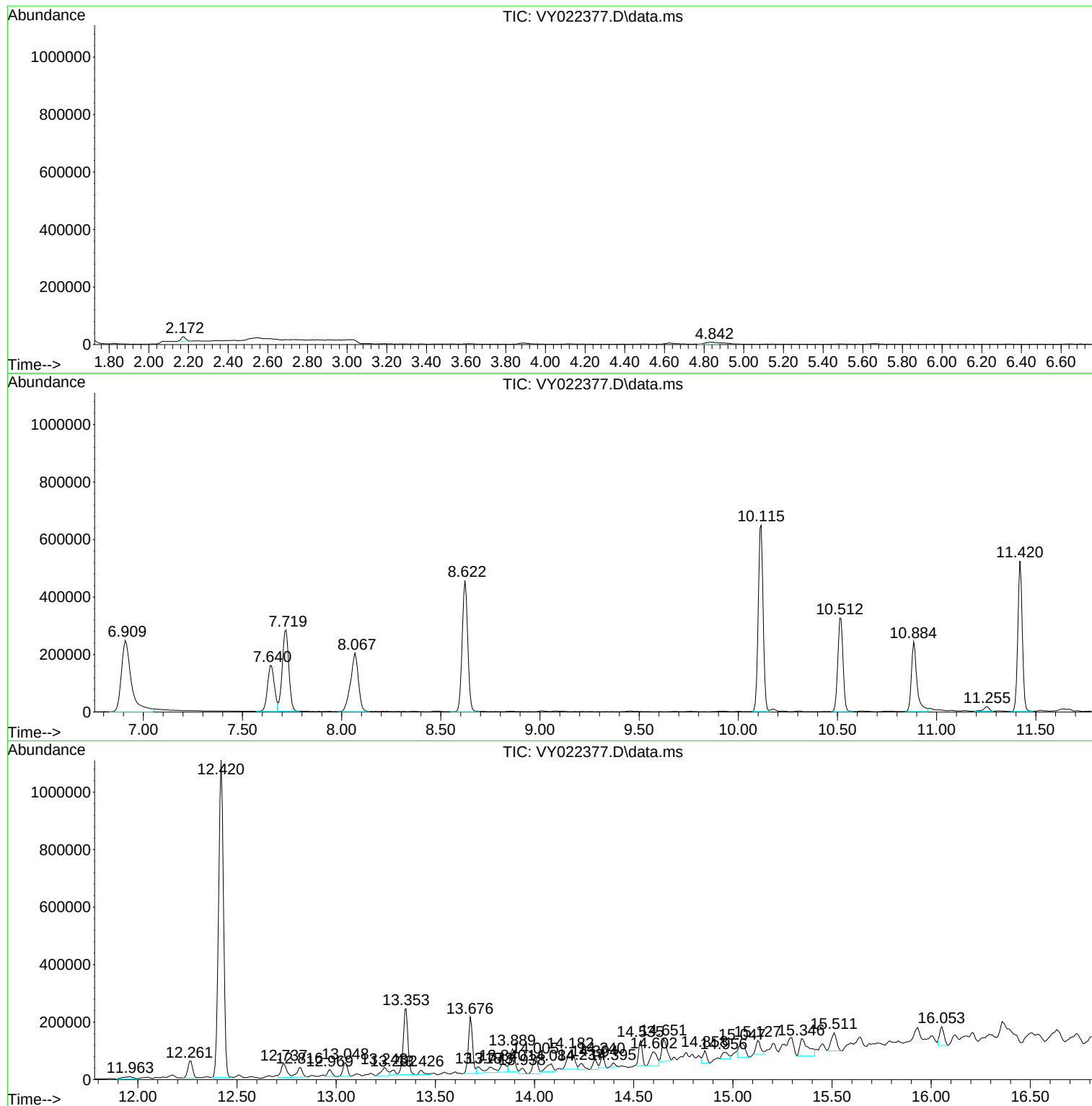
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LAW-25-0077

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0077

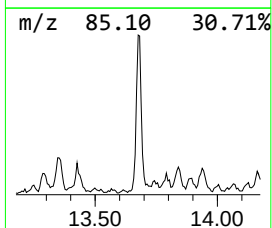
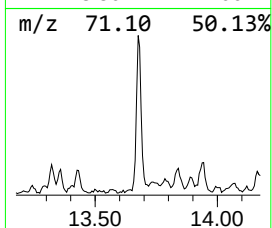
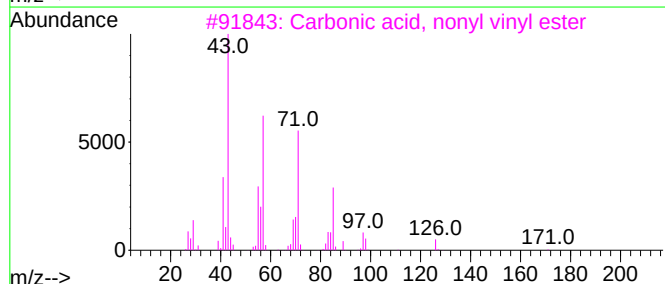
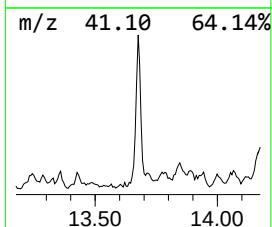
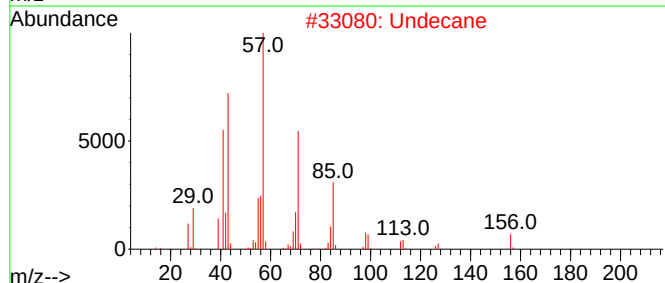
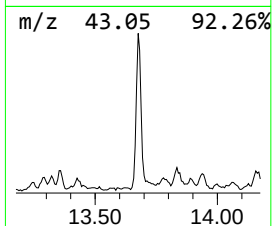
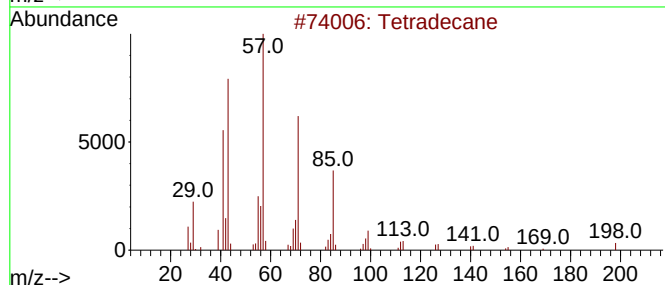
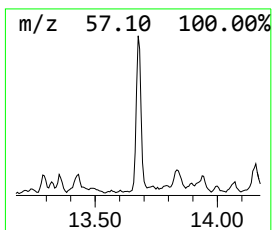
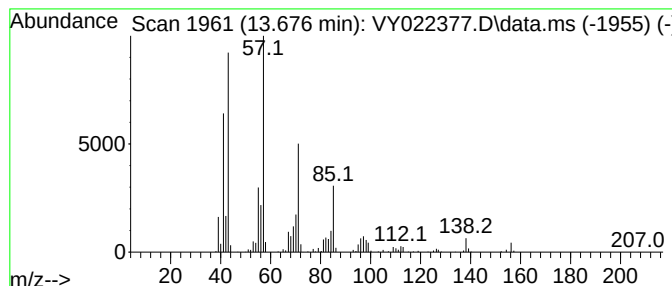
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 4 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	38.04 ug/l	289427	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	80
2			Undecane	156	C11H24	001120-21-4	80
3			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
4			Decane	142	C10H22	000124-18-5	72
5			Tridecane	184	C13H28	000629-50-5	64



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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0077

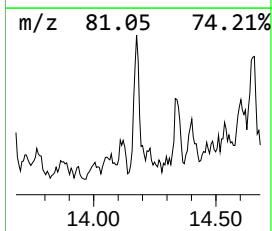
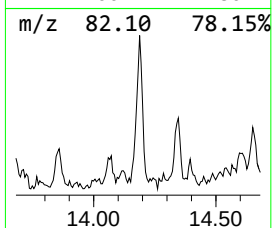
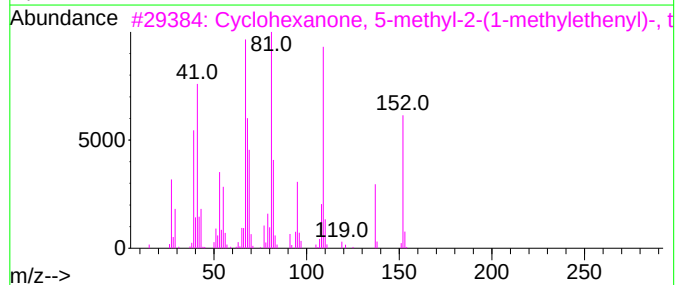
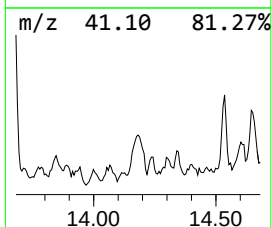
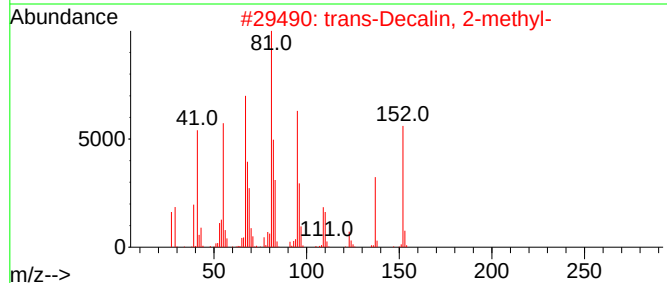
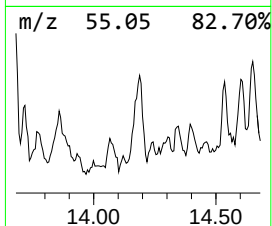
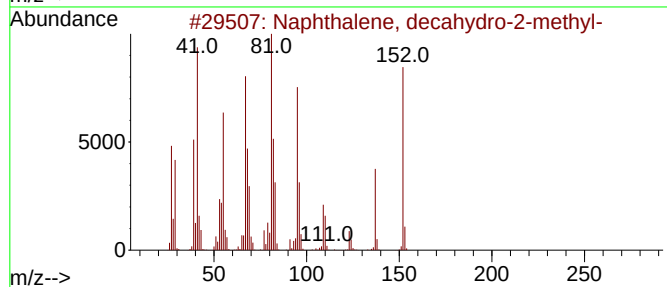
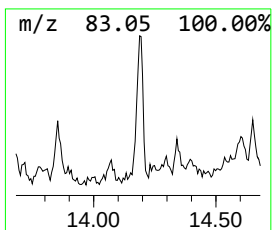
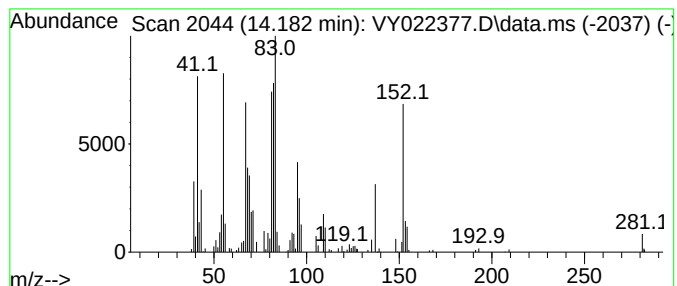
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.182	20.81 ug/l	158334	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	53
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	49
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49
5			Cyclohexanepropanol-	142	C9H18O	001124-63-6	46



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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0077

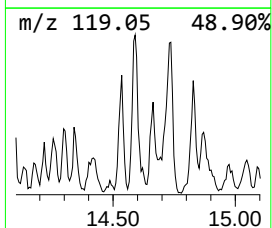
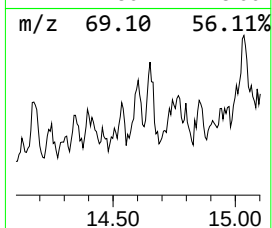
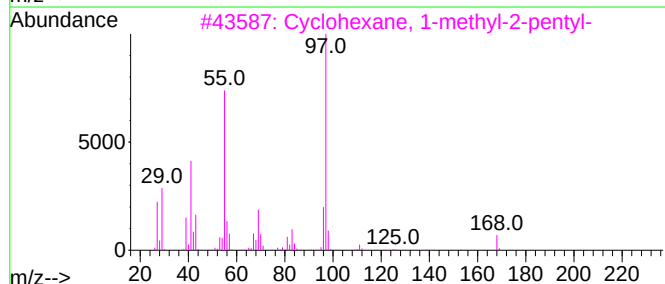
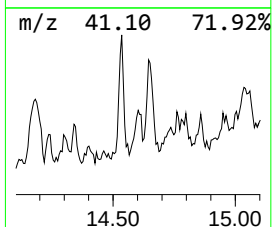
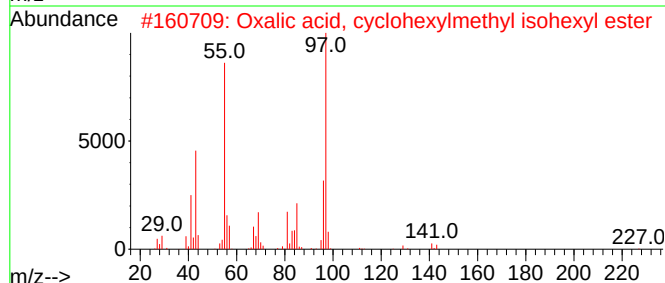
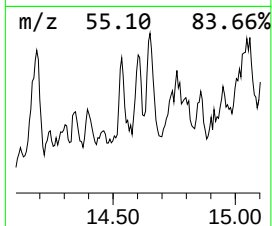
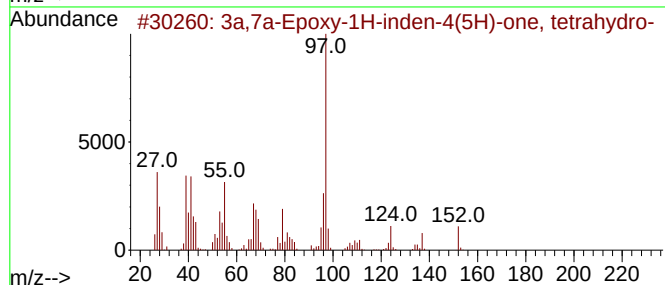
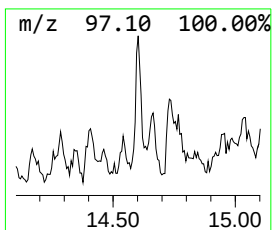
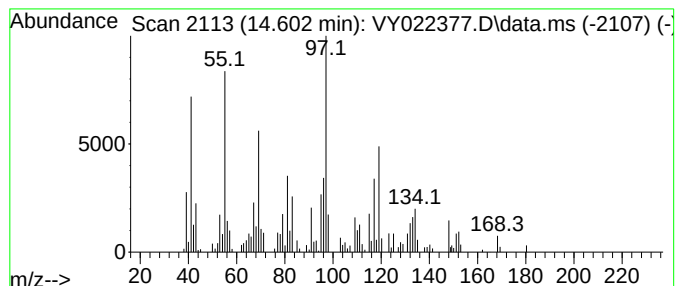
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.602 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	14.90 ug/l	113408	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	35		
2	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	27		
3	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	27		
4	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	27		
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	27		



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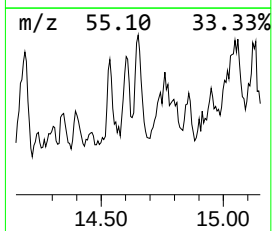
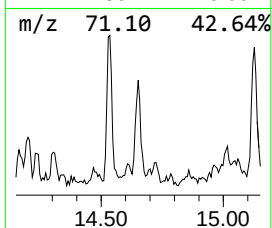
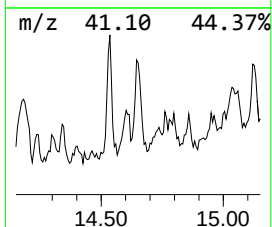
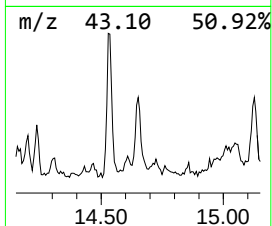
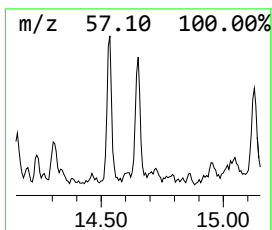
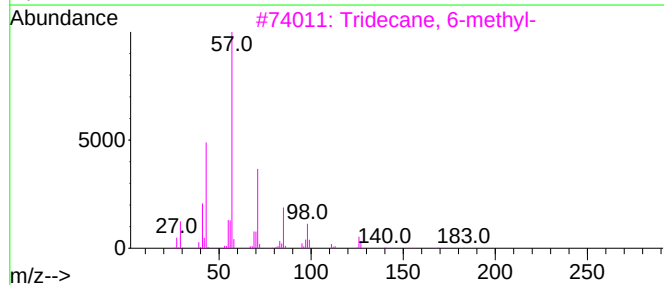
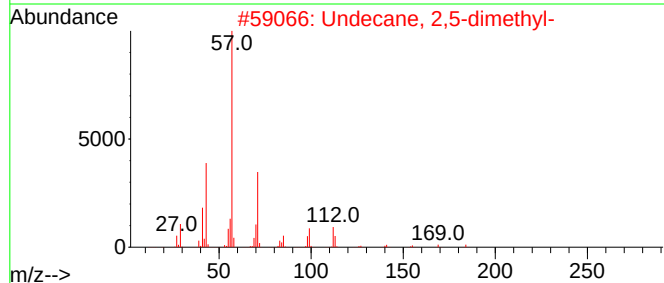
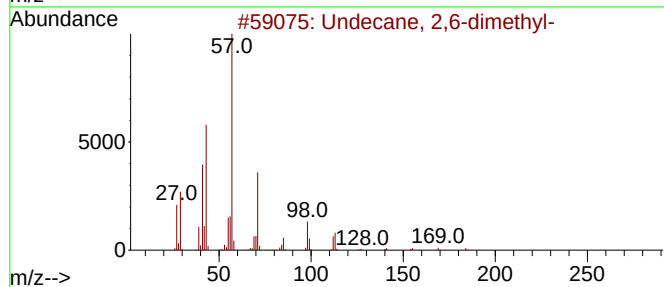
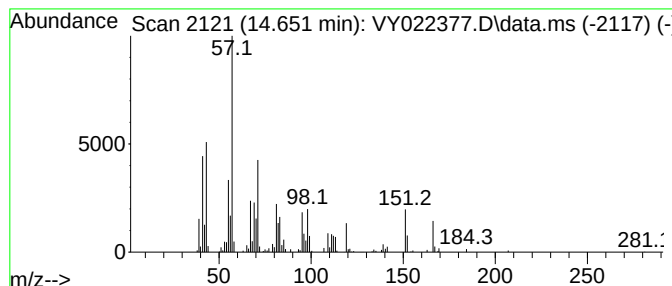
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.651 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	18.19 ug/l	138446	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	35
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	35



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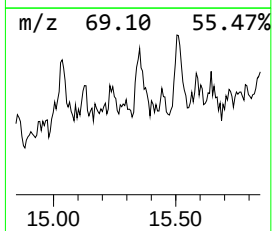
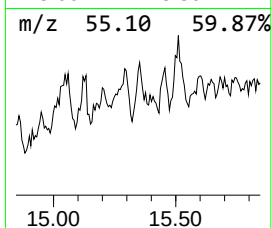
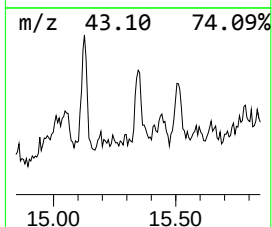
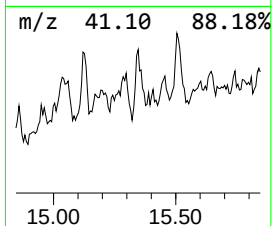
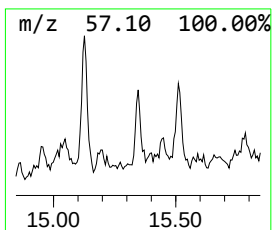
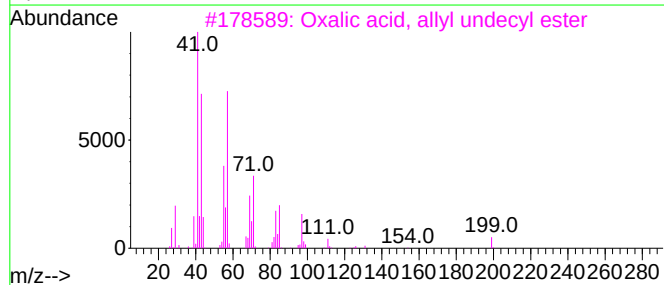
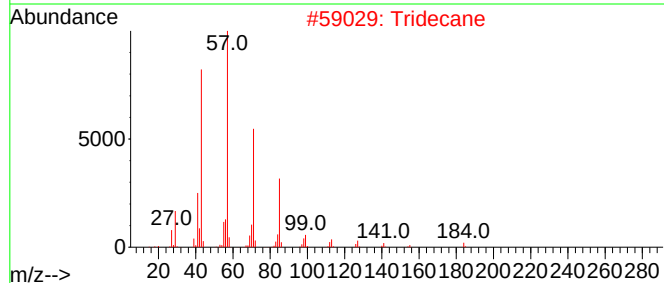
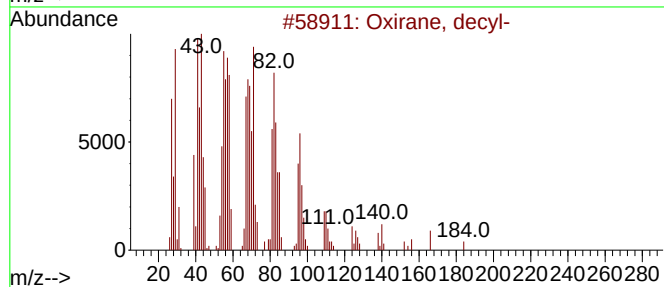
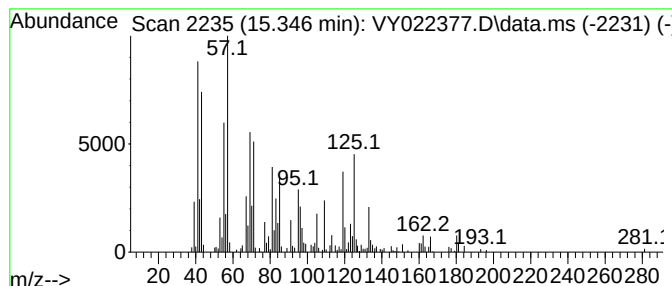
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.346 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.346	23.78 ug/l	180968	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, decyl-	184	C12H24O	002855-19-8	25
2			Tridecane	184	C13H28	000629-50-5	15
3			Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	14
4			Phytol	296	C20H40O	000150-86-7	14
5			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022377.D
Acq On : 21 May 2025 19:02
Operator : SY/MD
Sample : Q2102-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0077

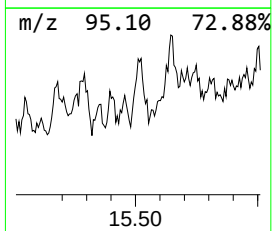
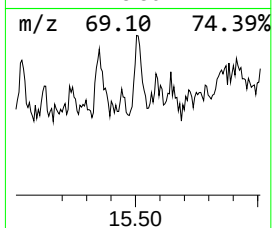
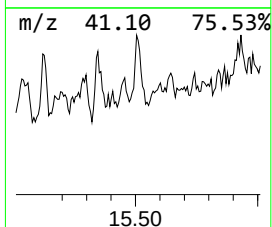
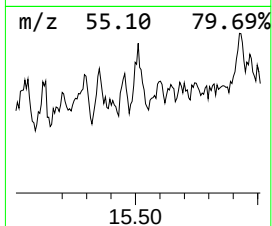
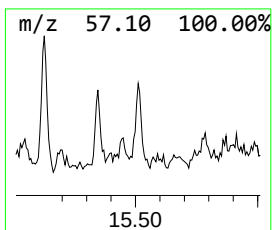
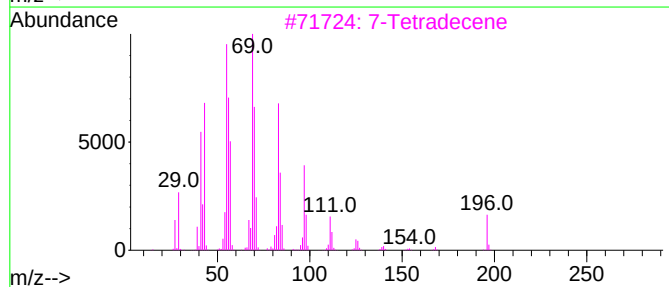
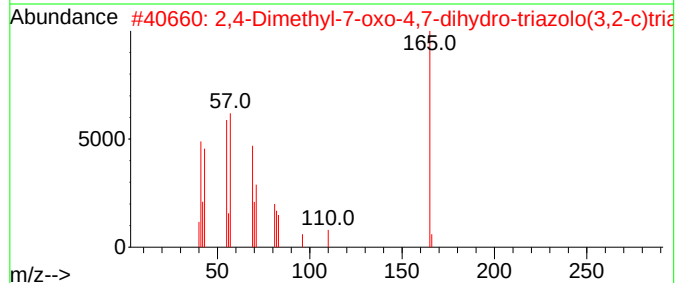
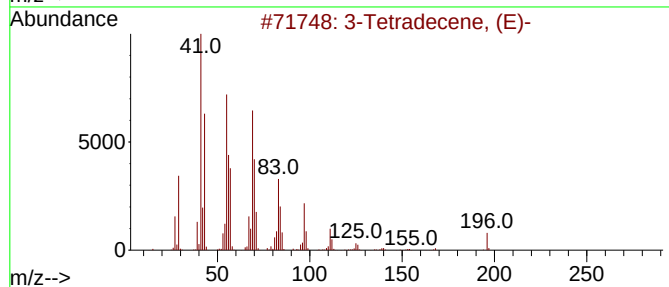
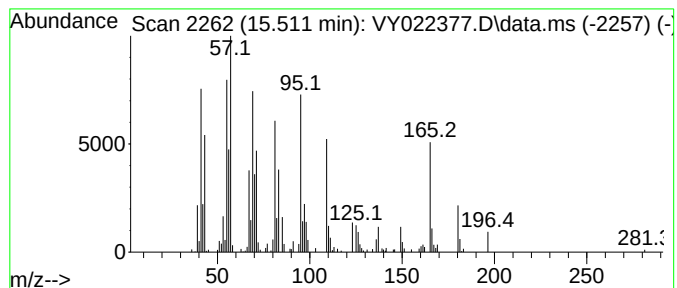
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260

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

Peak Number 10 3-Tetradecene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.511	15.48 ug/l	117787	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Tetradecene, (E)-	196	C14H28	041446-68-8	55
2			2,4-Dimethyl-7-oxo-4,7-dihydro-t...	165	C6H7N5O	061402-43-5	55
3			7-Tetradecene	196	C14H28	010374-74-0	55
4			7-Tetradecene, (E)-	196	C14H28	041446-63-3	55
5			6-Tetradecene, (E)-	196	C14H28	041446-64-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022377.D
Acq On : 21 May 2025 19:02
Operator : SY/MD
Sample : Q2102-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0077

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.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
Tetradecane	13.676	38.0	ug/l	289427	4	13.353	380473	50.0
Naphthalene, de...	14.182	20.8	ug/l	158334	4	13.353	380473	50.0
unknown14.602	14.602	14.9	ug/l	113408	4	13.353	380473	50.0
unknown14.651	14.651	18.2	ug/l	138446	4	13.353	380473	50.0
unknown15.346	15.346	23.8	ug/l	180968	4	13.353	380473	50.0
3-Tetradecene, ...	15.511	15.5	ug/l	117787	4	13.353	380473	50.0