

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021338.D
 Acq On : 26 Feb 2025 17:48
 Operator : SY/MD
 Sample : Q1415-03
 Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-163-SB02

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\82Y022525S.M
 Title : SW846 8260

Signal : TIC: VY021338.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	13	17	19	rBV2	14988	19707	1.01%	0.095%
2	2.336	96	101	110	rBV	29599	50253	2.56%	0.242%
3	3.866	341	352	362	rBV2	23771	64005	3.27%	0.309%
4	5.476	603	616	632	rVB4	8849	30339	1.55%	0.146%
5	6.890	840	848	861	rBV	9902	29653	1.51%	0.143%
6	7.634	960	970	976	rBV	263299	629190	32.10%	3.036%
7	7.707	976	982	996	rVB	377383	842464	42.98%	4.065%
8	8.061	1031	1040	1053	rBV	220027	489646	24.98%	2.363%
9	8.616	1121	1131	1146	rBV	689882	1346593	68.70%	6.498%
10	10.103	1368	1375	1391	rBV	1130249	1960180	100.00%	9.459%
11	10.298	1400	1407	1413	rVB	15468	26445	1.35%	0.128%
12	10.493	1433	1439	1454	rVB	903569	1370031	69.89%	6.611%
13	10.902	1501	1506	1513	rVV3	13251	31871	1.63%	0.154%
14	11.213	1548	1557	1567	rVV4	54329	127600	6.51%	0.616%
15	11.310	1567	1573	1582	rVB	37655	61350	3.13%	0.296%
16	11.414	1582	1590	1600	rBV	1166850	1885636	96.20%	9.099%
17	11.517	1600	1607	1610	rVV	27822	51469	2.63%	0.248%
18	11.548	1610	1612	1616	rVV3	17876	24899	1.27%	0.120%
19	11.639	1616	1627	1635	rVV4	241464	531579	27.12%	2.565%
20	11.706	1635	1638	1643	rVB2	24193	36664	1.87%	0.177%
21	11.859	1658	1663	1668	rVB3	23861	37529	1.91%	0.181%
22	11.938	1668	1676	1682	rBV5	81199	249397	12.72%	1.203%
23	12.048	1690	1694	1698	rVB	61389	81818	4.17%	0.395%
24	12.127	1698	1707	1710	rBV3	35746	82233	4.20%	0.397%
25	12.170	1710	1714	1723	rVV5	74351	163498	8.34%	0.789%
26	12.249	1723	1727	1730	rVV	18652	29082	1.48%	0.140%
27	12.316	1730	1738	1739	rVV4	53131	119944	6.12%	0.579%
28	12.341	1739	1742	1744	rVV	98633	144002	7.35%	0.695%
29	12.365	1744	1746	1748	rVV	109111	129438	6.60%	0.625%
30	12.408	1748	1753	1758	rVV	956907	1544693	78.80%	7.454%
31	12.450	1758	1760	1765	rVV2	106338	128594	6.56%	0.621%
32	12.572	1776	1780	1786	rVB3	35628	67783	3.46%	0.327%
33	12.651	1786	1793	1796	rBV3	34416	64643	3.30%	0.312%
34	12.731	1796	1806	1811	rBV2	535699	820916	41.88%	3.961%
35	12.786	1811	1815	1820	rVB	59015	88455	4.51%	0.427%
36	12.840	1820	1824	1826	rBV3	20505	31455	1.60%	0.152%

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Integrator: RTE

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Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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37	12.877	1826	1830	1833	rVB2	32397	40758	2.08%	0.197%
38	12.926	1833	1838	1841	rBV3	44493	79415	4.05%	0.383%
39	12.962	1841	1844	1851	rVB2	100486	160072	8.17%	0.772%
40	13.029	1851	1855	1861	rVB5	23800	43991	2.24%	0.212%
41	13.090	1861	1865	1871	rBV3	37367	68844	3.51%	0.332%
42	13.243	1882	1890	1894	rBV2	102752	229253	11.70%	1.106%
43	13.285	1894	1897	1900	rVV2	101048	140610	7.17%	0.679%
44	13.346	1900	1907	1914	rVV	1111104	1795851	91.62%	8.666%
45	13.426	1916	1920	1927	rBV2	89215	148824	7.59%	0.718%
46	13.627	1946	1953	1954	rBV3	14126	25940	1.32%	0.125%
47	13.676	1955	1961	1965	rVV	600688	847836	43.25%	4.091%
48	13.712	1965	1967	1972	rVB	41933	54607	2.79%	0.264%
49	13.773	1972	1977	1983	rBV5	41336	82400	4.20%	0.398%
50	13.840	1983	1988	1992	rBV4	42499	97223	4.96%	0.469%
51	13.889	1992	1996	2001	rVB3	81209	128140	6.54%	0.618%
52	13.938	2001	2004	2009	rVB2	44474	65704	3.35%	0.317%
53	13.999	2009	2014	2018	rBV4	24341	40530	2.07%	0.196%
54	14.066	2018	2025	2029	rBV4	38437	76141	3.88%	0.367%
55	14.121	2029	2034	2037	rBV3	42680	63666	3.25%	0.307%
56	14.169	2037	2042	2044	rBV3	121401	219488	11.20%	1.059%
57	14.237	2050	2053	2060	rVB	89738	116252	5.93%	0.561%
58	14.304	2060	2064	2067	rVV2	79906	106327	5.42%	0.513%
59	14.340	2067	2070	2074	rVB3	60435	78329	4.00%	0.378%
60	14.395	2074	2079	2086	rVB6	44831	89371	4.56%	0.431%
61	14.468	2086	2091	2094	rBV5	14456	26373	1.35%	0.127%
62	14.529	2096	2101	2108	rVV	468446	654060	33.37%	3.156%
63	14.602	2108	2113	2117	rVV2	68140	123592	6.31%	0.596%
64	14.651	2117	2121	2128	rVV	147054	249935	12.75%	1.206%
65	14.724	2128	2133	2137	rVV6	43780	92898	4.74%	0.448%
66	14.767	2137	2140	2148	rVV7	58553	153142	7.81%	0.739%
67	14.858	2152	2155	2159	rVB3	31299	46239	2.36%	0.223%
68	14.950	2166	2170	2176	rBV4	43981	89399	4.56%	0.431%
69	15.011	2176	2180	2183	rVV2	45439	72755	3.71%	0.351%
70	15.053	2183	2187	2193	rVB4	99682	171950	8.77%	0.830%
71	15.121	2193	2198	2203	rBV	114243	178295	9.10%	0.860%
72	15.175	2204	2207	2215	rVB6	26634	63777	3.25%	0.308%
73	15.249	2215	2219	2224	rBV7	12964	28786	1.47%	0.139%
74	15.346	2230	2235	2241	rVB	272562	379261	19.35%	1.830%
75	15.450	2250	2252	2256	rVB3	24606	30581	1.56%	0.148%
76	15.925	2324	2330	2334	rVV5	21463	51332	2.62%	0.248%

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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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77	15.986	2336	2340	2346	rVB6	15181	29929	1.53%	0.144%
78	16.047	2346	2350	2356	rVB5	13108	24149	1.23%	0.117%
79	16.248	2375	2383	2390	rBV	32025	64285	3.28%	0.310%

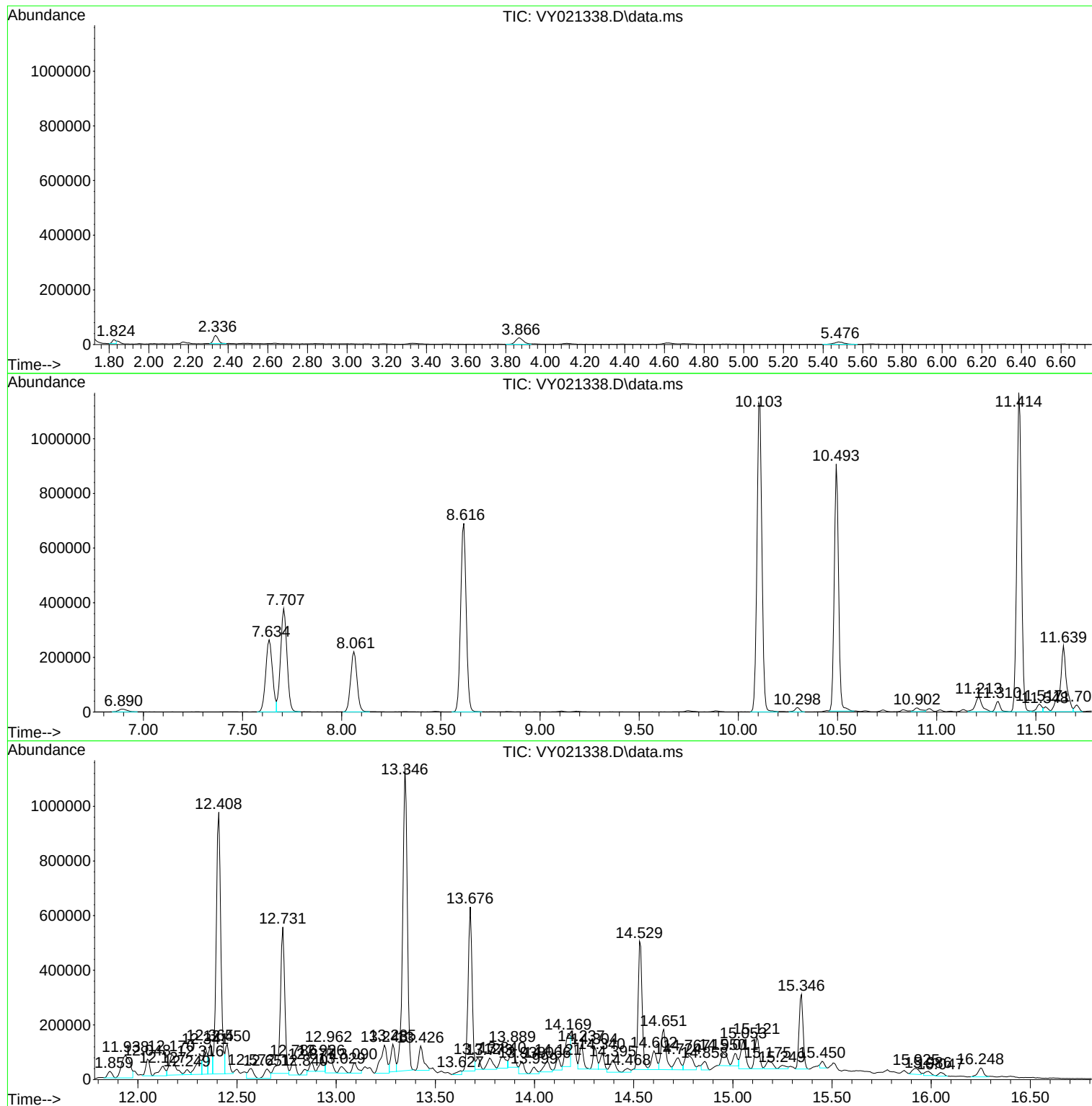
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
B-163-SB02

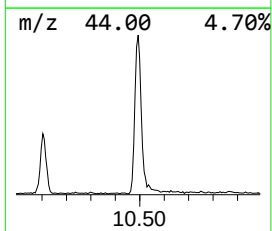
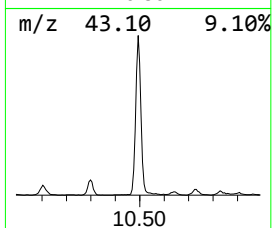
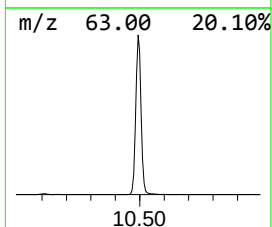
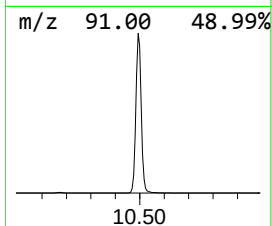
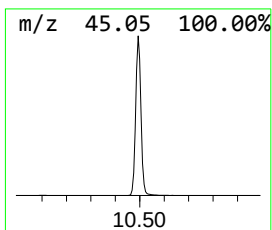
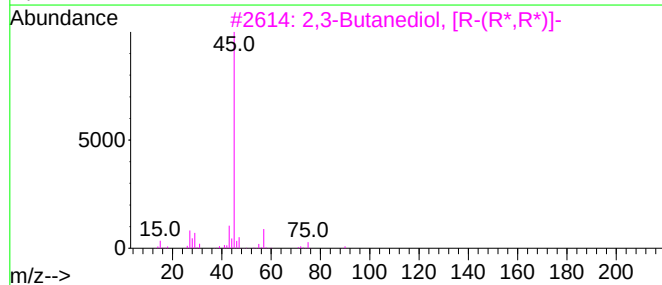
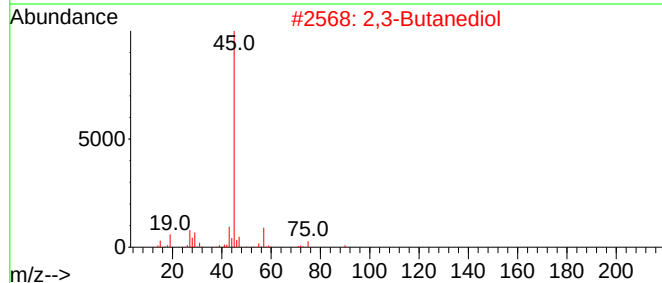
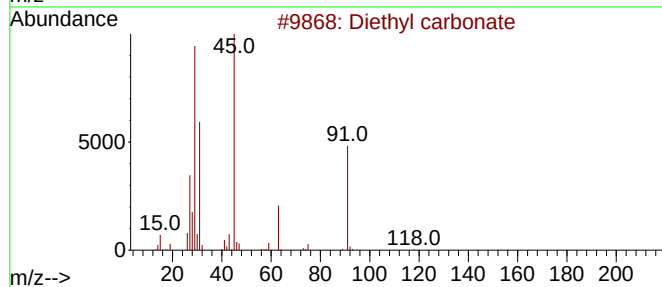
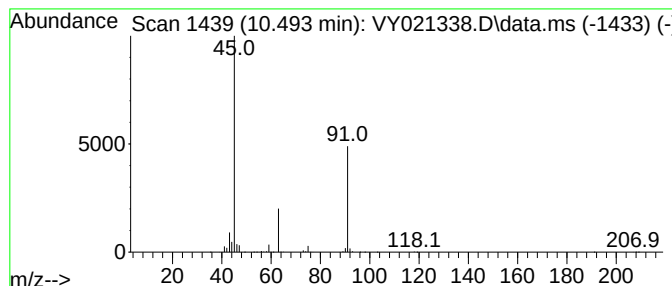
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 1 Diethyl carbonate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.493	36.33 ug/l	1370030	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyl carbonate	118	C5H10O3	000105-58-8	86
2			2,3-Butanediol	90	C4H10O2	000513-85-9	50
3			2,3-Butanediol, [R-(R*,R*)]-	90	C4H10O2	024347-58-8	50
4			Dimethyl-cyano-phosphine	87	C3H6NP	031641-57-3	9
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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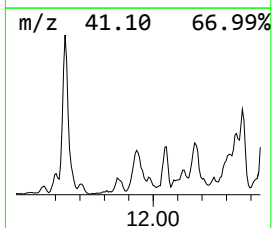
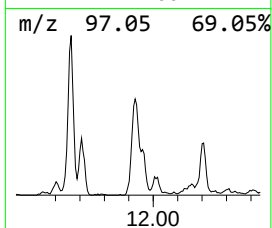
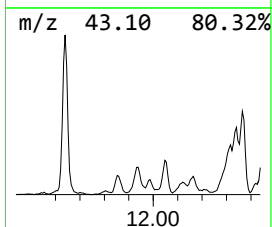
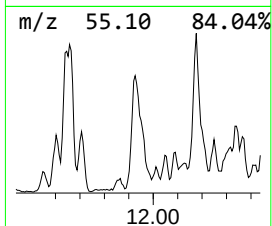
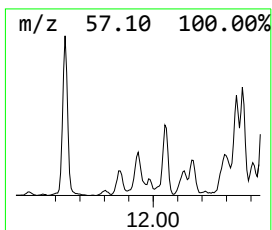
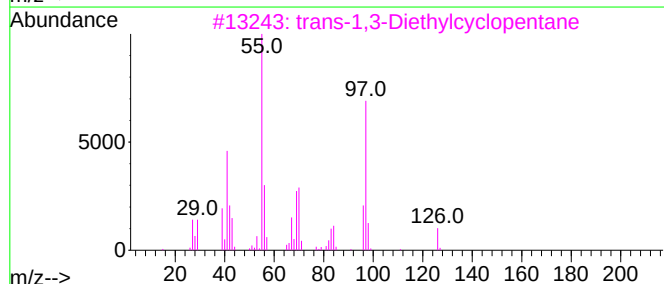
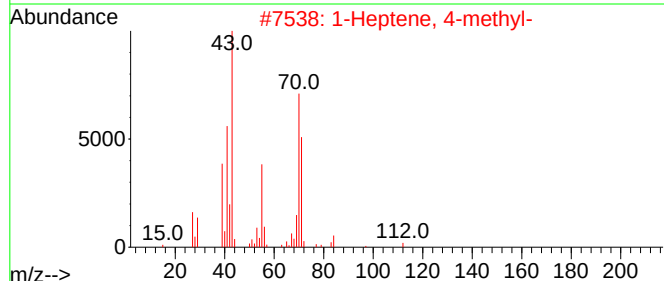
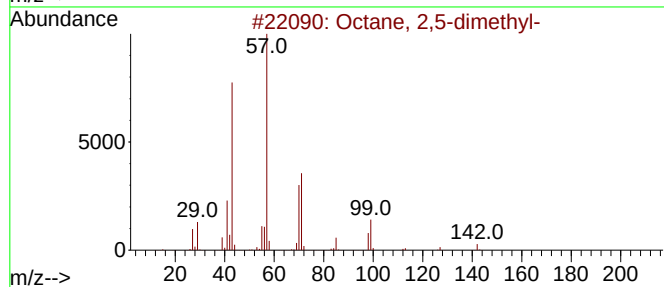
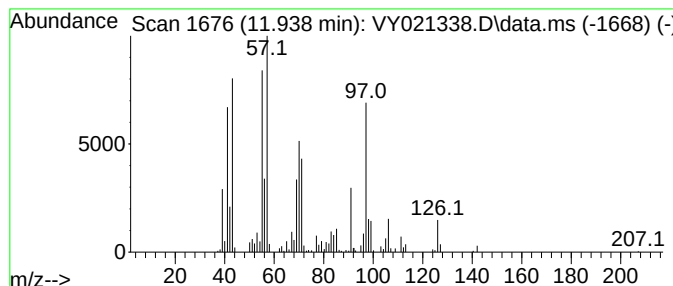
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown11.938 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.938	6.61 ug/l	249397	Chlorobenzene-d5		11.414	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-		142	C10H22	015869-89-3	46
2	1-Heptene, 4-methyl-		112	C8H16	013151-05-8	42
3	trans-1,3-Diethylcyclopentane		126	C9H18	1000113-87-1	38
4	3-Nonene		126	C9H18	020063-77-8	35
5	1-Hexene, 4-ethyl-		112	C8H16	016746-85-3	25



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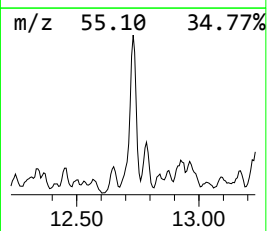
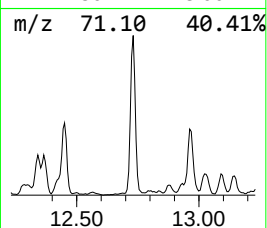
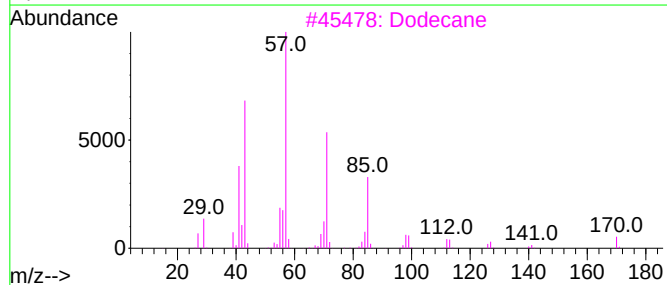
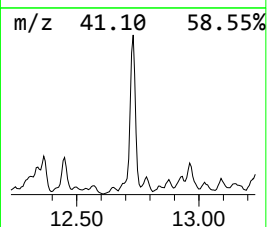
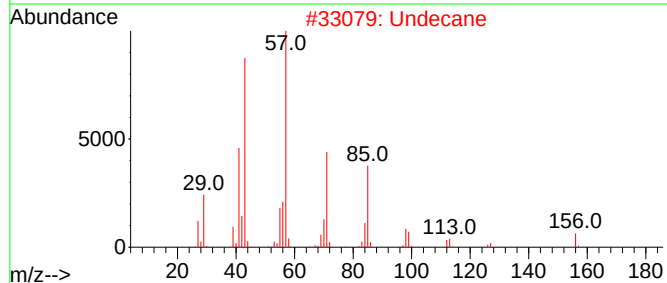
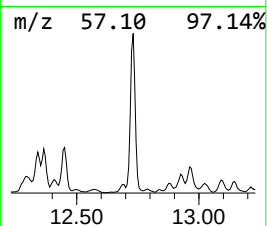
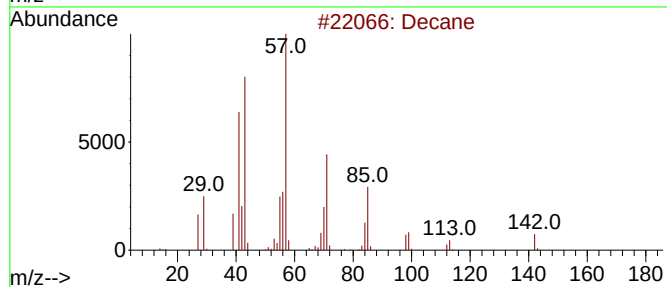
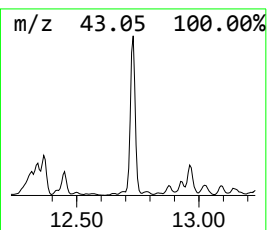
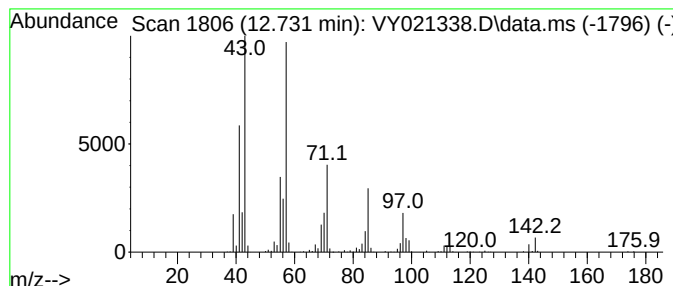
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

Peak Number 3 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	22.86 ug/l	820916	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			Undecane	156	C11H24	001120-21-4	72
3			Dodecane	170	C12H26	000112-40-3	59
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
5			Octane	114	C8H18	000111-65-9	58



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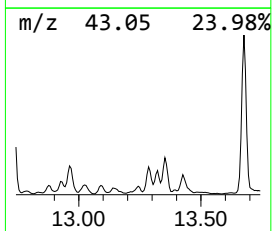
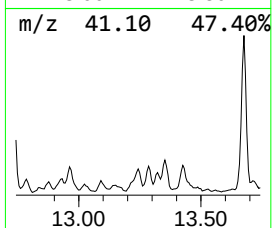
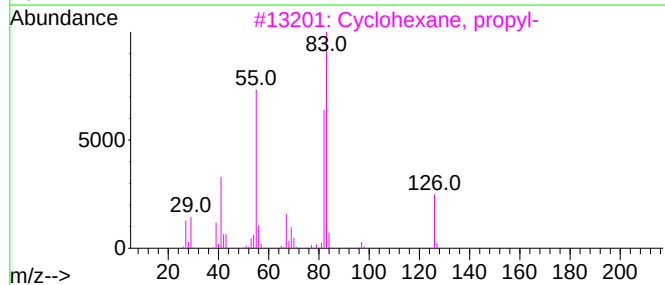
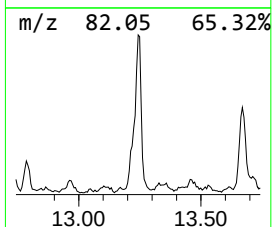
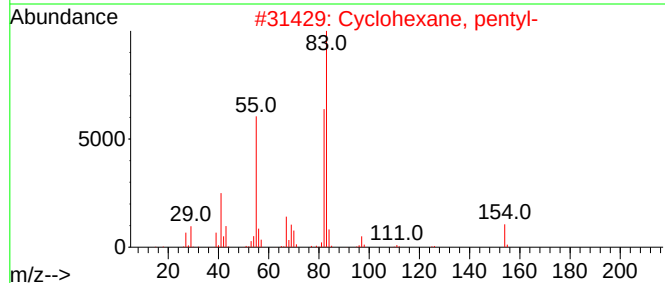
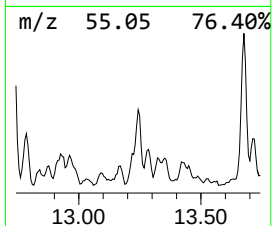
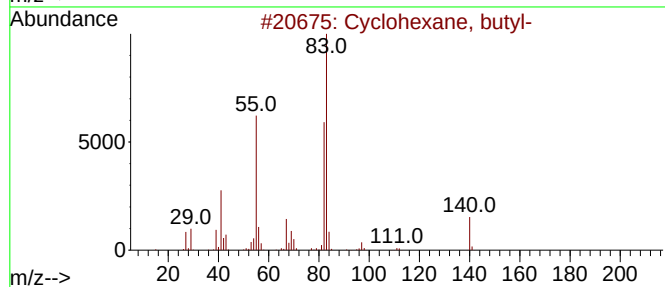
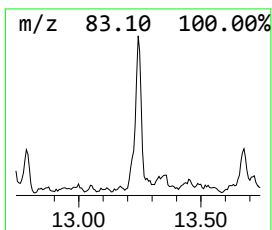
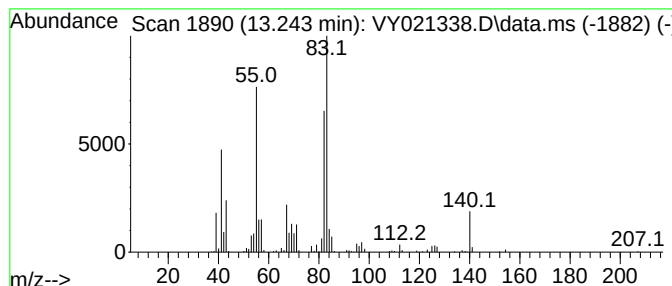
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.243	6.38 ug/l	229253	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021338.D
Acq On : 26 Feb 2025 17:48
Operator : SY/MD
Sample : Q1415-03
Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

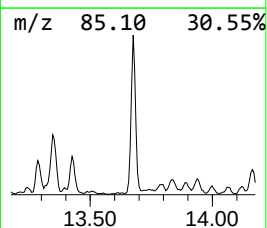
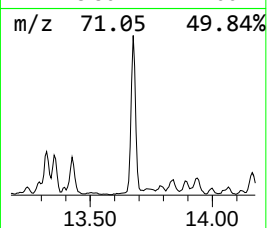
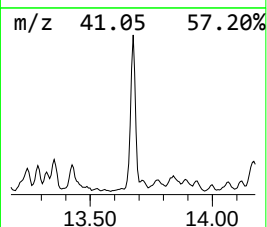
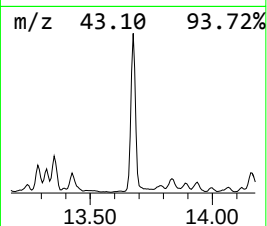
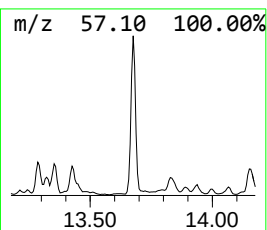
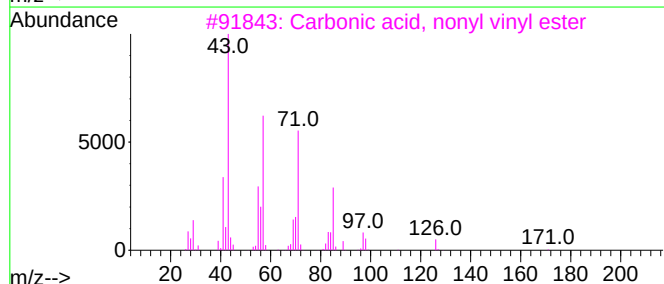
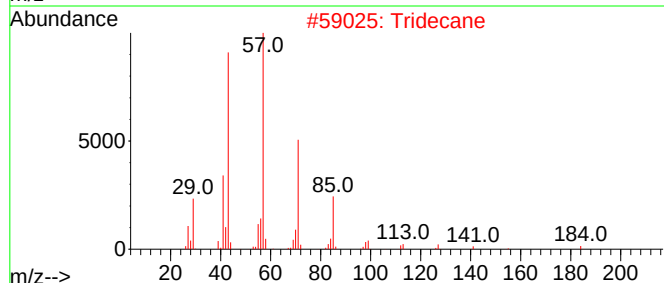
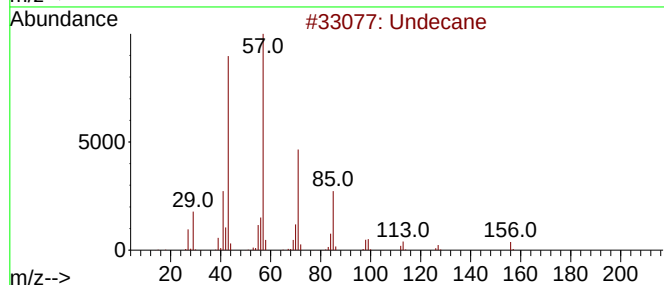
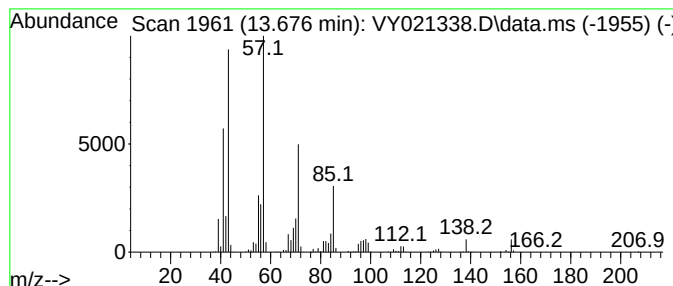
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	23.61 ug/l	847836	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	80
2			Tridecane	184	C13H28	000629-50-5	59
3			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	53
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5			Nonane	128	C9H20	000111-84-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021338.D
Acq On : 26 Feb 2025 17:48
Operator : SY/MD
Sample : Q1415-03
Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

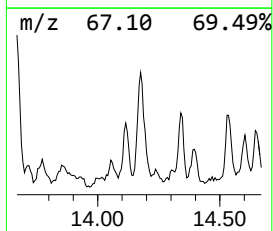
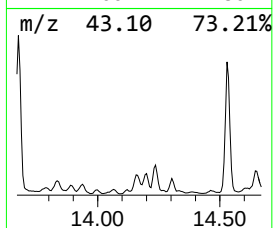
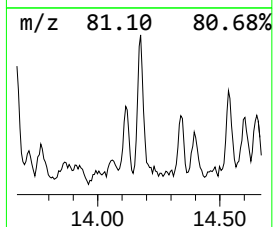
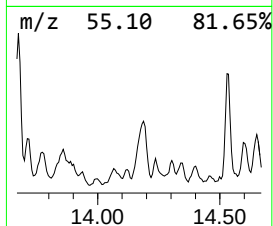
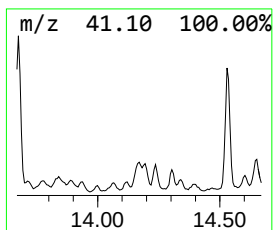
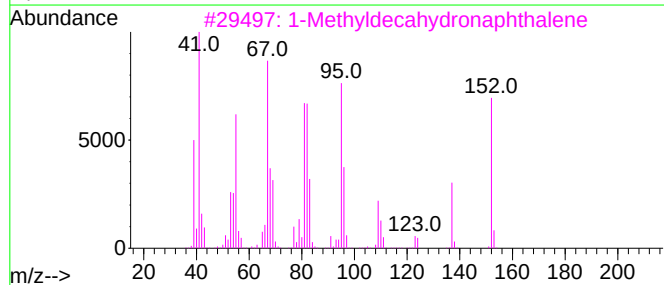
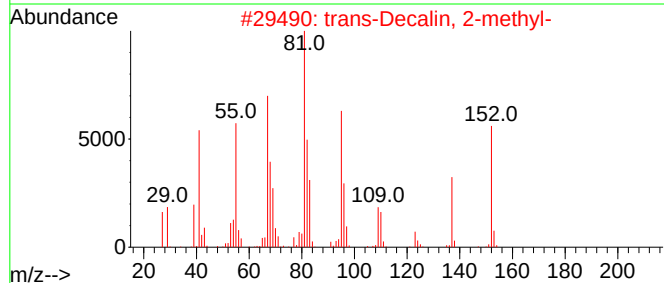
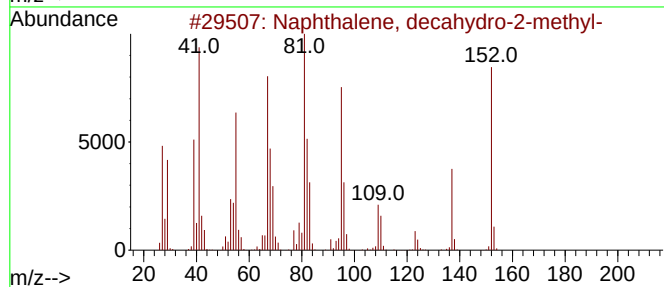
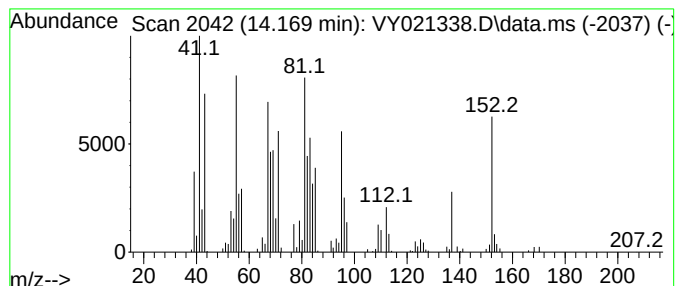
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	6.11 ug/l	219488	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	93
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	60
4			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	55
5			Spiro[5.5]undecane	152	C11H20	000180-43-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021338.D
Acq On : 26 Feb 2025 17:48
Operator : SY/MD
Sample : Q1415-03
Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

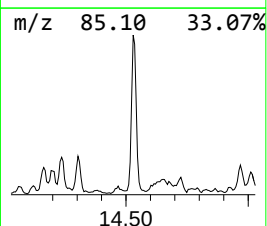
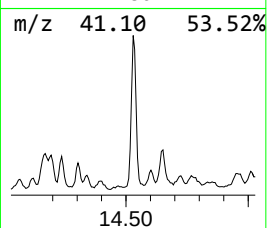
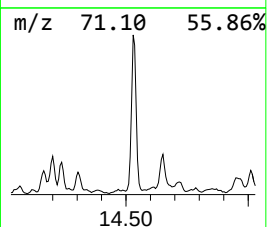
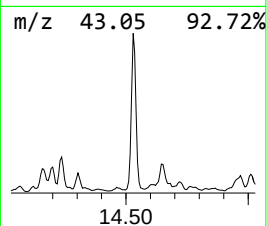
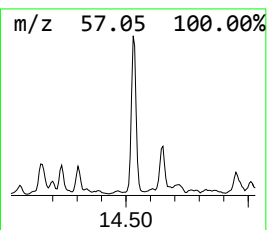
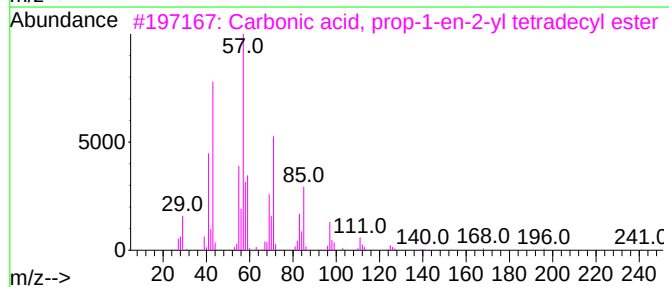
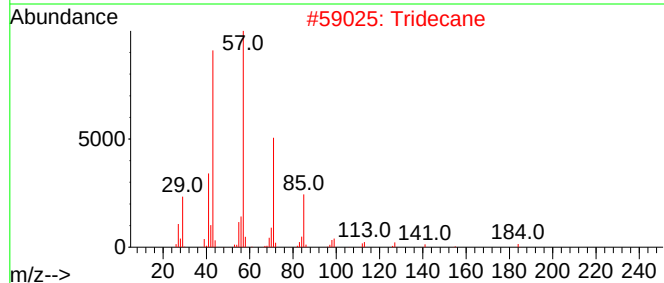
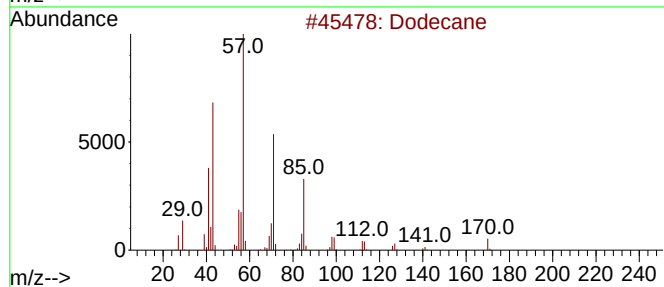
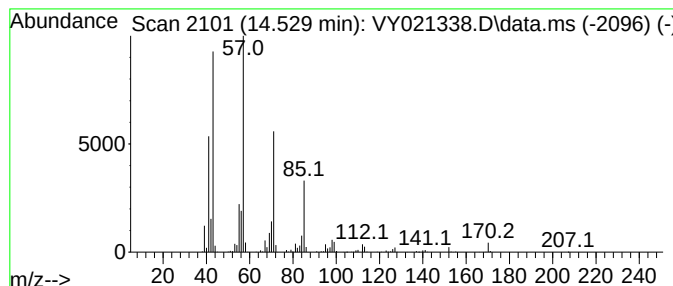
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Quant Title : SW846 8260

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

Peak Number 7 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	18.21 ug/l	654060	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Tridecane	184	C13H28	000629-50-5	86
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
4			Tetradecane	198	C14H30	000629-59-4	78
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021338.D
Acq On : 26 Feb 2025 17:48
Operator : SY/MD
Sample : Q1415-03
Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

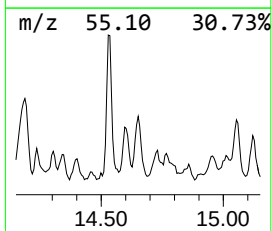
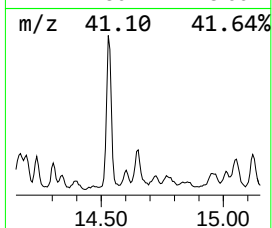
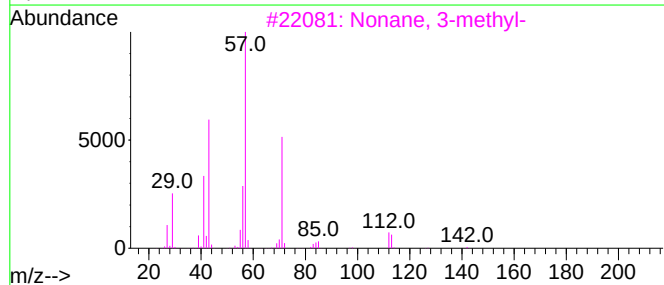
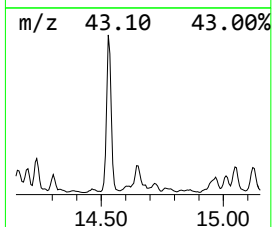
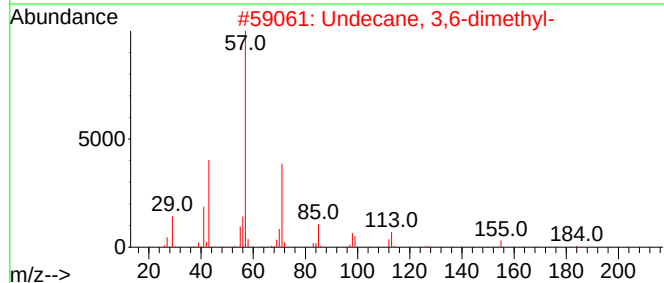
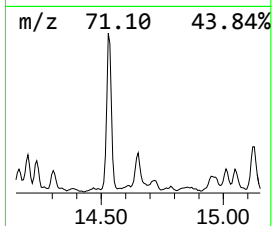
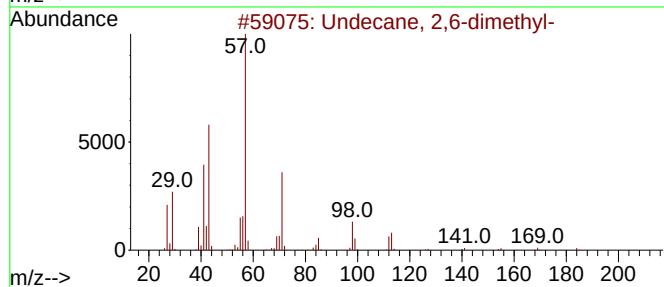
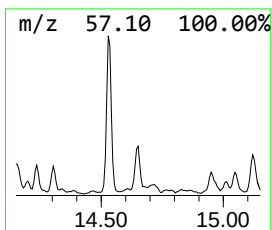
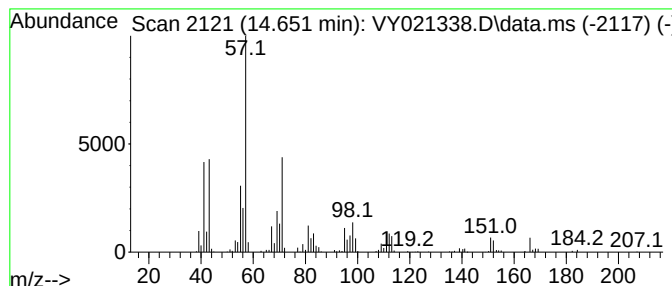
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	6.96 ug/l	249935	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	70
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021338.D
Acq On : 26 Feb 2025 17:48
Operator : SY/MD
Sample : Q1415-03
Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

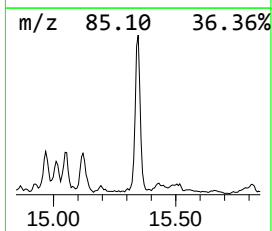
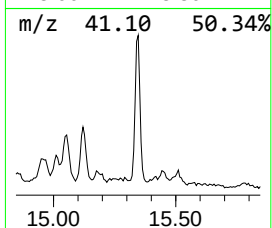
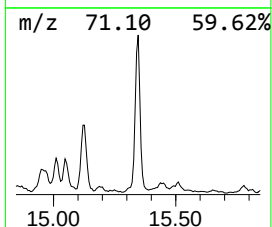
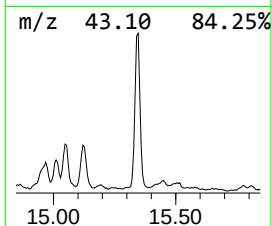
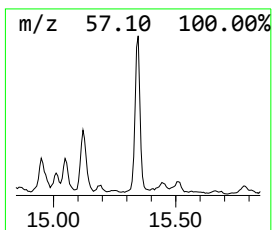
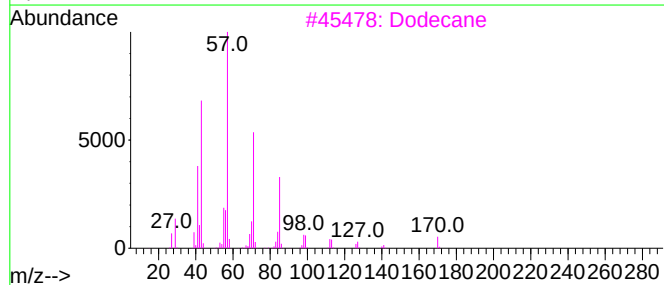
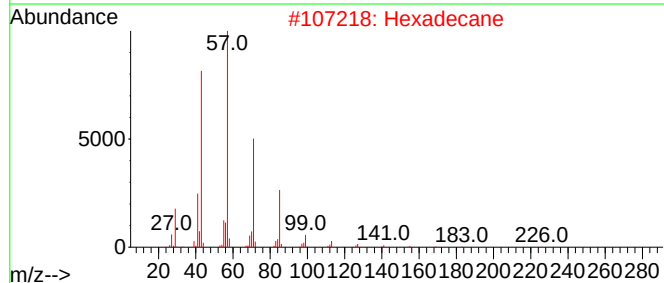
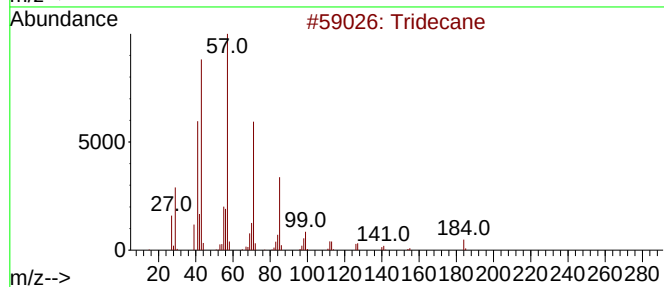
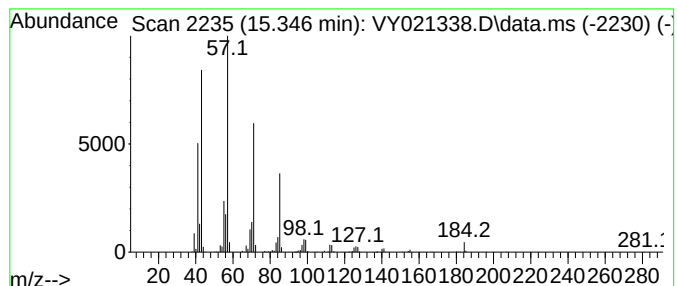
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.346	10.56 ug/l	379261	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	86
3			Dodecane	170	C12H26	000112-40-3	80
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
5			Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021338.D
Acq On : 26 Feb 2025 17:48
Operator : SY/MD
Sample : Q1415-03
Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260

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

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					#	RT	Resp	Conc
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unknown11.938	11.938	6.6	ug/l	249397	3	11.414	1885640	50.0
Decane	12.731	22.9	ug/l	820916	4	13.346	1795850	50.0
Cyclohexane, bu...	13.243	6.4	ug/l	229253	4	13.346	1795850	50.0
Undecane	13.676	23.6	ug/l	847836	4	13.346	1795850	50.0
Naphthalene, de...	14.169	6.1	ug/l	219488	4	13.346	1795850	50.0
Dodecane	14.529	18.2	ug/l	654060	4	13.346	1795850	50.0
Undecane, 2,6-d...	14.651	7.0	ug/l	249935	4	13.346	1795850	50.0
Tridecane	15.346	10.6	ug/l	379261	4	13.346	1795850	50.0