

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019607.D
 Acq On : 18 Sep 2024 15:44
 Operator : SY/MD
 Sample : P4098-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-091724

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\82Y090924S.M
 Title : SW846 8260

Signal : TIC: VY019607.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.099	53	62	65	rBV5	3629	12974	2.59%	0.372%
2	4.610	464	474	477	rBV4	4473	10922	2.18%	0.313%
3	6.878	833	846	856	rBV	26420	86993	17.40%	2.497%
4	7.628	960	969	975	rBV	66370	161644	32.33%	4.639%
5	7.707	975	982	992	rVB	121752	284206	56.84%	8.157%
6	8.055	1028	1039	1051	rBV2	76948	219364	43.87%	6.296%
7	8.610	1123	1130	1143	rBV	189964	383540	76.70%	11.008%
8	10.103	1368	1375	1384	rBV	283759	500054	100.00%	14.352%
9	10.512	1433	1442	1449	rBV	19238	36206	7.24%	1.039%
10	10.878	1496	1502	1512	rVB3	8300	15582	3.12%	0.447%
11	11.249	1558	1563	1567	rVB5	6099	9623	1.92%	0.276%
12	11.414	1583	1590	1602	rBV	246959	413293	82.65%	11.862%
13	11.640	1623	1627	1635	rVB7	3884	9213	1.84%	0.264%
14	12.261	1724	1729	1732	rBV5	3539	6138	1.23%	0.176%
15	12.408	1744	1753	1764	rVB2	174893	293463	58.69%	8.423%
16	12.658	1789	1794	1798	rBV3	5987	10751	2.15%	0.309%
17	12.731	1801	1806	1812	rVB4	19301	31471	6.29%	0.903%
18	12.895	1826	1833	1836	rBV4	3445	7597	1.52%	0.218%
19	12.963	1841	1844	1851	rVB5	5845	9054	1.81%	0.260%
20	13.042	1851	1857	1862	rBV	15217	25503	5.10%	0.732%
21	13.237	1881	1889	1893	rBV9	7006	13698	2.74%	0.393%
22	13.286	1893	1897	1900	rVV6	5006	8538	1.71%	0.245%
23	13.347	1900	1907	1916	rVV	188539	306445	61.28%	8.795%
24	13.426	1916	1920	1923	rVB3	5015	5881	1.18%	0.169%
25	13.542	1933	1939	1943	rBV3	11437	18884	3.78%	0.542%
26	13.590	1943	1947	1950	rBV4	6990	10291	2.06%	0.295%
27	13.676	1955	1961	1965	rBV2	35300	54585	10.92%	1.567%
28	13.749	1970	1973	1978	rVV6	4973	8433	1.69%	0.242%
29	13.810	1979	1983	1984	rVV4	4835	6583	1.32%	0.189%
30	13.834	1984	1987	1991	rVV6	8277	12013	2.40%	0.345%
31	13.889	1991	1996	2001	rVB3	14489	21348	4.27%	0.613%
32	13.932	2001	2003	2009	rVB6	4922	7892	1.58%	0.227%
33	13.999	2009	2014	2018	rBV4	14301	24180	4.84%	0.694%
34	14.060	2020	2024	2025	rBV4	4209	5652	1.13%	0.162%
35	14.121	2030	2034	2035	rBV3	4241	5849	1.17%	0.168%
36	14.170	2037	2042	2047	rBV8	11301	23400	4.68%	0.672%

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37	14.249	2052	2055	2060	rVB2	10191	13781	2.76%	0.396%
38	14.298	2060	2063	2067	rBV4	9140	13682	2.74%	0.393%
39	14.334	2067	2069	2075	rVB6	10347	13391	2.68%	0.384%
40	14.395	2075	2079	2082	rBV6	4643	7808	1.56%	0.224%
41	14.432	2082	2085	2089	rVV5	5379	6575	1.31%	0.189%
42	14.481	2089	2093	2095	rVV3	8197	11601	2.32%	0.333%
43	14.529	2097	2101	2106	rVB	34412	48695	9.74%	1.398%
44	14.602	2106	2113	2117	rBV6	23437	54584	10.92%	1.567%
45	14.651	2117	2121	2127	rVB5	15003	25322	5.06%	0.727%
46	14.749	2130	2137	2146	rVB4	14751	29395	5.88%	0.844%
47	14.852	2151	2154	2158	rVB5	6978	9587	1.92%	0.275%
48	14.962	2166	2172	2178	rBV8	9434	21394	4.28%	0.614%
49	15.115	2192	2197	2201	rBV7	9628	18991	3.80%	0.545%
50	15.200	2206	2211	2213	rBV2	11286	18527	3.70%	0.532%
51	15.334	2230	2233	2241	rVB5	12583	23012	4.60%	0.660%
52	15.425	2243	2248	2250	rBV3	7981	12577	2.52%	0.361%
53	15.505	2258	2261	2266	rVB6	3378	5527	1.11%	0.159%
54	15.590	2266	2275	2276	rVV6	6033	11462	2.29%	0.329%
55	15.627	2276	2281	2288	rVB6	17768	33116	6.62%	0.950%
56	15.773	2303	2305	2311	rVB5	4168	6879	1.38%	0.197%
57	15.925	2322	2330	2334	rBV8	9753	21136	4.23%	0.607%
58	16.114	2355	2361	2367	rVB8	7823	15864	3.17%	0.455%

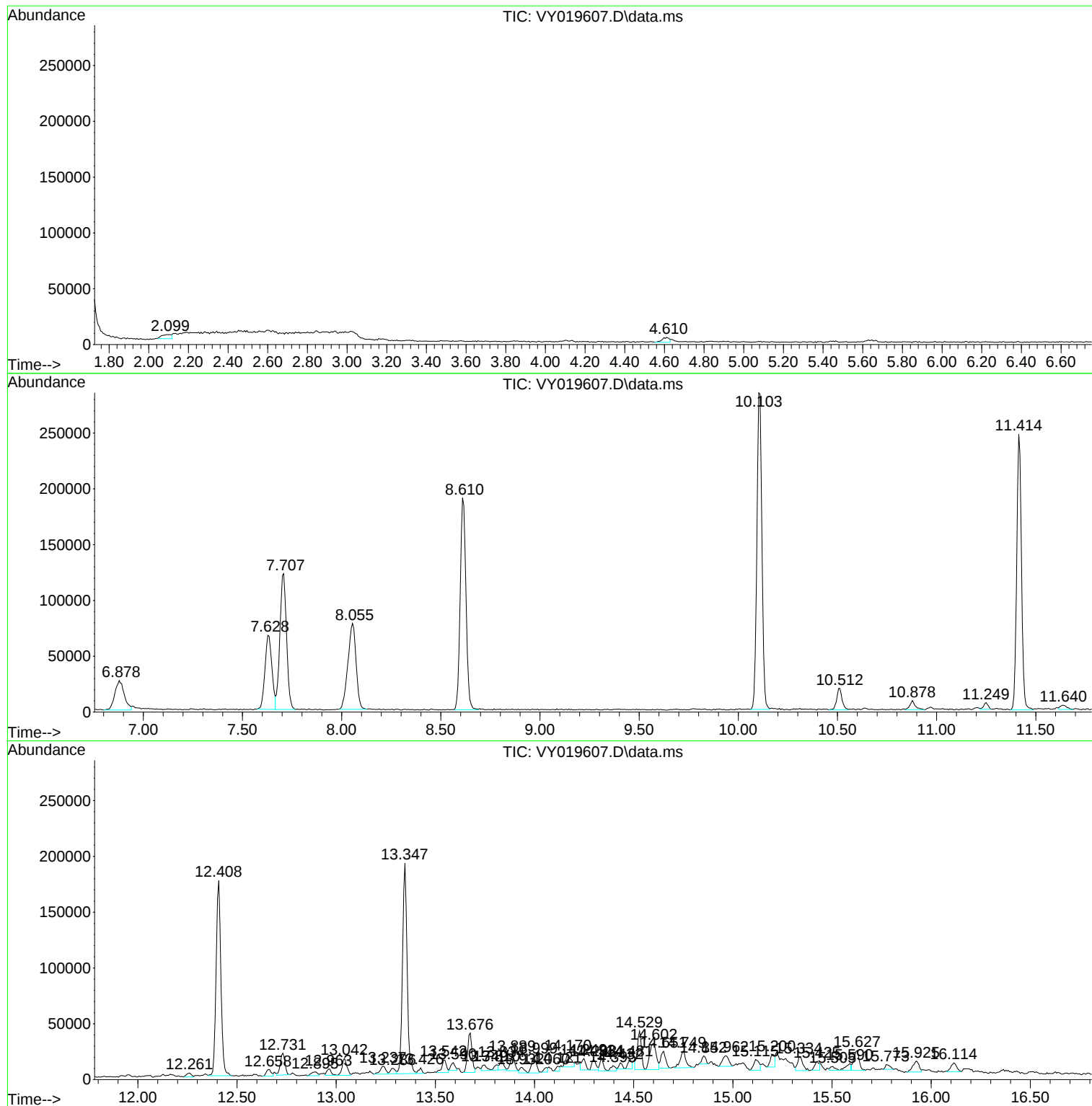
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TIC Library : C:\Database\NIST20.L
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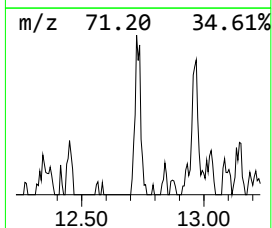
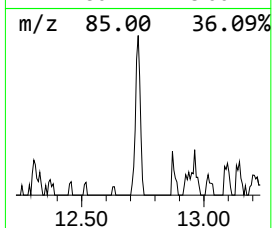
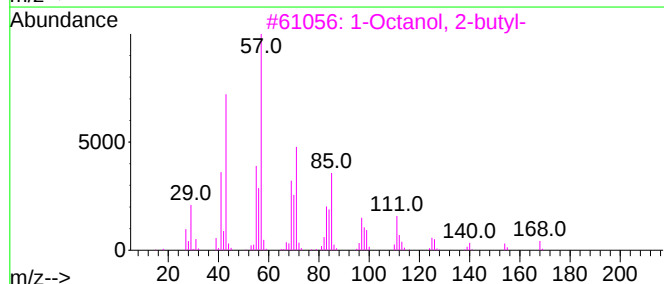
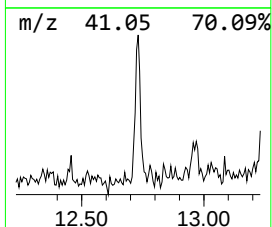
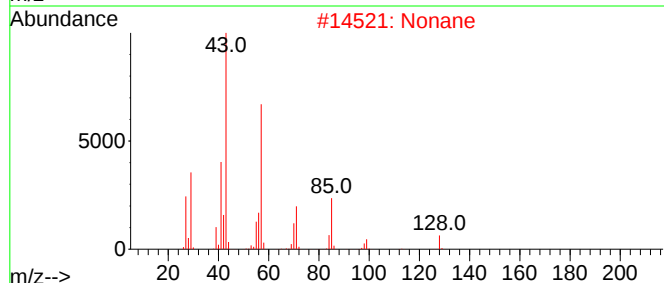
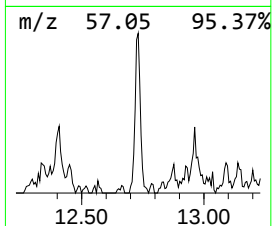
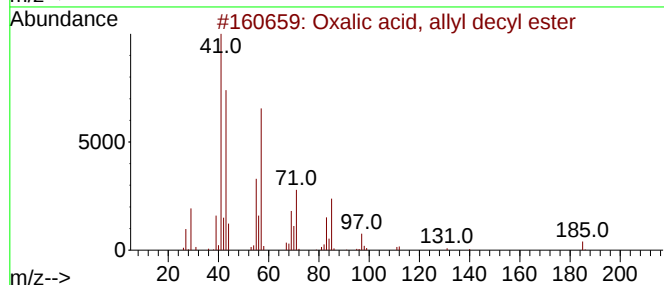
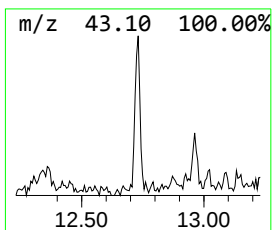
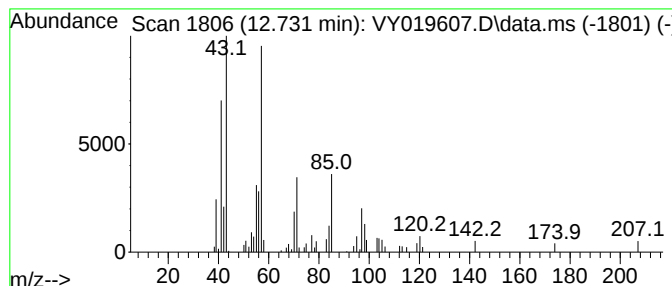
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 2 Oxalic acid, allyl decyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	5.13 ug/l	31471	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl decyl ester	270	C15H26O4	1010309-23-8	64
2			Nonane	128	C9H20	000111-84-2	59
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
4			Decane	142	C10H22	000124-18-5	49
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	47



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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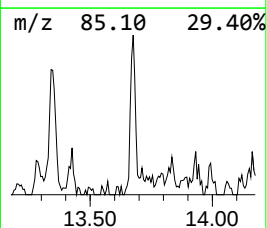
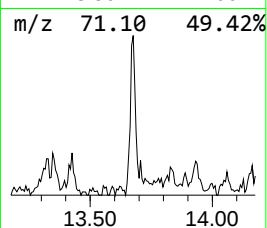
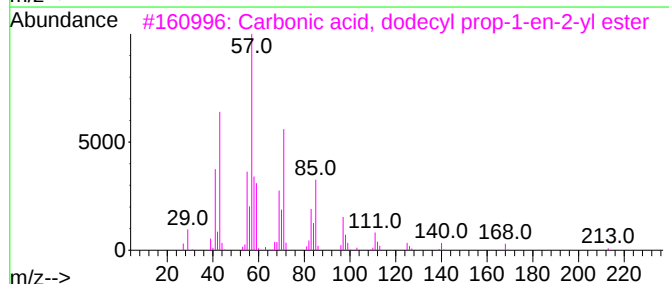
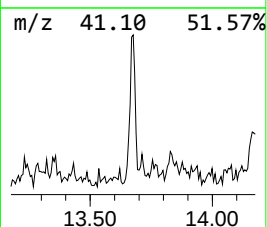
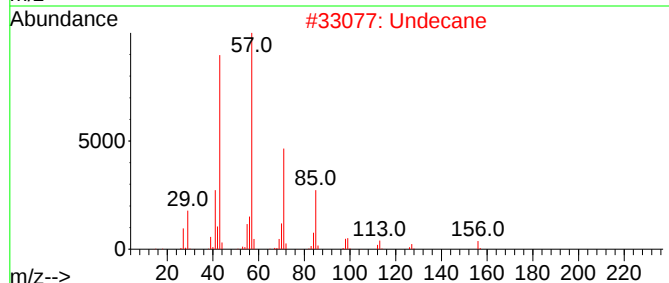
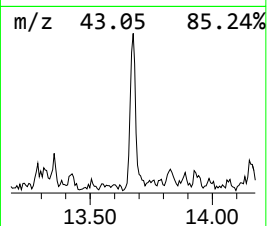
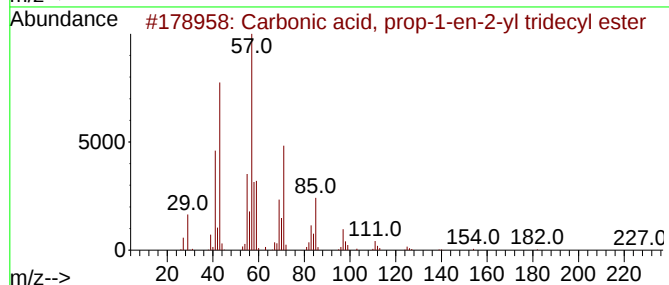
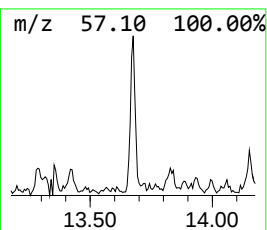
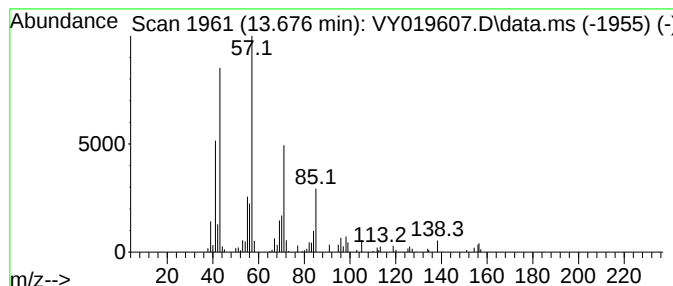
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 3 Carbonic acid, prop-1-en-2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	8.91 ug/l	54585	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
2			Undecane	156	C11H24	001120-21-4	80
3			Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	72
4			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64



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ALS Vial : 15 Sample Multiplier: 1

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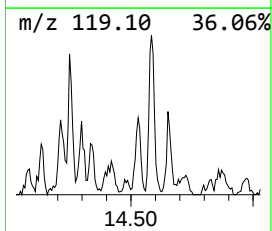
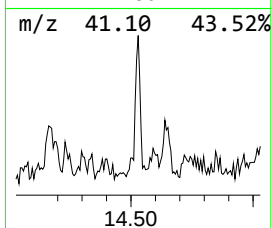
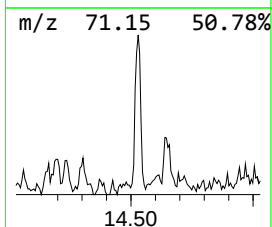
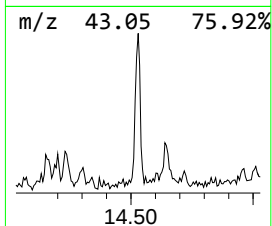
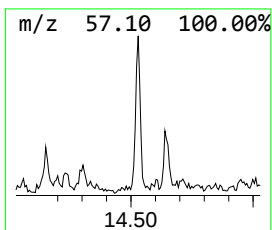
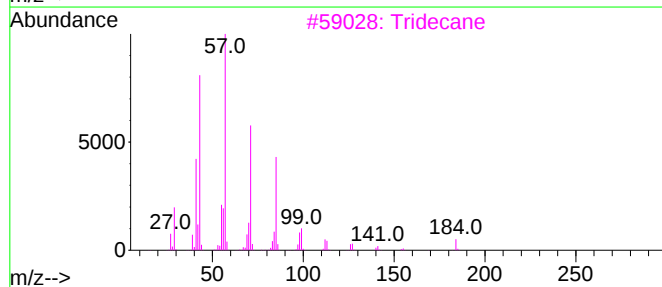
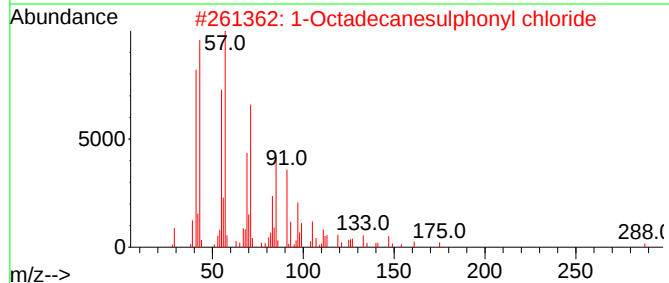
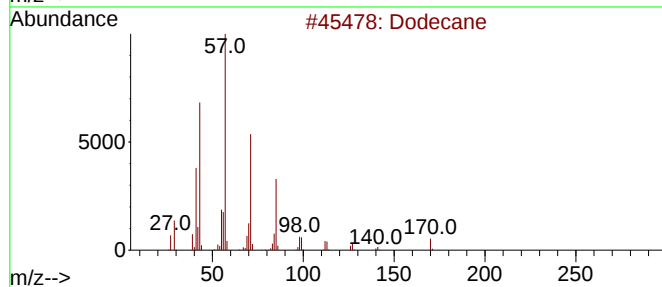
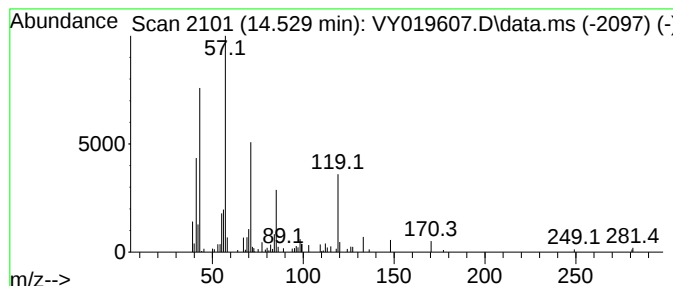
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.529	7.95 ug/l	48695	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	89
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
3			Tridecane	184	C13H28	000629-50-5	58
4			Hexadecane	226	C16H34	000544-76-3	52
5			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	50



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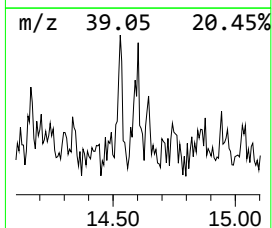
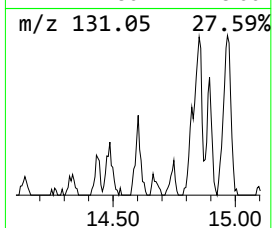
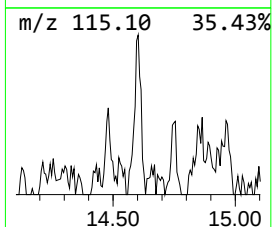
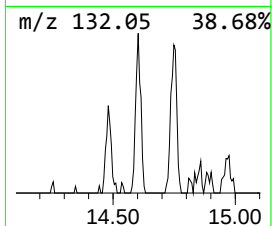
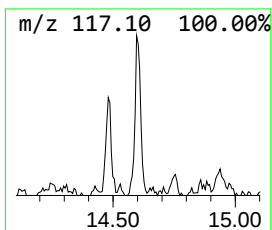
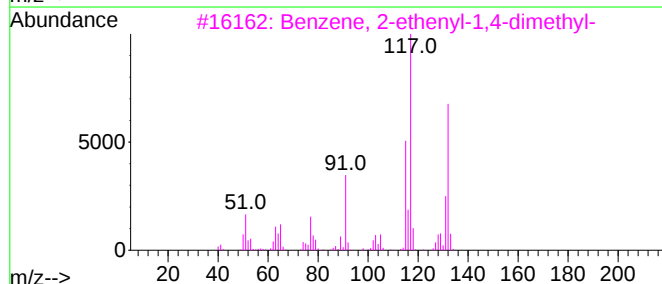
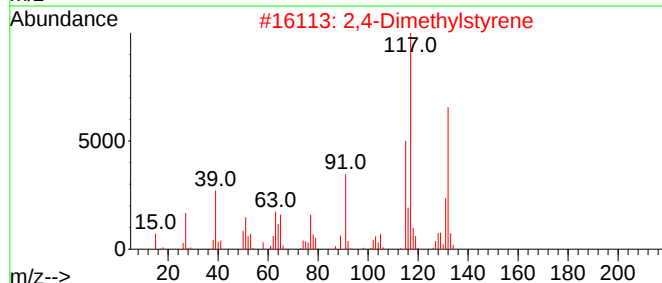
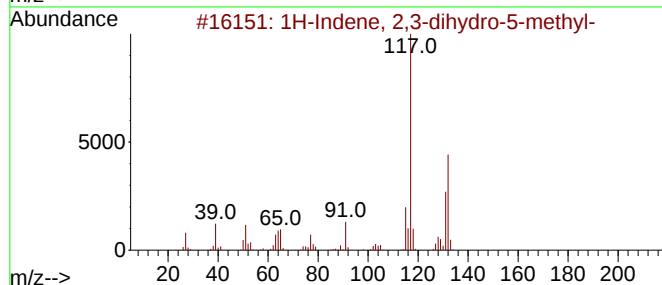
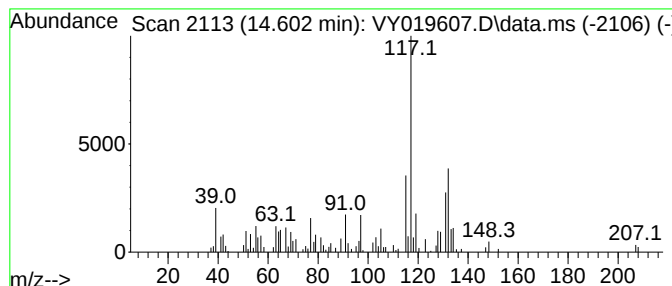
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	8.91 ug/l	54584	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	62
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	58
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58



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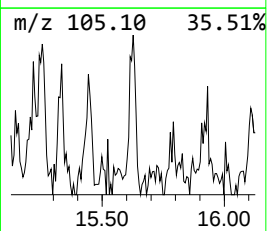
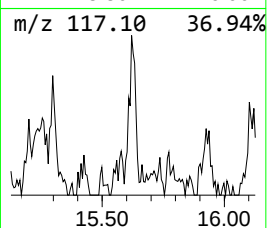
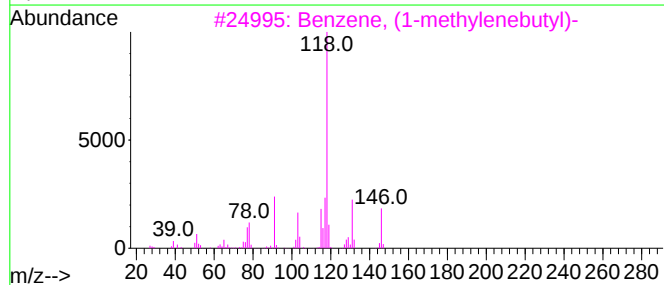
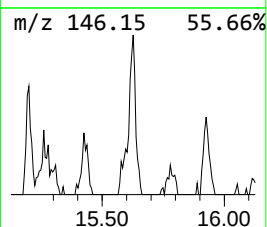
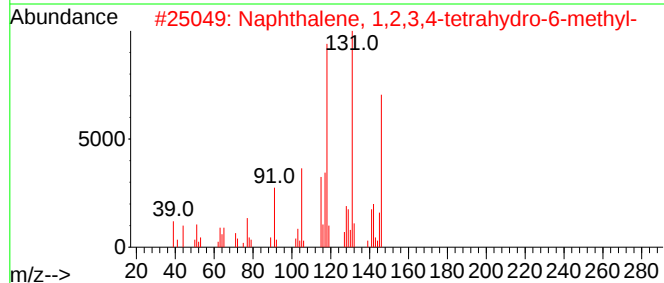
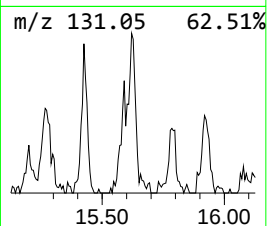
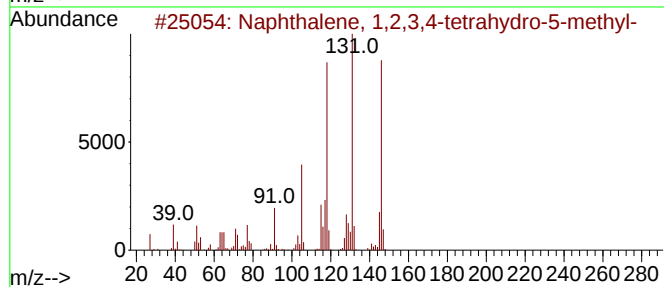
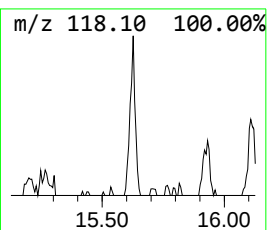
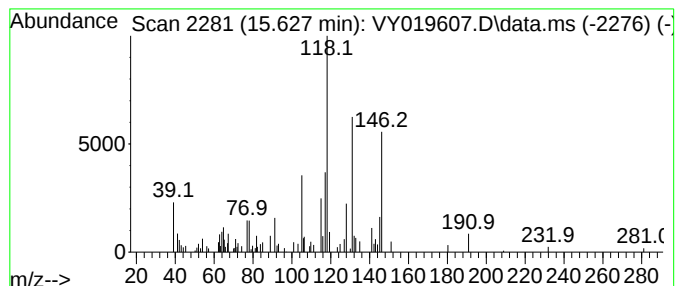
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	5.40 ug/l	33116	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
3			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	52
4			1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	47
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
Data File : VY019607.D
Acq On : 18 Sep 2024 15:44
Operator : SY/MD
Sample : P4098-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-091724

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Oxalic acid, al...	12.731	5.1	ug/l	31471	4	13.347	306445	50.0
Carbonic acid, ...	13.676	8.9	ug/l	54585	4	13.347	306445	50.0
Dodecane	14.529	8.0	ug/l	48695	4	13.347	306445	50.0
1H-Indene, 2,3-...	14.602	8.9	ug/l	54584	4	13.347	306445	50.0
Naphthalene, 1,...	15.627	5.4	ug/l	33116	4	13.347	306445	50.0