

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007195.D
 Acq On : 17 Jan 2022 18:48
 Operator : SY/MD
 Sample : N1165-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-011422

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\82Y011322S.M
 Title : SW846 8260

Signal : TIC: VY007195.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.077	33	42	47	rBV2	5343	12049	1.74%	0.203%
2	3.948	340	349	360	rVB	2618	7929	1.15%	0.133%
3	6.990	841	848	865	rBV3	10303	35540	5.14%	0.598%
4	7.716	958	967	973	rBV	93438	220959	31.97%	3.717%
5	7.789	973	979	989	rVB	154294	345891	50.05%	5.818%
6	8.143	1023	1037	1050	rVB2	110726	260128	37.64%	4.376%
7	8.691	1118	1127	1139	rVB	243621	473373	68.49%	7.963%
8	10.179	1364	1371	1379	rBV	388151	661333	95.69%	11.124%
9	10.368	1396	1402	1409	rVB2	6878	12973	1.88%	0.218%
10	10.581	1432	1437	1441	rBV2	16934	29490	4.27%	0.496%
11	10.941	1491	1496	1503	rBV5	7855	16811	2.43%	0.283%
12	11.038	1508	1512	1516	rVV4	4569	7289	1.05%	0.123%
13	11.087	1516	1520	1527	rVB4	5677	11042	1.60%	0.186%
14	11.197	1534	1538	1544	rBV7	3465	7859	1.14%	0.132%
15	11.282	1547	1552	1554	rVV3	9323	16085	2.33%	0.271%
16	11.319	1554	1558	1563	rVB2	14346	26988	3.90%	0.454%
17	11.380	1563	1568	1572	rBV2	6783	10632	1.54%	0.179%
18	11.490	1579	1586	1598	rBV	358391	588584	85.16%	9.900%
19	11.709	1612	1622	1631	rBV3	32796	82066	11.87%	1.380%
20	11.782	1631	1634	1640	rVB5	5235	8418	1.22%	0.142%
21	12.008	1663	1671	1682	rBV7	11953	45070	6.52%	0.758%
22	12.124	1686	1690	1694	rVV2	10994	15789	2.28%	0.266%
23	12.203	1699	1703	1705	rVV4	8237	12837	1.86%	0.216%
24	12.239	1706	1709	1714	rVB4	10699	20332	2.94%	0.342%
25	12.416	1735	1738	1740	rVV2	7580	9187	1.33%	0.155%
26	12.483	1744	1749	1755	rVV2	324270	505892	73.20%	8.510%
27	12.648	1771	1776	1785	rVB3	12583	28422	4.11%	0.478%
28	12.733	1785	1790	1794	rBV3	18450	34508	4.99%	0.580%
29	12.806	1797	1802	1808	rVV2	121056	201053	29.09%	3.382%
30	12.861	1808	1811	1817	rVB5	13326	19550	2.83%	0.329%
31	12.959	1822	1827	1828	rBV4	10350	15598	2.26%	0.262%
32	13.044	1837	1841	1846	rVB	36867	53342	7.72%	0.897%
33	13.123	1848	1854	1858	rBV	30502	48826	7.06%	0.821%
34	13.178	1859	1863	1867	rBV4	12028	23893	3.46%	0.402%
35	13.319	1879	1886	1890	rBV5	27595	58750	8.50%	0.988%
36	13.367	1890	1894	1897	rVV2	23744	39258	5.68%	0.660%

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37	13.428	1897	1904	1913	rVV	418271	691127	100.00%	11.625%
38	13.508	1913	1917	1921	rVB2	22245	30667	4.44%	0.516%
39	13.623	1933	1936	1940	rVB	19797	28420	4.11%	0.478%
40	13.672	1940	1944	1947	rBV3	12962	21561	3.12%	0.363%
41	13.751	1952	1957	1962	rBV	156808	244438	35.37%	4.112%
42	13.916	1981	1984	1988	rBV3	16283	23950	3.47%	0.403%
43	13.971	1989	1993	1997	rVB2	35525	54632	7.90%	0.919%
44	14.014	1998	2000	2006	rVB5	17235	25541	3.70%	0.430%
45	14.081	2006	2011	2016	rBV5	29288	50642	7.33%	0.852%
46	14.142	2019	2021	2027	rVB7	11597	18922	2.74%	0.318%
47	14.257	2034	2040	2046	rBV7	34884	82619	11.95%	1.390%
48	14.312	2047	2049	2057	rVB3	20978	40418	5.85%	0.680%
49	14.385	2057	2061	2064	rBV5	22112	30685	4.44%	0.516%
50	14.422	2064	2067	2071	rVB2	21787	30788	4.45%	0.518%
51	14.477	2074	2076	2081	rVB6	10350	13878	2.01%	0.233%
52	14.526	2081	2084	2087	rVB2	6273	6990	1.01%	0.118%
53	14.568	2088	2091	2093	rBV2	10125	14645	2.12%	0.246%
54	14.611	2094	2098	2104	rVB	83112	121861	17.63%	2.050%
55	14.684	2104	2110	2115	rBV5	34187	78308	11.33%	1.317%
56	14.733	2115	2118	2125	rVB3	38044	64120	9.28%	1.079%
57	14.946	2150	2153	2157	rVB6	12763	15378	2.23%	0.259%
58	15.056	2166	2171	2176	rBV7	8987	21341	3.09%	0.359%
59	15.215	2192	2197	2200	rBV2	22088	41843	6.05%	0.704%
60	15.440	2230	2234	2240	rVB	38865	59005	8.54%	0.993%
61	15.525	2243	2248	2250	rBV7	9082	15986	2.31%	0.269%
62	15.611	2257	2262	2267	rVB7	9058	17554	2.54%	0.295%
63	15.733	2278	2282	2289	rVB6	17474	32557	4.71%	0.548%
64	16.038	2325	2332	2336	rBV8	8159	18864	2.73%	0.317%
65	16.160	2349	2352	2357	rVB4	6580	9076	1.31%	0.153%
66	16.233	2360	2364	2369	rVB6	8123	14902	2.16%	0.251%
67	16.294	2370	2374	2379	rVV4	6615	11240	1.63%	0.189%
68	16.367	2381	2386	2393	rVB	17172	28723	4.16%	0.483%
69	16.489	2400	2406	2413	rBV5	6421	16576	2.40%	0.279%

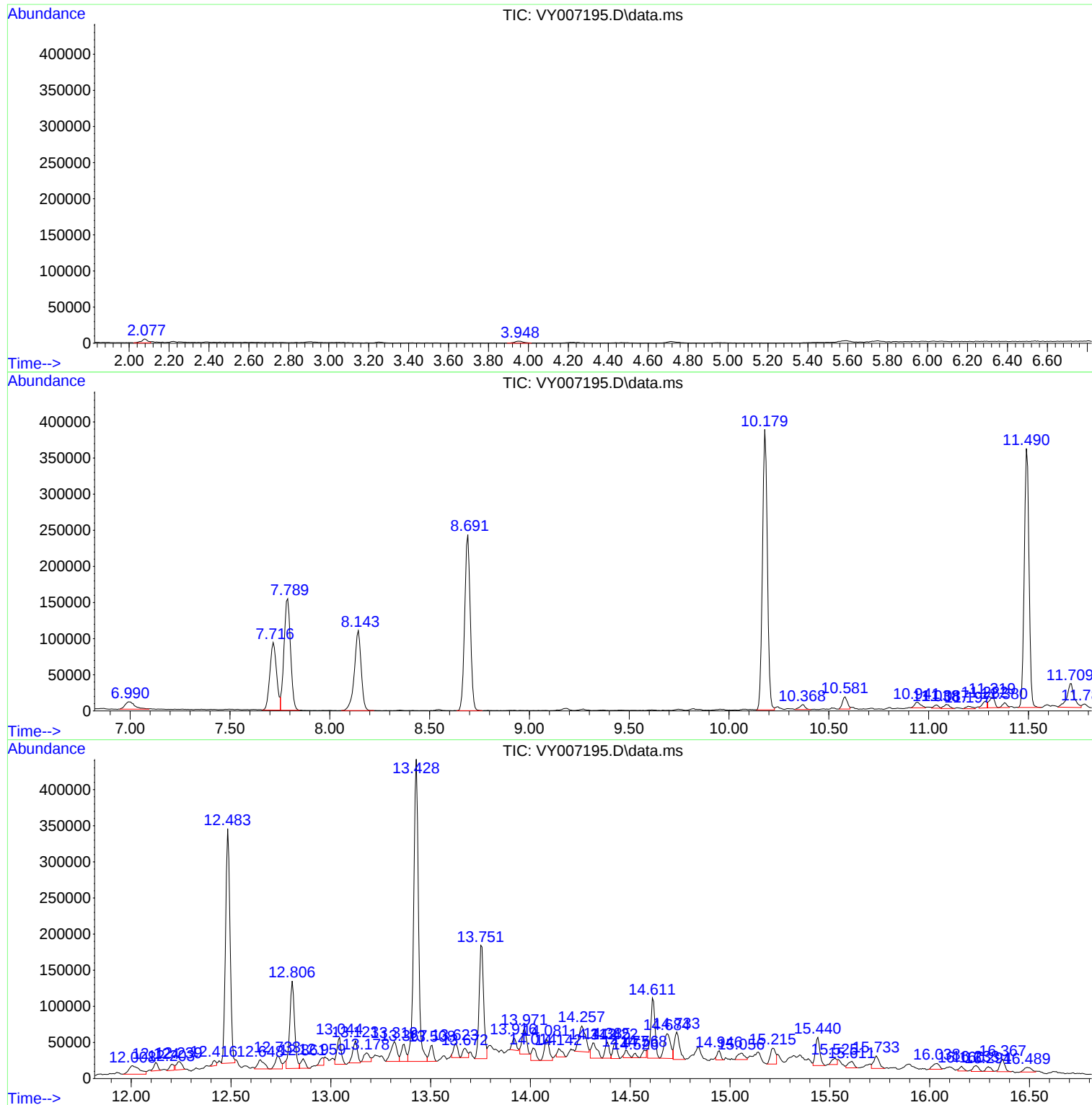
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

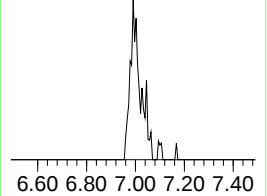
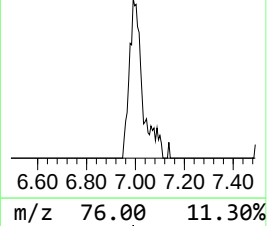
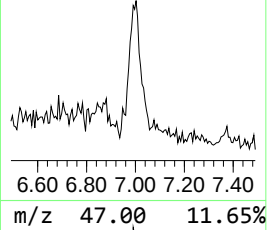
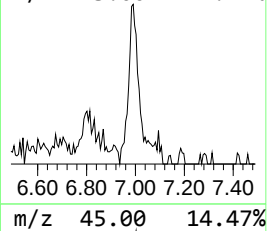
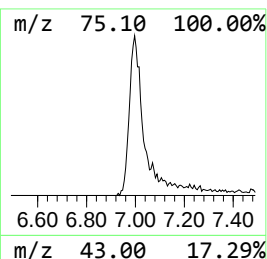
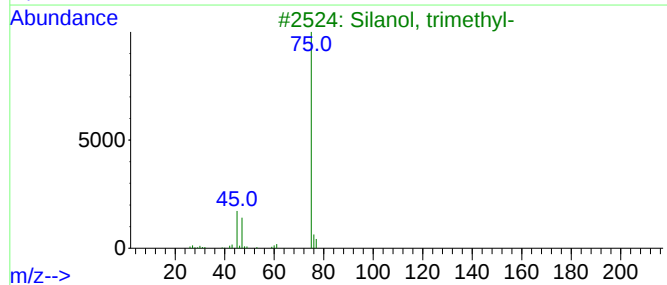
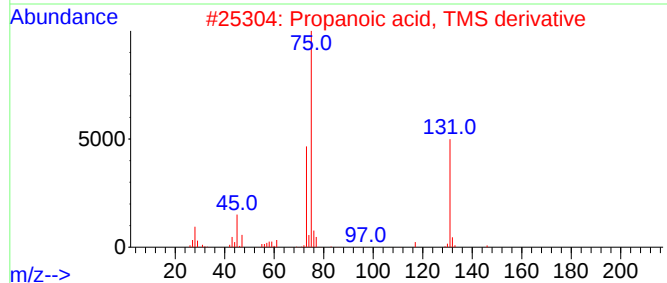
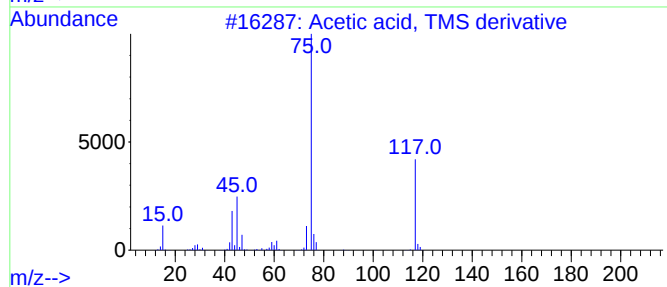
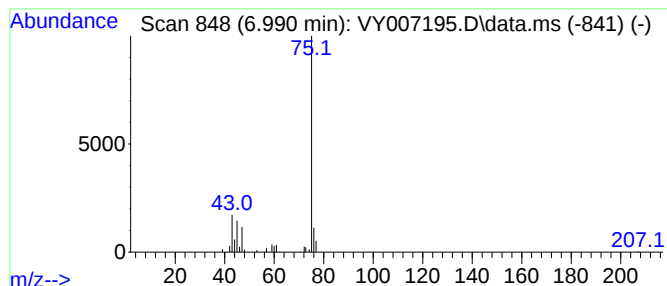
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 1 Acetic acid, TMS derivative Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.990	5.14 ug/l	35540	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, TMS derivative	132	C5H12O2Si	002754-27-0	78
2			Propanoic acid, TMS derivative	146	C6H14O2Si	016844-98-7	74
3			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	72
4			Ethylene glycol, TMS derivative	134	C5H14O2Si	004403-13-8	64
5			Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	56



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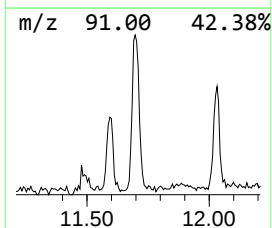
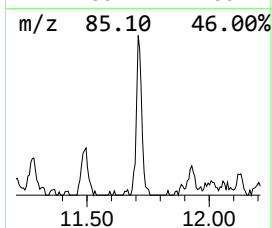
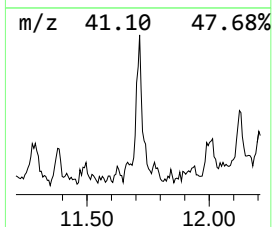
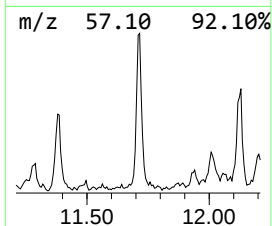
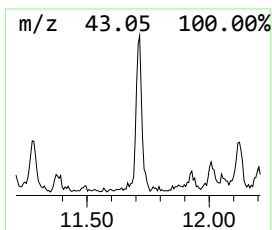
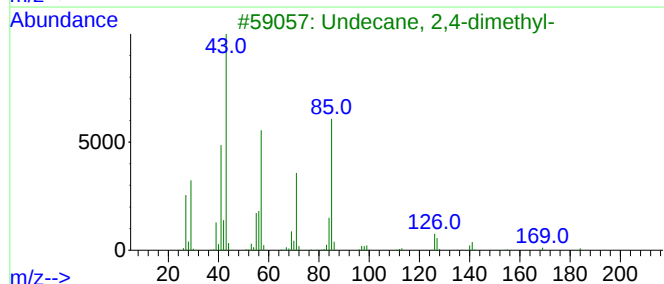
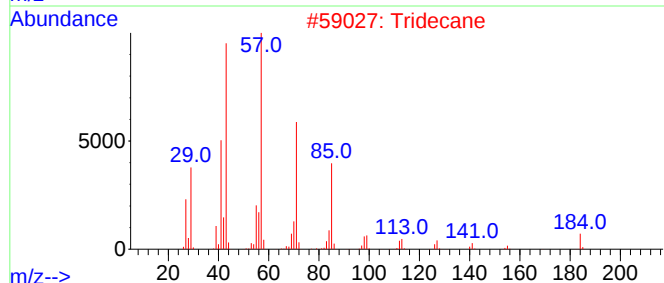
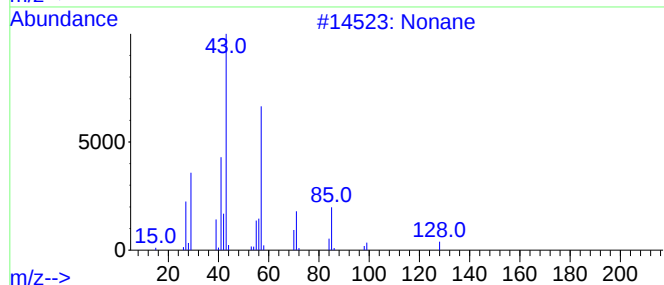
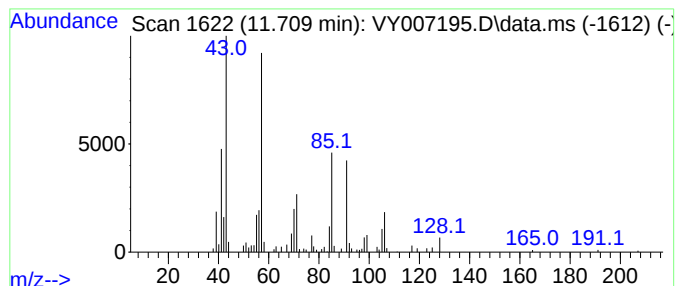
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 2 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	6.97 ug/l	82066	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	93
2			Tridecane	184	C13H28	000629-50-5	50
3			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47
4			Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	47
5			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	47



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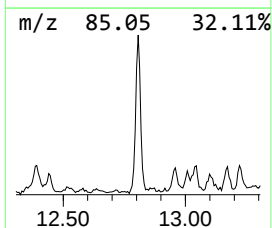
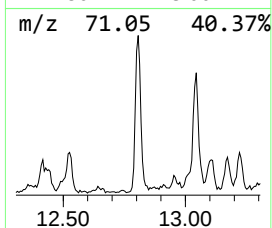
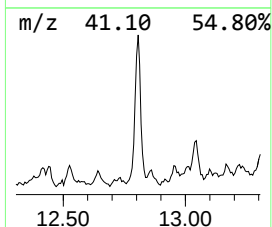
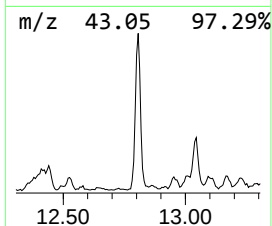
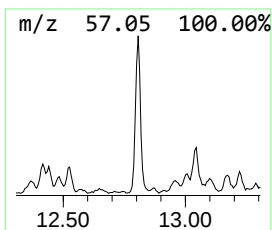
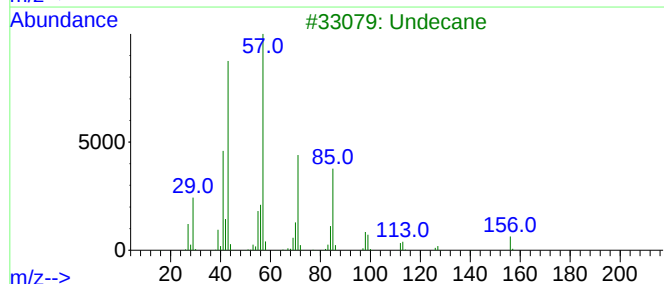
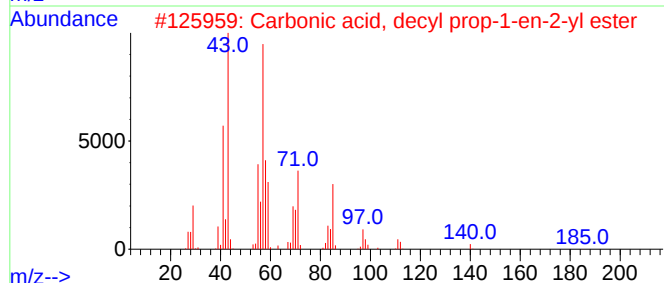
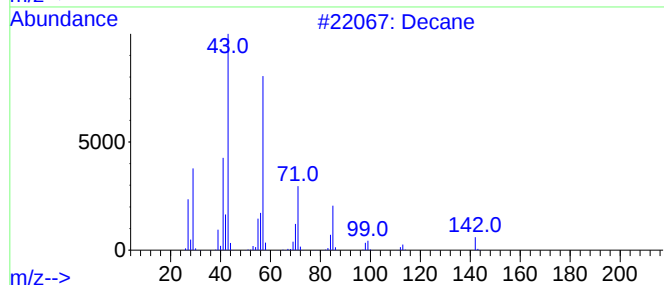
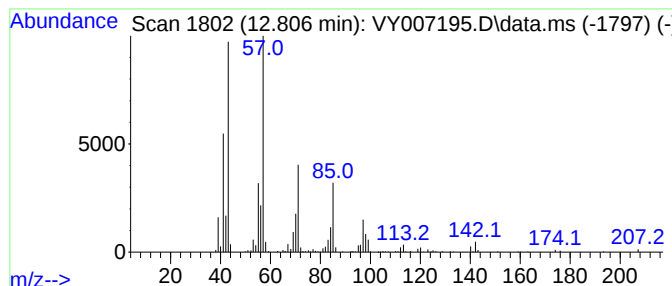
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TIC Library : C:\Database\NIST0.L
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Peak Number 3 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.807	14.55 ug/l	201053	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	78
3			Undecane	156	C11H24	001120-21-4	78
4			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	72
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	64



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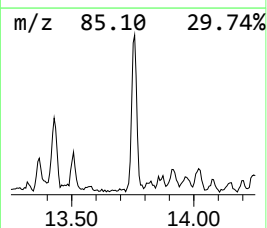
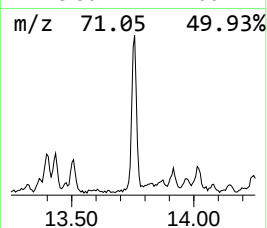
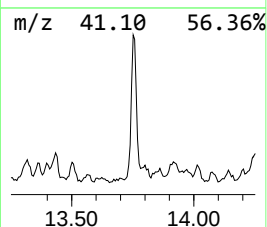
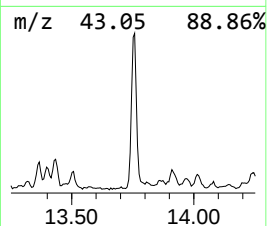
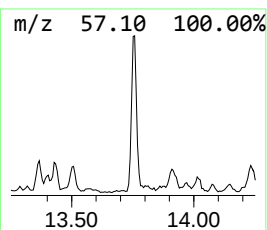
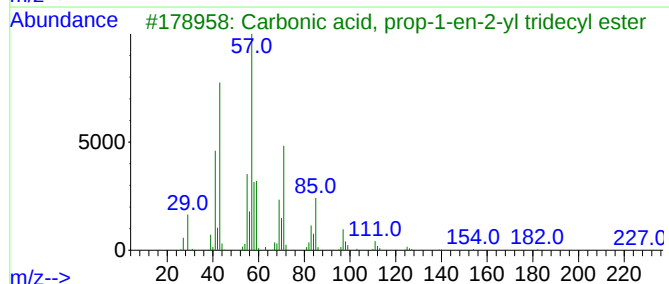
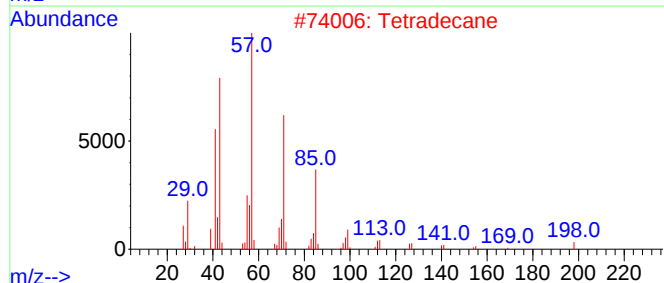
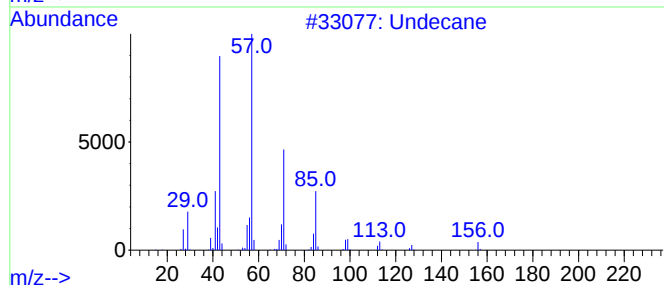
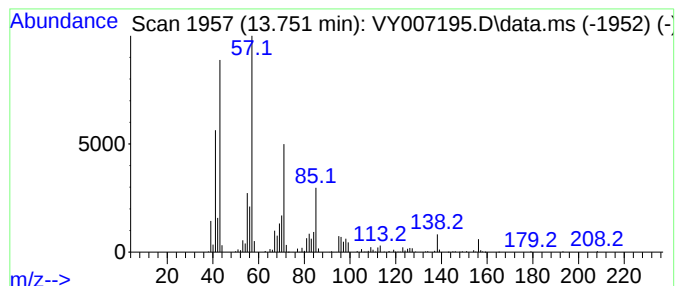
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 4 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	17.68 ug/l	244438	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	93
2			Tetradecane	198	C14H30	000629-59-4	80
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
4			Dodecane	170	C12H26	000112-40-3	72
5			Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007195.D
Acq On : 17 Jan 2022 18:48
Operator : SY/MD
Sample : N1165-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

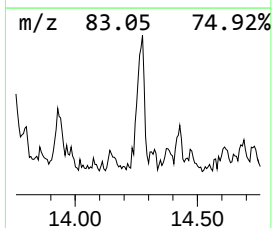
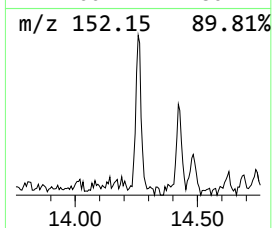
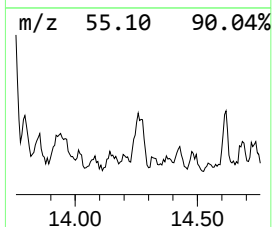
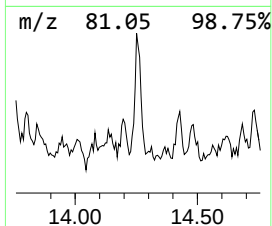
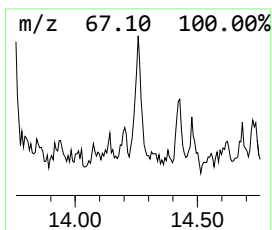
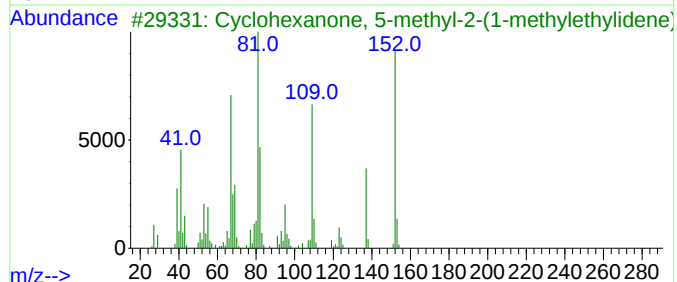
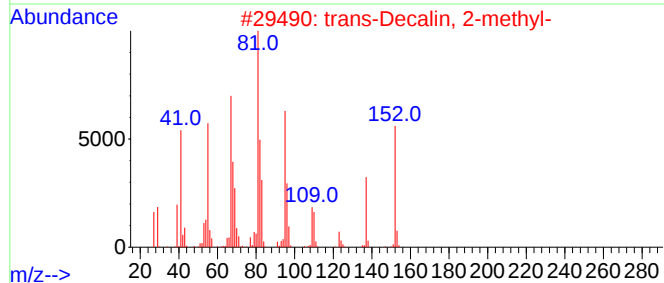
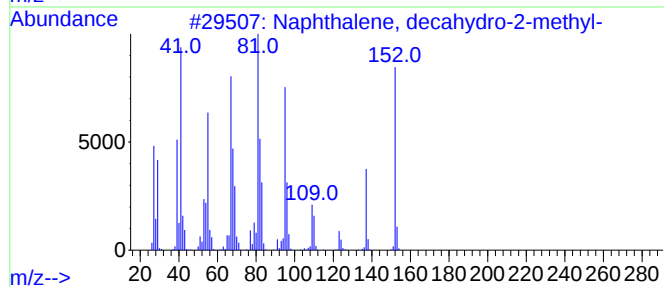
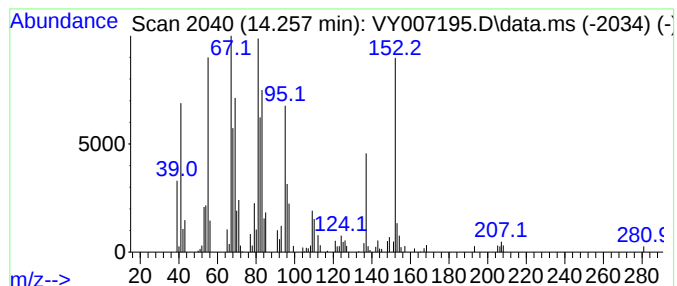
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.98 ug/l	82619	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
4			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	64
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007195.D
Acq On : 17 Jan 2022 18:48
Operator : SY/MD
Sample : N1165-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

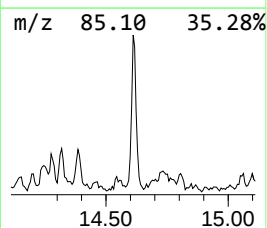
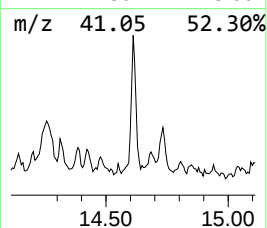
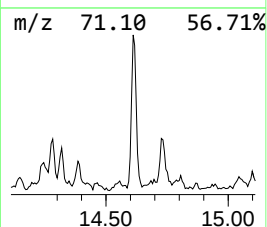
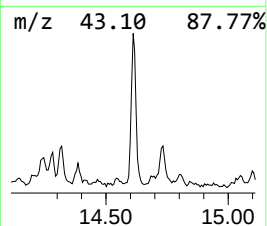
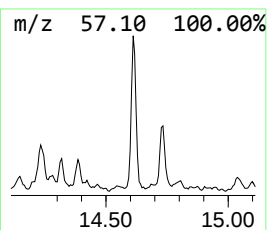
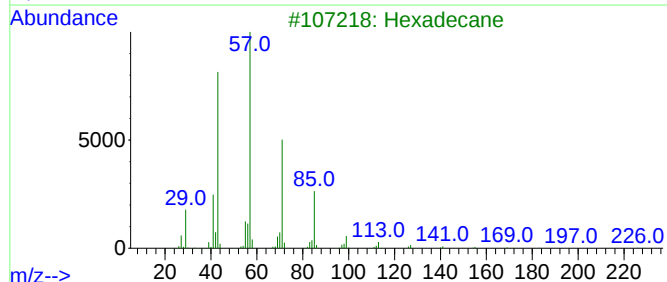
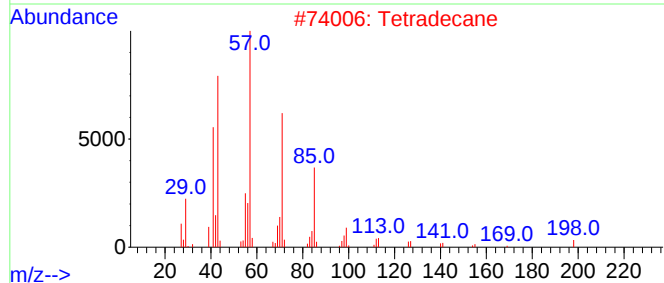
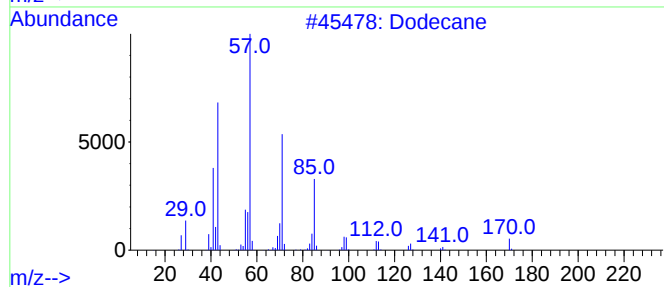
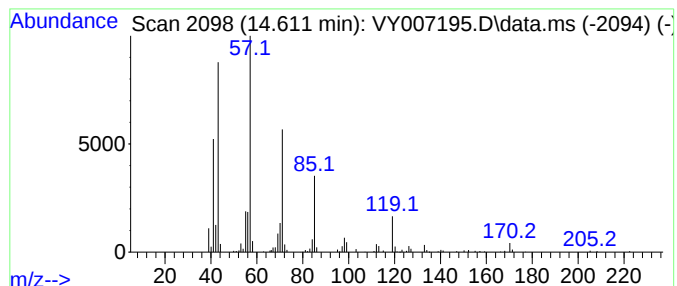
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	8.82 ug/l	121861	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Tetradecane	198	C14H30	000629-59-4	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007195.D
Acq On : 17 Jan 2022 18:48
Operator : SY/MD
Sample : N1165-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

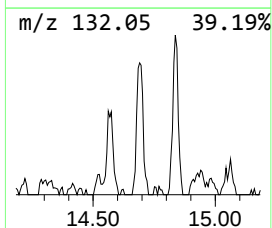
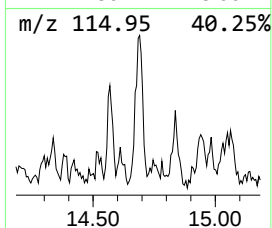
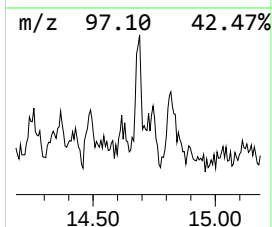
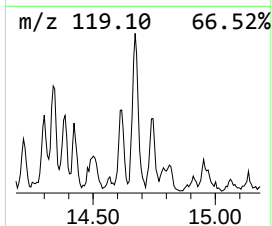
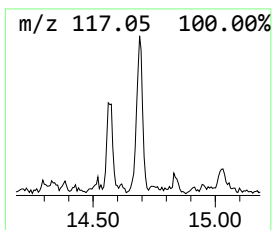
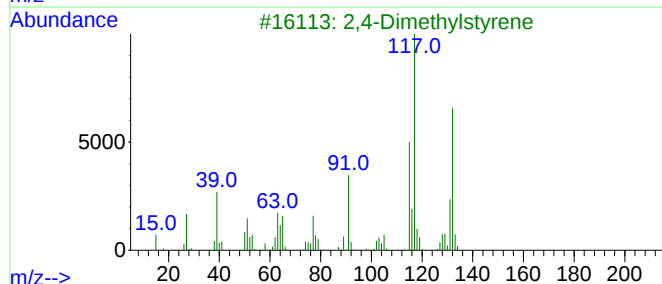
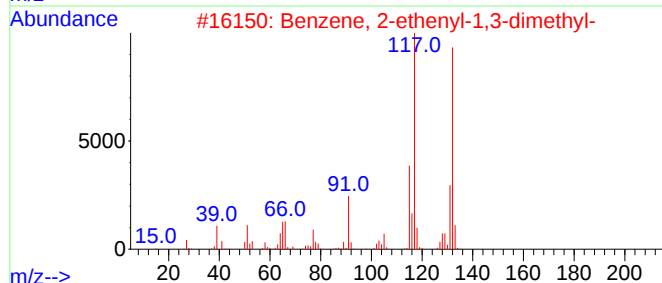
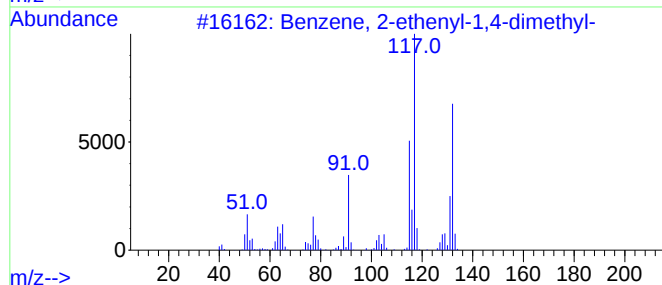
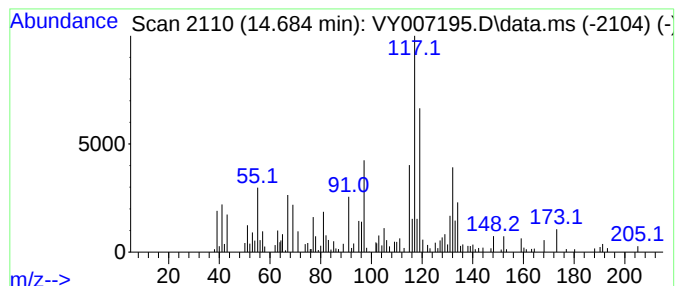
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	5.67 ug/l	78308	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	60
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	60
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	60
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007195.D
Acq On : 17 Jan 2022 18:48
Operator : SY/MD
Sample : N1165-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-011422

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.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
Acetic acid, TM...	6.990	5.1	ug/l	35540	1	7.789	345891	50.0
Nonane	11.709	7.0	ug/l	82066	3	11.490	588584	50.0
Decane	12.807	14.6	ug/l	201053	4	13.428	691127	50.0
Undecane	13.751	17.7	ug/l	244438	4	13.428	691127	50.0
Naphthalene, de...	14.257	6.0	ug/l	82619	4	13.428	691127	50.0
Dodecane	14.611	8.8	ug/l	121861	4	13.428	691127	50.0
Benzene, 2-ethe...	14.684	5.7	ug/l	78308	4	13.428	691127	50.0