

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022109.D
 Acq On : 01 May 2025 16:04
 Operator : SY/MD
 Sample : Q1914-03
 Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-2

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\82Y042225S.M
 Title : SW846 8260

Signal : TIC: VY022109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.105	50	63	64	rBV8	8146	27036	1.40%	0.178%
2	7.634	960	970	976	rBV	293842	703008	36.29%	4.623%
3	7.707	976	982	997	rVB	415133	951182	49.10%	6.255%
4	8.061	1031	1040	1053	rBV2	209319	474686	24.50%	3.121%
5	8.616	1122	1131	1141	rBV	718093	1369845	70.71%	9.008%
6	9.109	1201	1212	1218	rBV4	7366	20523	1.06%	0.135%
7	10.109	1368	1376	1390	rBV	1131952	1937270	100.00%	12.739%
8	10.298	1399	1407	1413	rVB9	9353	22118	1.14%	0.145%
9	11.018	1520	1525	1531	rBV3	16004	28455	1.47%	0.187%
10	11.213	1547	1557	1566	rVB4	25086	69141	3.57%	0.455%
11	11.304	1567	1572	1579	rBV2	20679	36018	1.86%	0.237%
12	11.414	1583	1590	1603	rBV	1045528	1705664	88.04%	11.216%
13	11.554	1608	1613	1616	rVV5	11636	21861	1.13%	0.144%
14	11.603	1616	1621	1623	rVV5	15441	31496	1.63%	0.207%
15	11.639	1623	1627	1636	rVV5	49730	120477	6.22%	0.792%
16	11.932	1667	1675	1682	rBV6	32187	82637	4.27%	0.543%
17	12.048	1690	1694	1698	rVB2	24554	33130	1.71%	0.218%
18	12.127	1703	1707	1710	rBV5	19940	33892	1.75%	0.223%
19	12.164	1710	1713	1718	rVB3	21355	37369	1.93%	0.246%
20	12.310	1729	1737	1738	rBV7	12660	25903	1.34%	0.170%
21	12.340	1739	1742	1744	rVV2	29757	40564	2.09%	0.267%
22	12.408	1748	1753	1765	rVB2	918421	1555630	80.30%	10.230%
23	12.566	1775	1779	1788	rBV9	18569	36835	1.90%	0.242%
24	12.731	1799	1806	1811	rBV2	161487	265215	13.69%	1.744%
25	12.786	1812	1815	1820	rVB4	28599	41133	2.12%	0.270%
26	12.877	1826	1830	1834	rBV4	17643	23600	1.22%	0.155%
27	12.932	1834	1839	1841	rBV3	20075	33340	1.72%	0.219%
28	12.962	1841	1844	1850	rVB	64477	98971	5.11%	0.651%
29	13.023	1850	1854	1861	rBV6	14614	31410	1.62%	0.207%
30	13.096	1861	1866	1871	rBV4	23943	41264	2.13%	0.271%
31	13.145	1871	1874	1882	rVB6	21903	44305	2.29%	0.291%
32	13.243	1882	1890	1893	rBV5	46163	108479	5.60%	0.713%
33	13.285	1893	1897	1900	rVV2	43161	62677	3.24%	0.412%
34	13.346	1900	1907	1914	rVB	998317	1549753	80.00%	10.191%
35	13.426	1916	1920	1926	rBV2	54214	77691	4.01%	0.511%
36	13.615	1946	1951	1954	rBV7	16276	29355	1.52%	0.193%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022109.D
 Acq On : 01 May 2025 16:04
 Operator : SY/MD
 Sample : Q1914-03
 Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-2

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\82Y042225S.M
 Title : SW846 8260

37	13.676	1955	1961	1965	rVV2	258567	393182	20.30%	2.585%
38	13.712	1965	1967	1972	rVV2	51764	86944	4.49%	0.572%
39	13.773	1972	1977	1982	rVV7	34841	91463	4.72%	0.601%
40	13.834	1983	1987	1990	rVV3	54736	105409	5.44%	0.693%
41	13.889	1991	1996	2000	rVV	167343	305931	15.79%	2.012%
42	13.938	2001	2004	2008	rVB3	47809	65484	3.38%	0.431%
43	13.999	2010	2014	2018	rBV4	27129	40973	2.11%	0.269%
44	14.066	2019	2025	2029	rVV4	40050	84906	4.38%	0.558%
45	14.115	2030	2033	2036	rVV4	29771	46204	2.39%	0.304%
46	14.169	2036	2042	2050	rVV7	133564	378943	19.56%	2.492%
47	14.236	2050	2053	2059	rVV	65796	106422	5.49%	0.700%
48	14.304	2060	2064	2067	rVV4	62447	104812	5.41%	0.689%
49	14.340	2067	2070	2074	rVV3	70273	107865	5.57%	0.709%
50	14.395	2075	2079	2086	rVB4	50841	96091	4.96%	0.632%
51	14.529	2097	2101	2108	rBV	195941	278876	14.40%	1.834%
52	14.602	2109	2113	2116	rVV2	52289	76398	3.94%	0.502%
53	14.645	2116	2120	2128	rVB3	119165	204107	10.54%	1.342%
54	14.724	2130	2133	2136	rBV4	20838	28099	1.45%	0.185%
55	14.767	2137	2140	2143	rBV4	25161	32600	1.68%	0.214%
56	14.852	2151	2154	2159	rVB5	35144	55280	2.85%	0.364%
57	14.956	2167	2171	2175	rBV5	27931	51970	2.68%	0.342%
58	15.011	2177	2180	2183	rVV4	30448	51131	2.64%	0.336%
59	15.053	2183	2187	2193	rVB5	61757	113822	5.88%	0.748%
60	15.120	2194	2198	2203	rVB3	64089	100819	5.20%	0.663%
61	15.169	2203	2206	2209	rBV4	15538	22268	1.15%	0.146%
62	15.346	2230	2235	2242	rVB	116809	179010	9.24%	1.177%
63	15.450	2249	2252	2256	rVB6	21503	30124	1.55%	0.198%
64	15.913	2324	2328	2334	rVV6	17194	36310	1.87%	0.239%
65	15.986	2336	2340	2347	rVV8	21312	43587	2.25%	0.287%
66	16.047	2347	2350	2358	rVB6	19133	38147	1.97%	0.251%
67	16.254	2379	2384	2390	rBV2	46256	78128	4.03%	0.514%

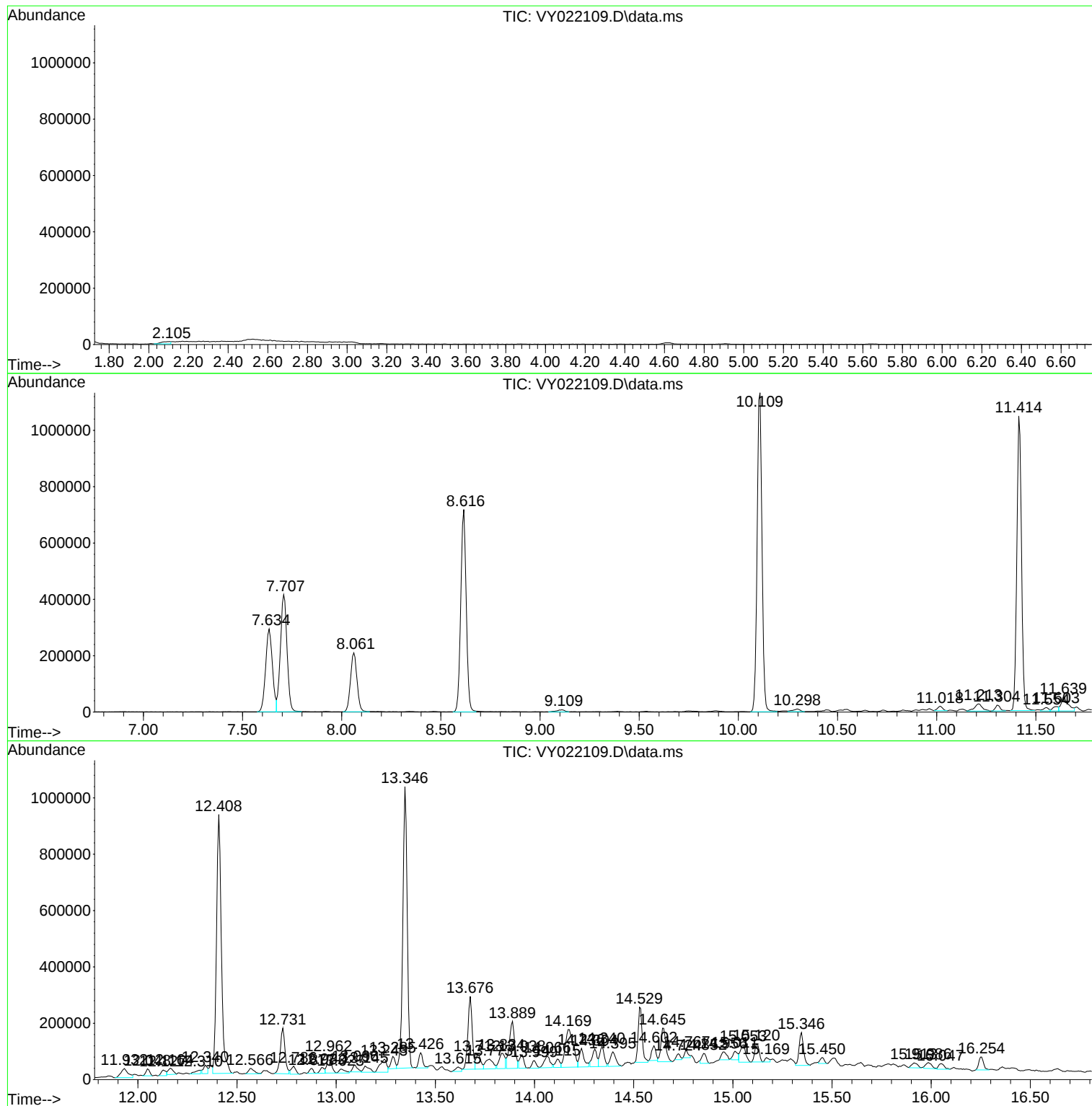
Sum of corrected areas: 15207238

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

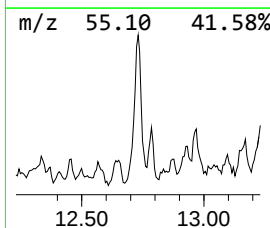
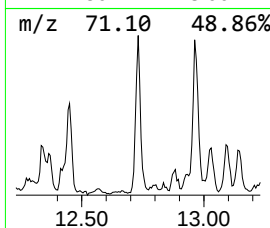
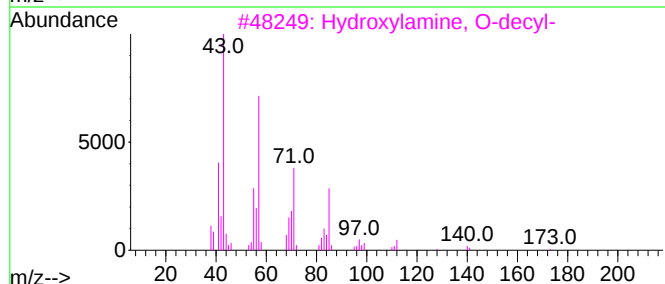
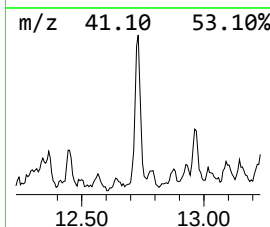
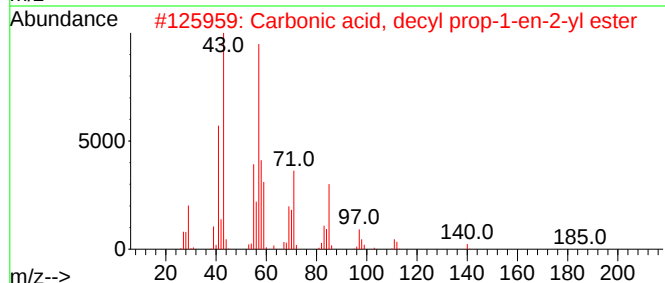
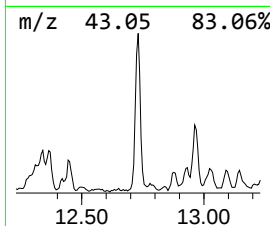
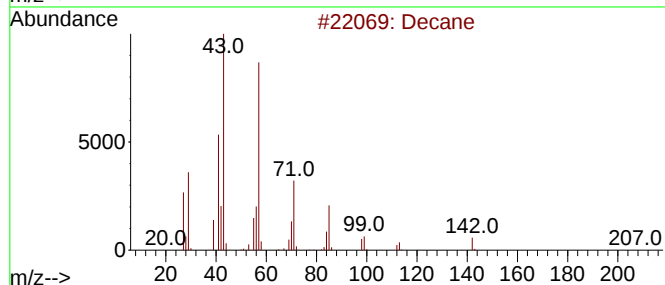
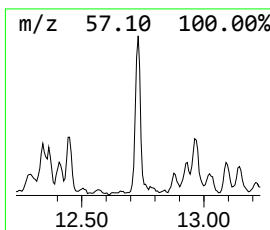
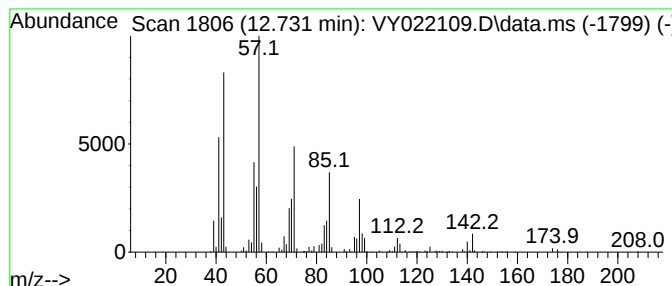
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	8.56 ug/l	265215	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	81
2			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	80
3			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
4			Undecane	156	C11H24	001120-21-4	59
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

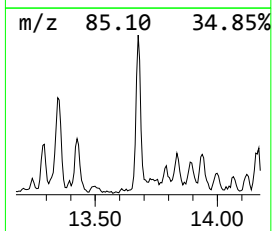
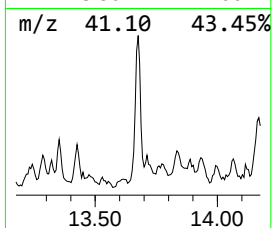
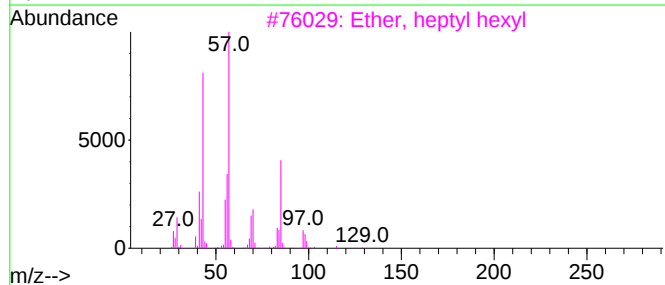
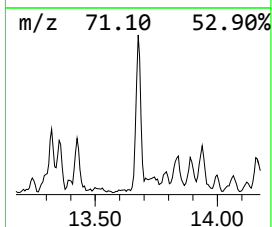
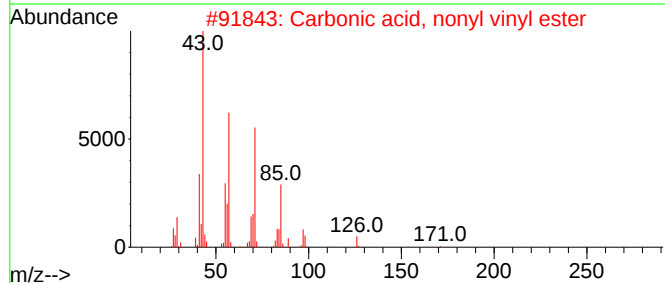
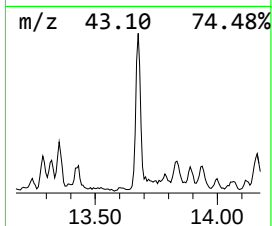
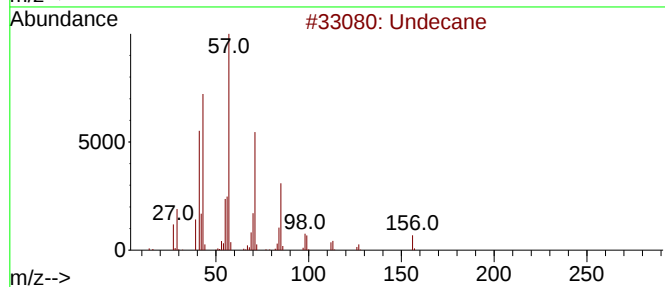
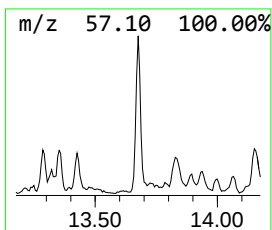
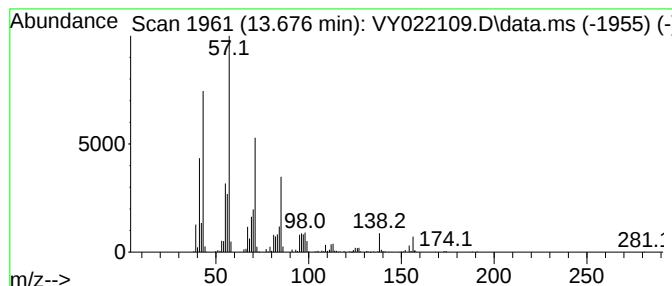
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	12.69 ug/l	393182	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	90
2	Carbonic acid, nonyl vinyl ester			214	C12H22O3	1000383-25-6	72
3	Ether, heptyl hexyl			200	C13H28O	007289-40-9	53
4	Tetradecane			198	C14H30	000629-59-4	53
5	Heptadecane, 2,6,10,14-tetramethyl-			296	C21H44	018344-37-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

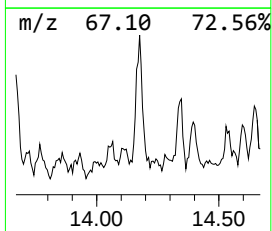
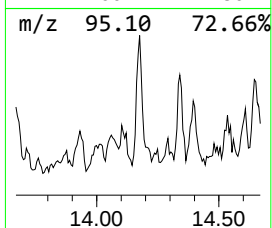
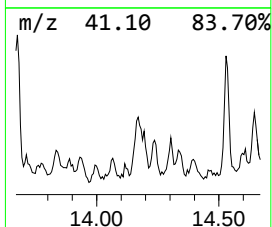
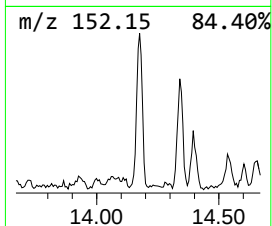
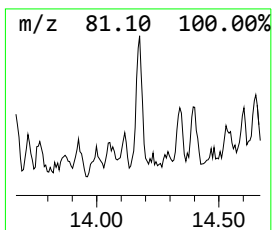
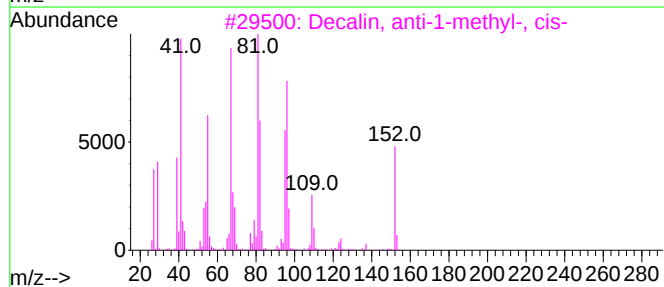
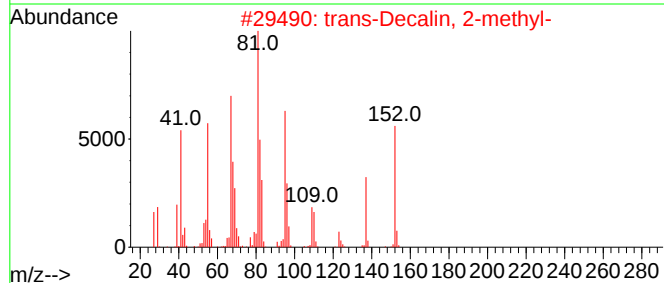
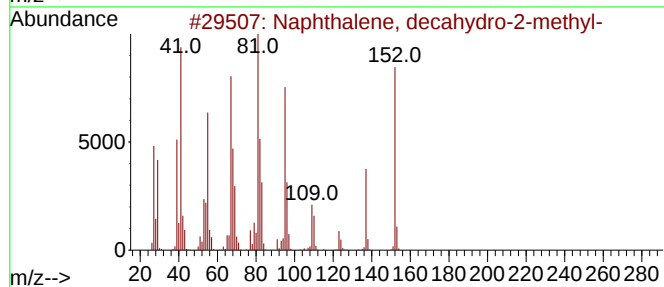
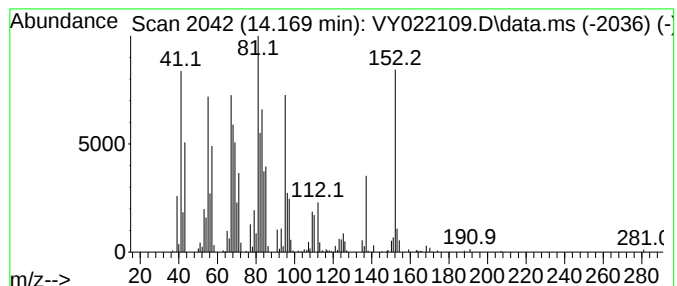
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.169	12.23 ug/l	378943	1,4-Dichlorobenzene-d4		13.346	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	97
2	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	86
3	Decalin, anti-1-methyl-, cis-		152	C11H20	1000158-89-0	55
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...		152	C10H16O	000464-48-2	53
5	Cyclohexanone, 5-methyl-2-(1-met...		152	C10H16O	015932-80-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

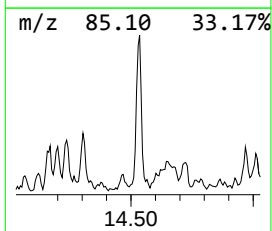
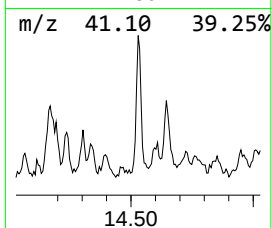
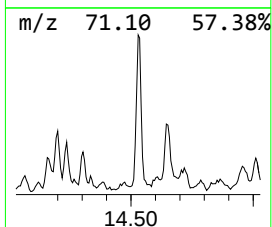
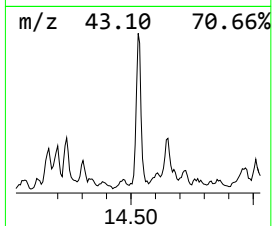
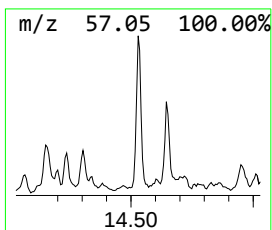
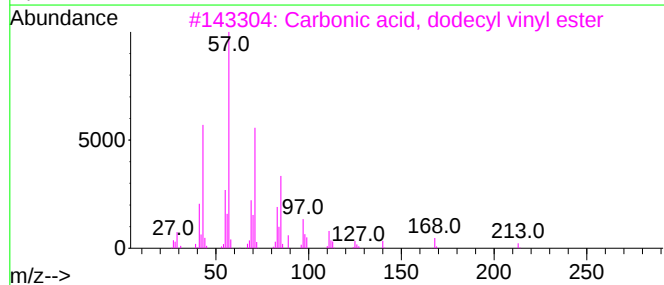
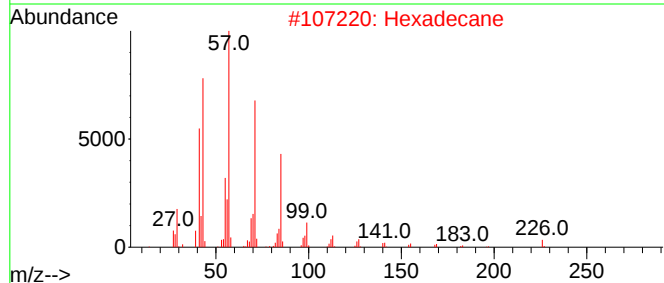
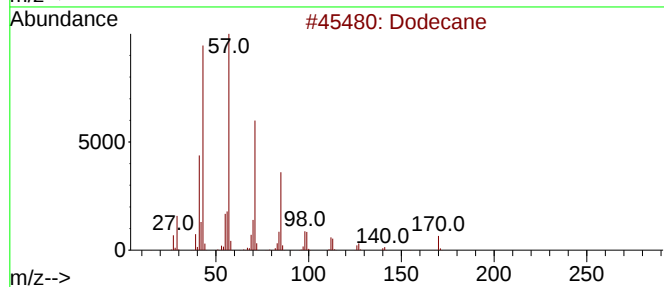
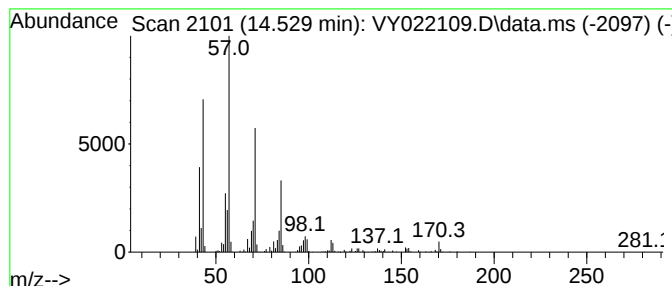
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	9.00 ug/l	278876	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Hexadecane	226	C16H34	000544-76-3	86
3			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	83
4			Decane	142	C10H22	000124-18-5	81
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

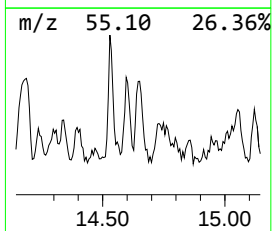
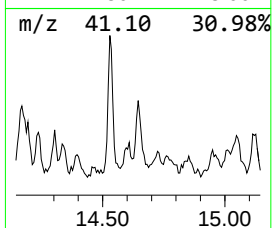
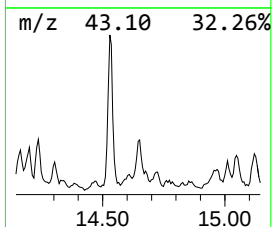
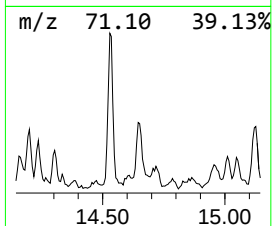
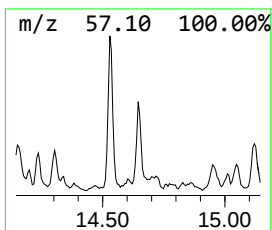
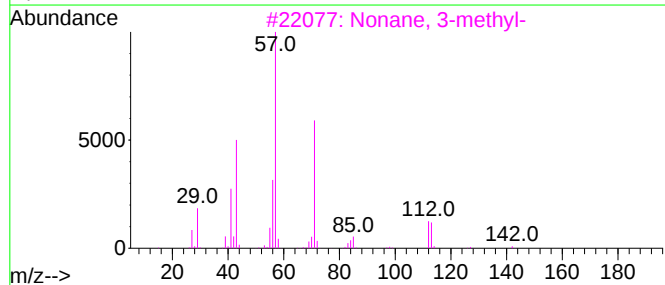
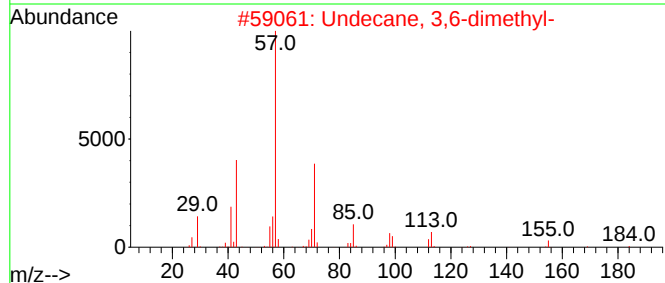
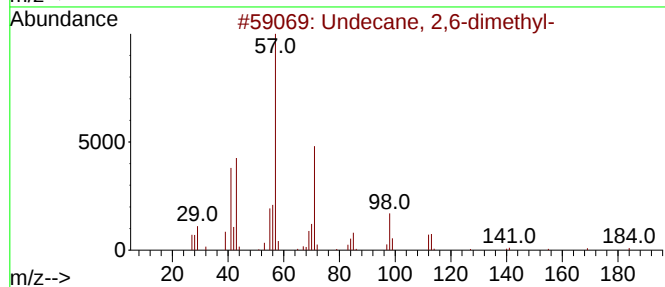
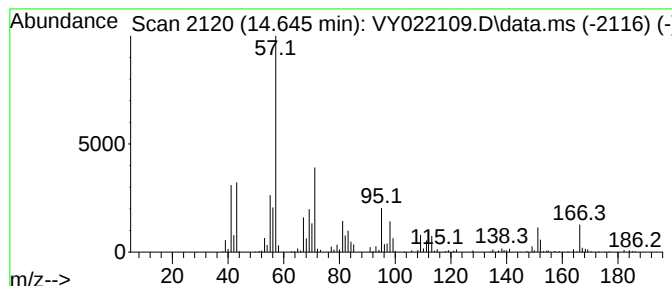
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	6.59 ug/l	204107	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
5			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

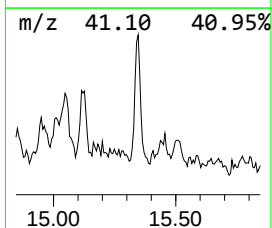
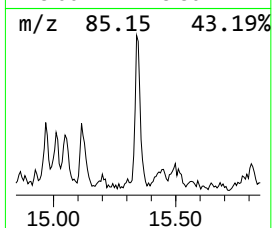
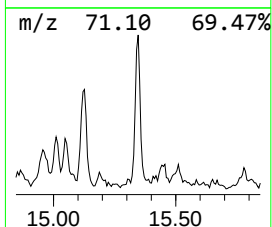
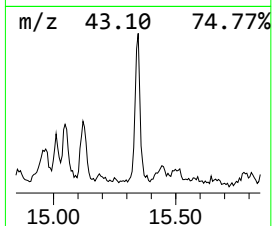
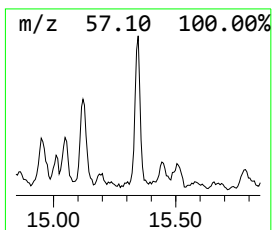
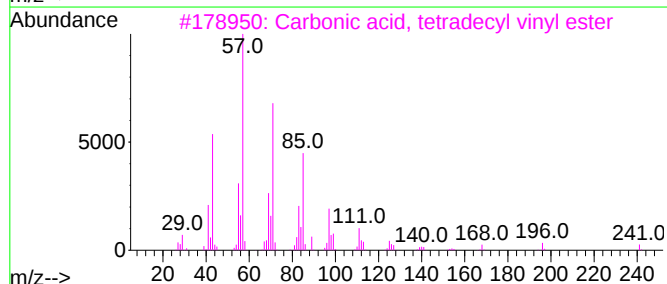
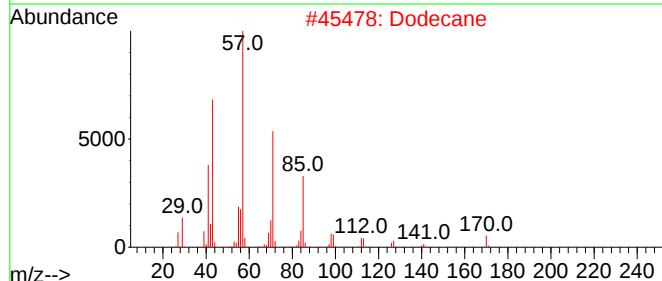
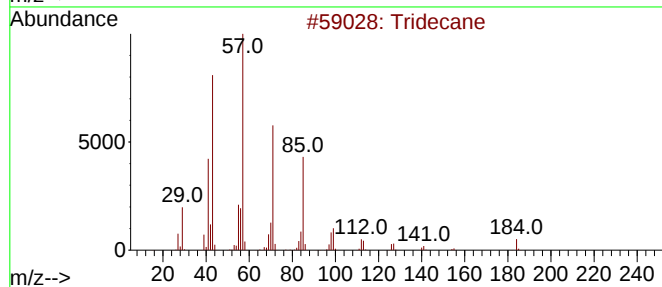
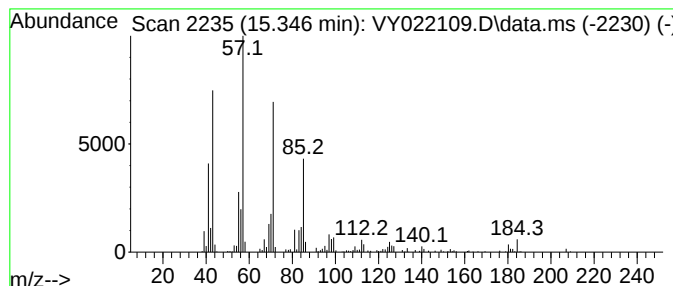
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260

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

Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.346	5.78 ug/l	179010	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Dodecane	170	C12H26	000112-40-3	86
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86
4			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	78
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.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
Decane	12.731	8.6	ug/l	265215	4	13.346	1549750	50.0
Undecane	13.676	12.7	ug/l	393182	4	13.346	1549750	50.0
Naphthalene, de...	14.169	12.2	ug/l	378943	4	13.346	1549750	50.0
Dodecane	14.529	9.0	ug/l	278876	4	13.346	1549750	50.0
Undecane, 2,6-d...	14.645	6.6	ug/l	204107	4	13.346	1549750	50.0
Tridecane	15.346	5.8	ug/l	179010	4	13.346	1549750	50.0