

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020642.D
 Acq On : 18 Dec 2024 17:38
 Operator : SY/MD
 Sample : P5299-01
 Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M

Title : SW846 8260

Signal : TIC: VY020642.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.812	10	15	32	rVB	58817	93147	7.35%	0.946%
2	4.610	464	474	488	rBV2	9043	28066	2.22%	0.285%
3	7.634	960	970	976	rBV	180850	437327	34.53%	4.441%
4	7.707	976	982	1000	rVB	295401	678439	53.56%	6.890%
5	8.061	1029	1040	1051	rBV	156142	347475	27.43%	3.529%
6	8.609	1121	1130	1141	rBV	465272	941168	74.30%	9.558%
7	10.103	1366	1375	1384	rBV	740114	1266684	100.00%	12.864%
8	11.414	1583	1590	1603	rBV	655278	1061463	83.80%	10.780%
9	11.639	1623	1627	1634	rVB7	5823	12941	1.02%	0.131%
10	12.401	1746	1752	1765	rVB2	484840	807429	63.74%	8.200%
11	12.731	1795	1806	1811	rBV4	29617	62493	4.93%	0.635%
12	12.786	1811	1815	1820	rVB2	11678	18722	1.48%	0.190%
13	12.962	1840	1844	1851	rVB4	16091	28534	2.25%	0.290%
14	13.115	1861	1869	1873	rBV7	7575	19879	1.57%	0.202%
15	13.243	1881	1890	1893	rBV5	26112	63933	5.05%	0.649%
16	13.285	1893	1897	1899	rVV5	9544	14458	1.14%	0.147%
17	13.346	1900	1907	1914	rVB	573699	877309	69.26%	8.910%
18	13.420	1916	1919	1923	rBV3	12034	18603	1.47%	0.189%
19	13.615	1946	1951	1954	rBV5	9029	21739	1.72%	0.221%
20	13.670	1954	1960	1965	rVV2	129148	233669	18.45%	2.373%
21	13.712	1965	1967	1971	rVV2	29178	41540	3.28%	0.422%
22	13.773	1971	1977	1984	rVV5	22727	68461	5.40%	0.695%
23	13.889	1984	1996	2001	rVV2	160754	336223	26.54%	3.415%
24	13.932	2001	2003	2008	rVB3	15454	21012	1.66%	0.213%
25	13.999	2009	2014	2019	rBV7	7603	17031	1.34%	0.173%
26	14.060	2020	2024	2028	rVV7	16875	33036	2.61%	0.336%
27	14.115	2029	2033	2037	rVV4	31078	60797	4.80%	0.617%
28	14.176	2037	2043	2050	rVV7	104994	225963	17.84%	2.295%
29	14.237	2050	2053	2059	rVV3	18011	33243	2.62%	0.338%
30	14.304	2059	2064	2066	rVV4	15386	29494	2.33%	0.300%
31	14.340	2066	2070	2075	rVV2	75580	116039	9.16%	1.178%
32	14.395	2075	2079	2086	rVB3	32837	55213	4.36%	0.561%
33	14.535	2097	2102	2108	rVB2	102065	148182	11.70%	1.505%
34	14.602	2108	2113	2116	rBV2	38861	62737	4.95%	0.637%
35	14.651	2116	2121	2127	rVB3	102763	170460	13.46%	1.731%
36	14.718	2127	2132	2135	rBV7	21245	39588	3.13%	0.402%

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37	14.767	2135	2140	2148	rVB2	73798	167160	13.20%	1.698%
38	14.852	2148	2154	2159	rVB4	40380	84838	6.70%	0.862%
39	14.901	2159	2162	2165	rBV3	18478	28526	2.25%	0.290%
40	14.950	2166	2170	2176	rBV4	33812	69682	5.50%	0.708%
41	15.005	2176	2179	2181	rBV3	11150	16648	1.31%	0.169%
42	15.053	2182	2187	2193	rVB6	55124	121769	9.61%	1.237%
43	15.121	2193	2198	2202	rBV2	87691	143360	11.32%	1.456%
44	15.169	2202	2206	2209	rBV3	36556	57417	4.53%	0.583%
45	15.255	2216	2220	2222	rBV4	20025	33923	2.68%	0.345%
46	15.346	2231	2235	2240	rVB	108196	150086	11.85%	1.524%
47	15.407	2241	2245	2248	rVV5	14255	27656	2.18%	0.281%
48	15.450	2249	2252	2257	rVV4	25556	43853	3.46%	0.445%
49	15.511	2257	2262	2268	rVB3	49044	85492	6.75%	0.868%
50	15.925	2325	2330	2335	rVB4	40743	76083	6.01%	0.773%
51	16.053	2346	2351	2358	rVB4	49908	88372	6.98%	0.897%
52	16.254	2378	2384	2388	rBV	90410	159213	12.57%	1.617%

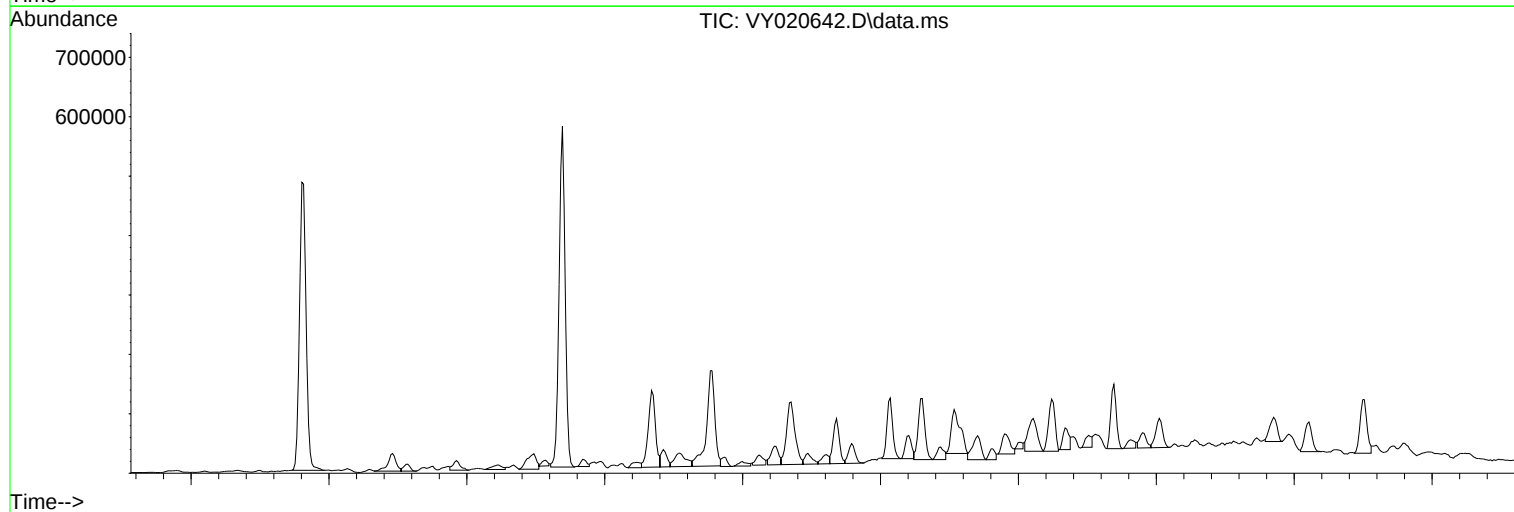
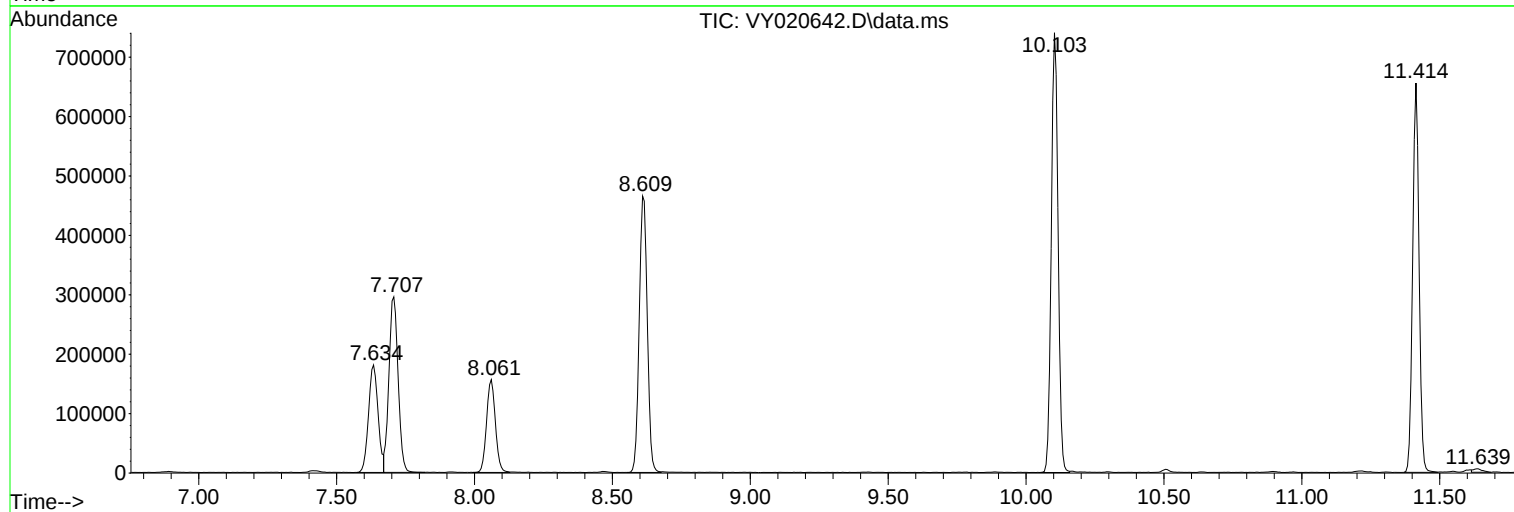
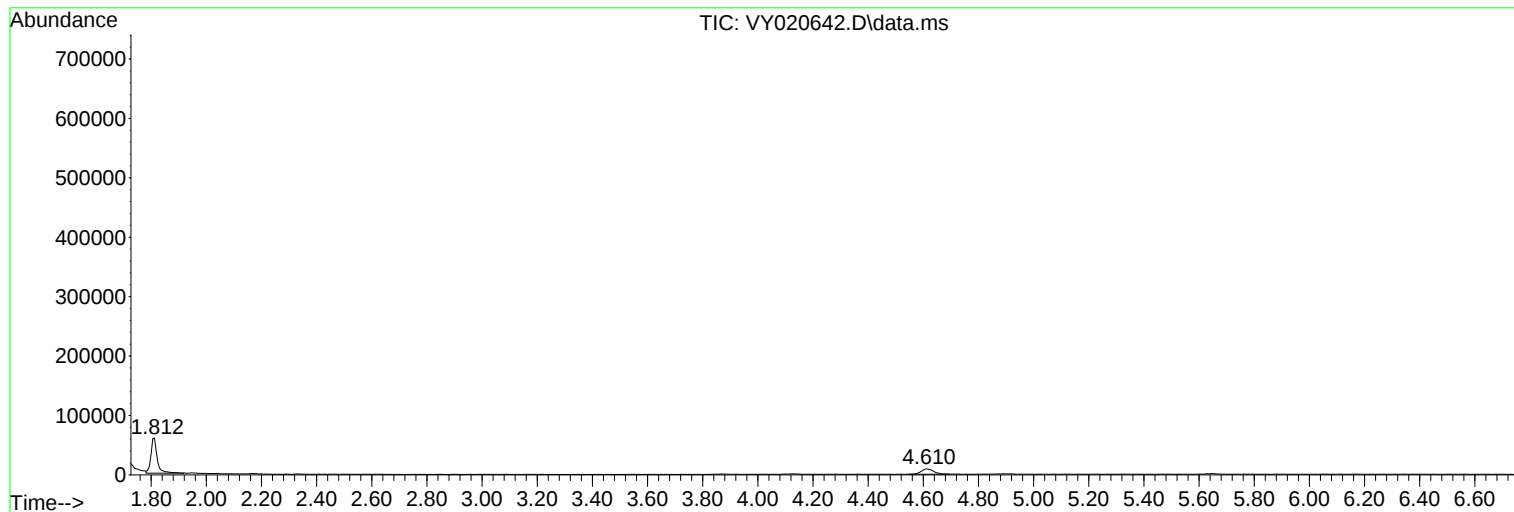
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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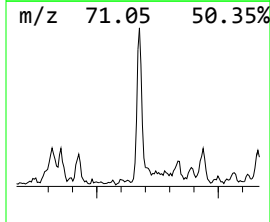
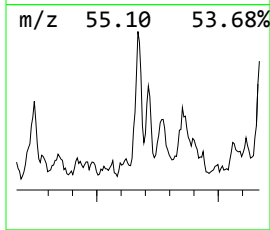
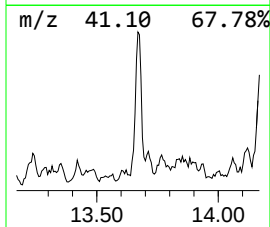
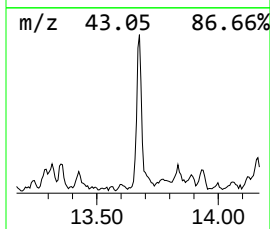
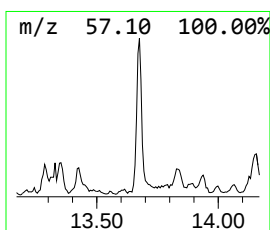
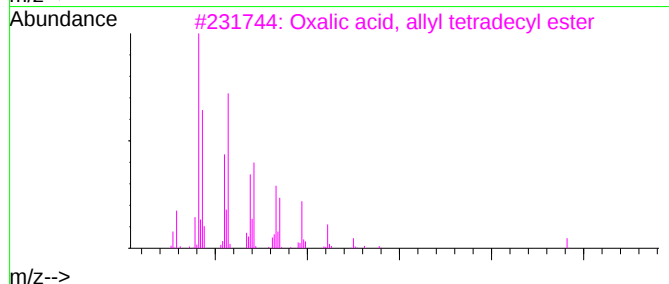
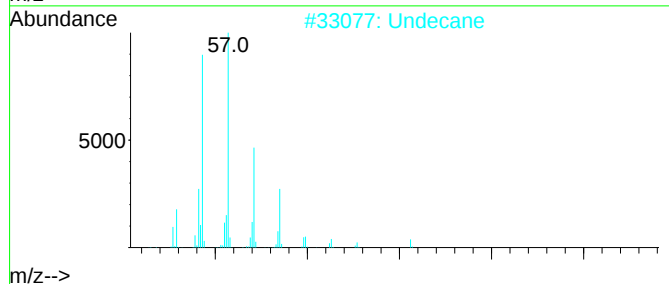
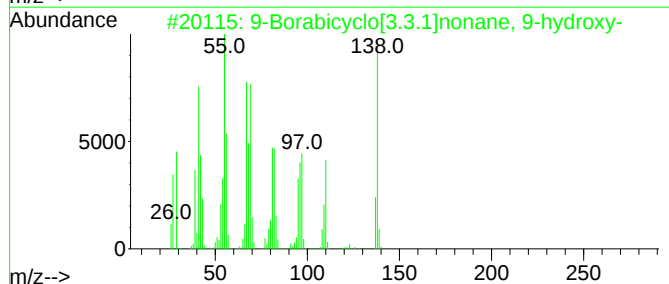
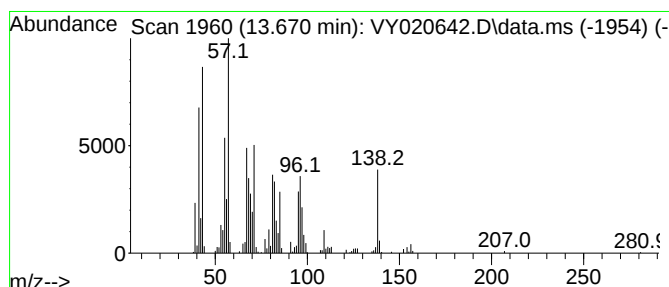
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Quant Title : SW846 8260

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

Peak Number 1 unknown13.670 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	13.32 ug/l	233669	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	41
2	Undecane	156	C11H24	001120-21-4	35
3	Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	30
4	Butanoic acid, 5-methyl-2-(1-met...	226	C14H26O2	092319-43-2	27
5	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	25



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

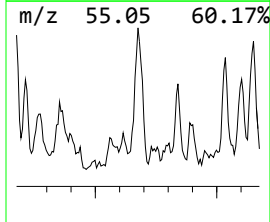
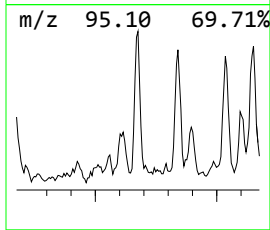
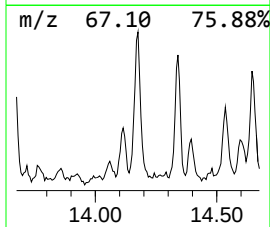
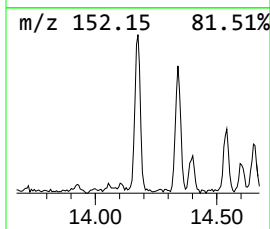
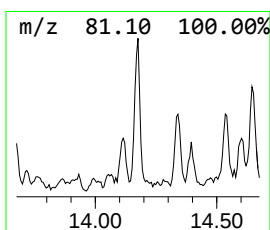
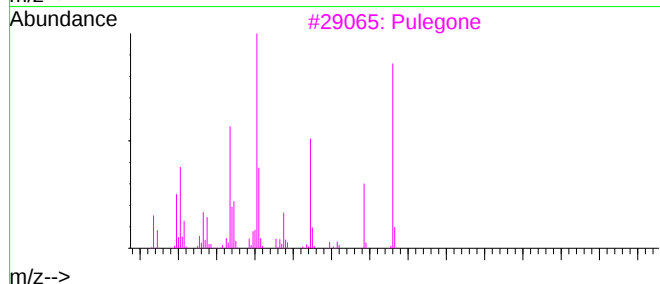
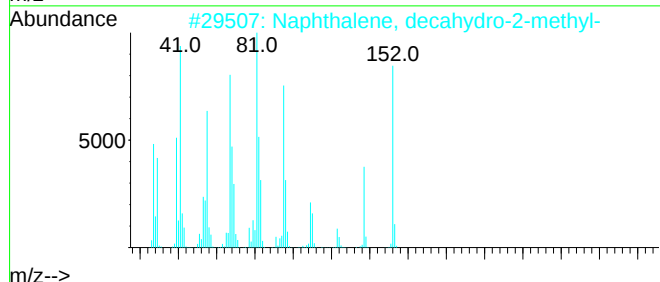
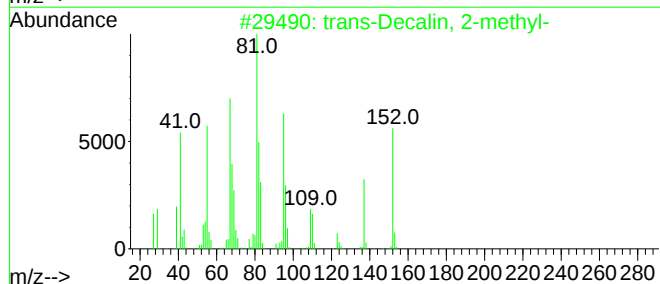
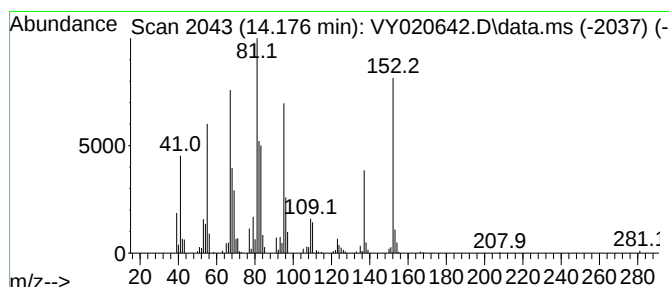
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.176	12.88 ug/l	225963	1,4-Dichlorobenzene-d4	13.346	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3	Pulegone	152	C10H16O	000089-82-7	68
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64



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Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

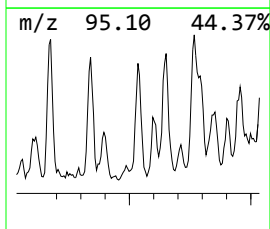
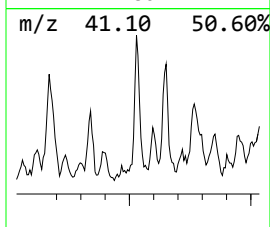
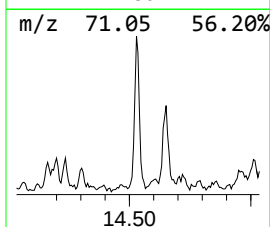
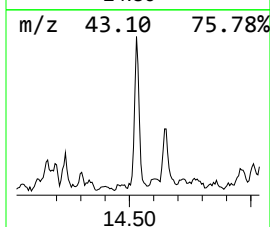
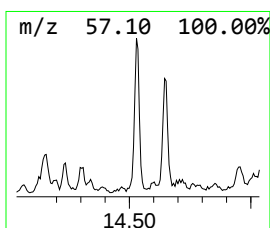
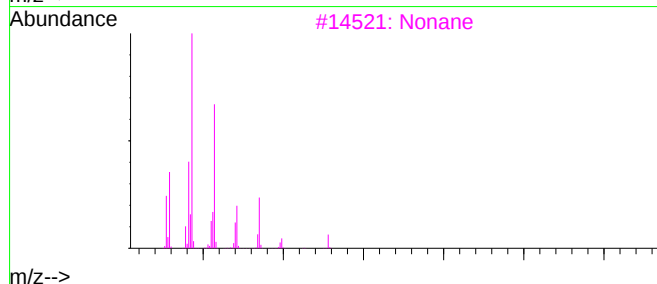
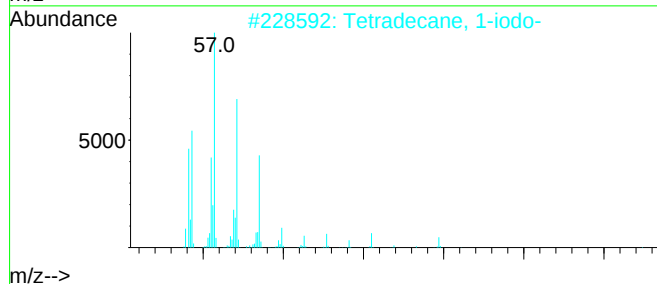
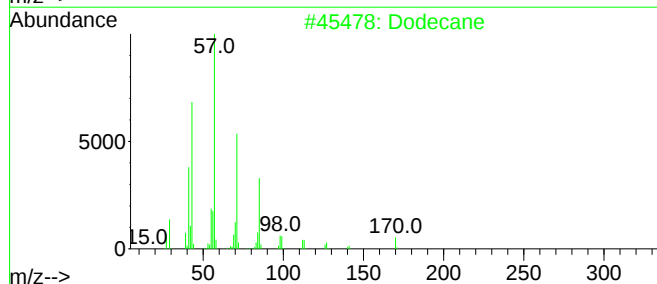
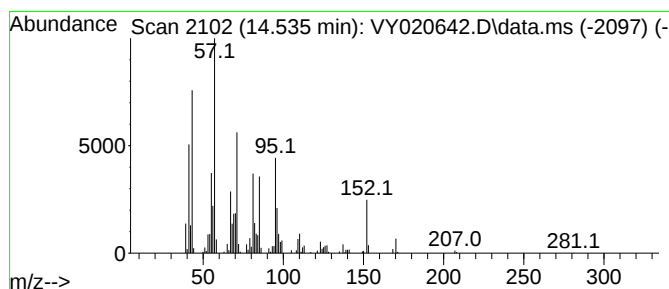
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.535	8.45 ug/l	148182	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	53
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
3	Nonane	128	C9H20	000111-84-2	38
4	Nonadecane	268	C19H40	000629-92-5	38
5	Tetradecane	198	C14H30	000629-59-4	35



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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260

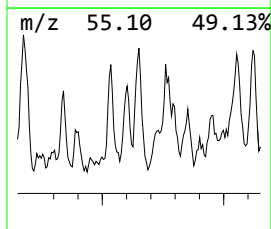
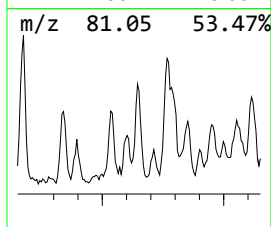
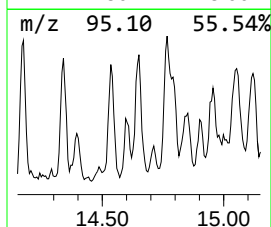
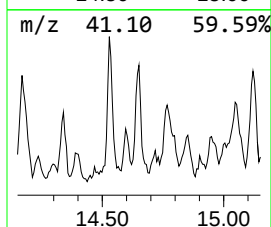
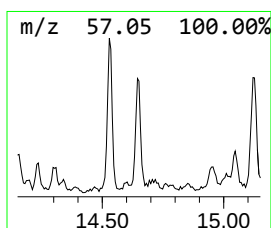
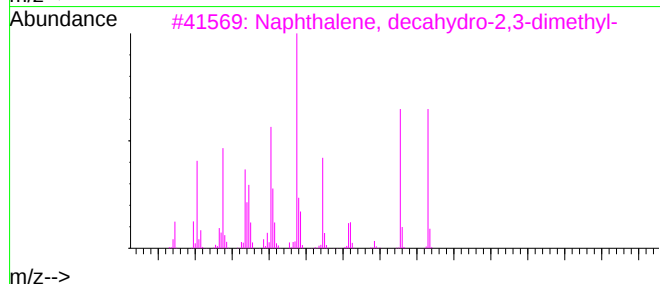
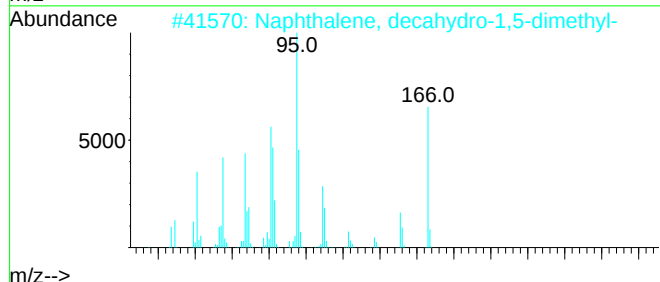
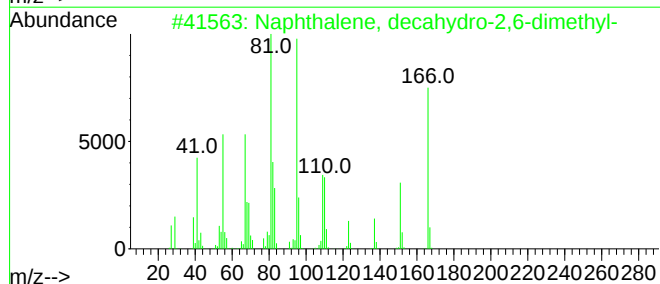
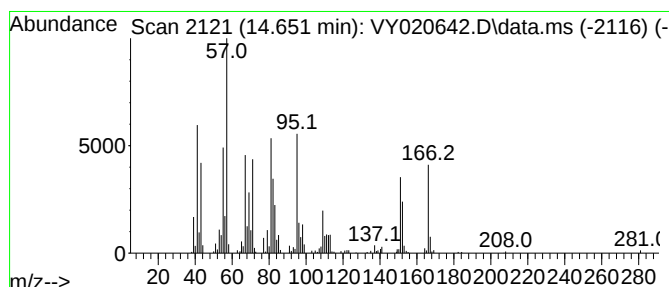
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-2,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	9.71 ug/l	170460	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	53
2	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	49
3	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	49
4	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	46
5	Camphor	152	C10H16O	000076-22-2	46



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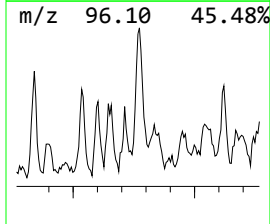
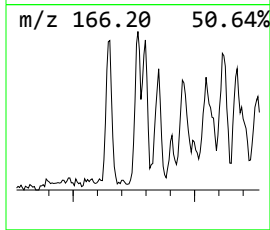
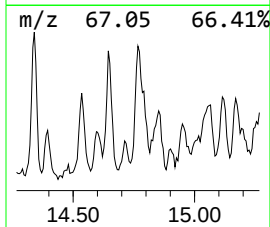
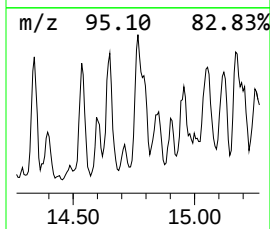
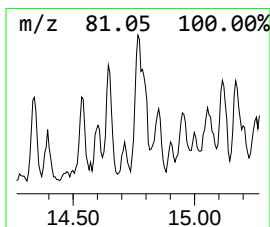
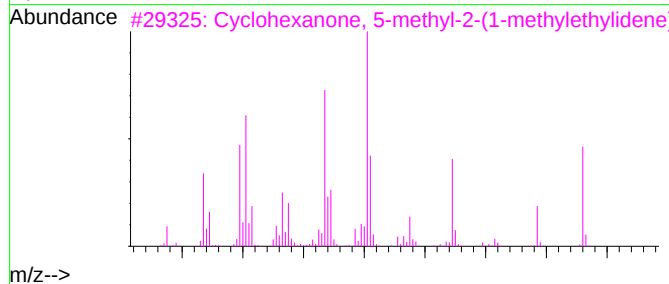
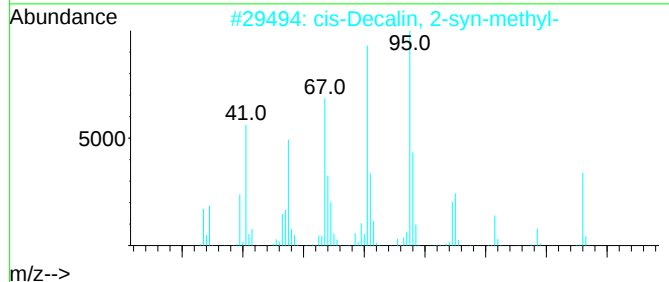
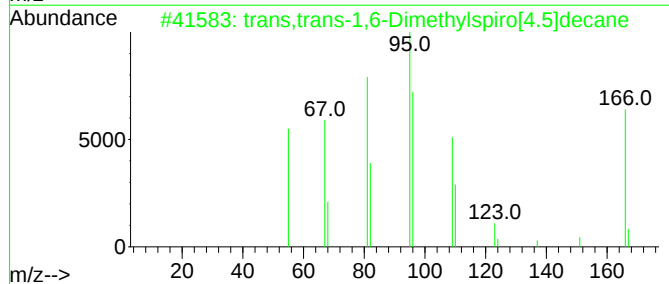
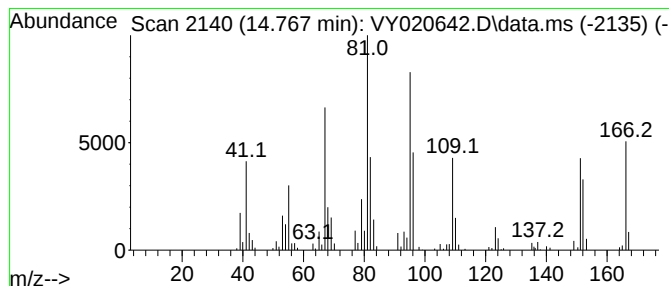
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 trans,trans-1,6-Dimethylspi... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.767	9.53 ug/l	167160	1,4-Dichlorobenzene-d4	13.346	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	76
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52
5	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020642.D
Acq On : 18 Dec 2024 17:38
Operator : SY/MD
Sample : P5299-01
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

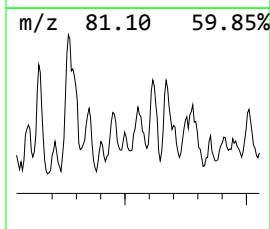
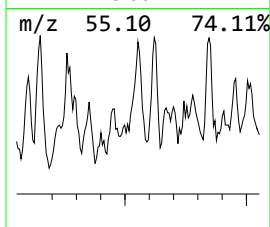
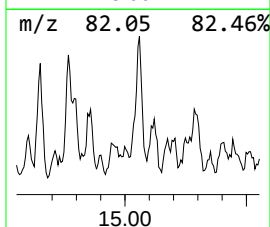
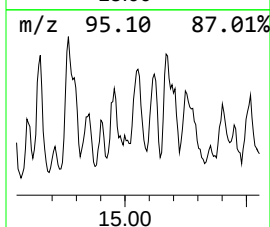
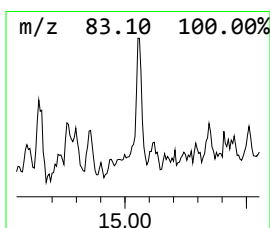
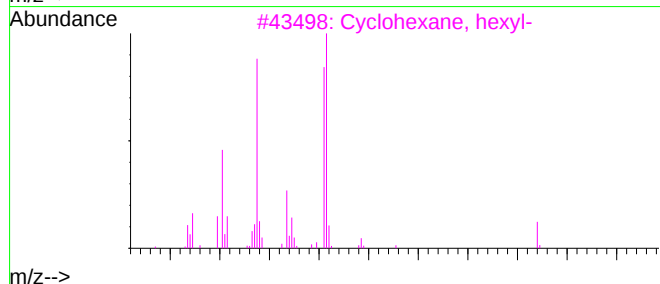
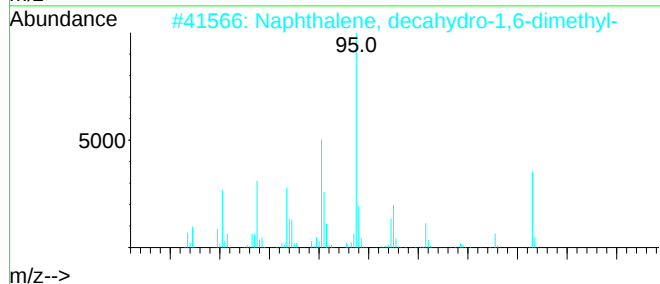
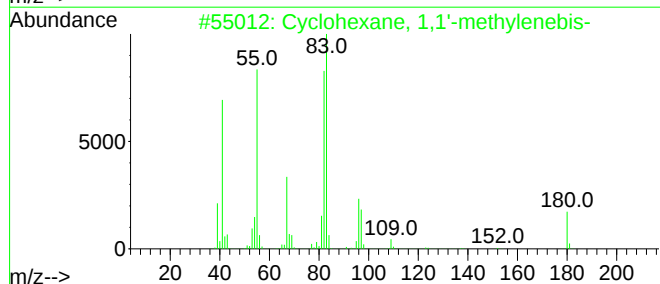
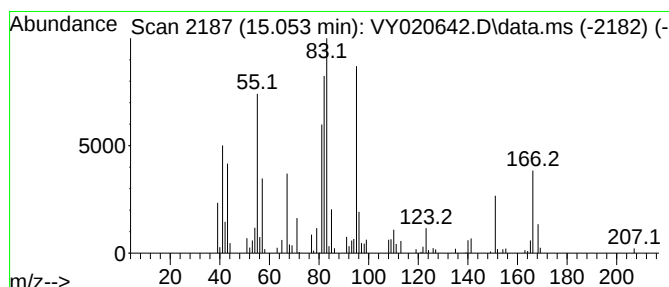
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.054 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.054	6.94 ug/l	121769	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	38
2	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	38
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	166	C11H18O	005811-48-3	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020642.D
Acq On : 18 Dec 2024 17:38
Operator : SY/MD
Sample : P5299-01
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

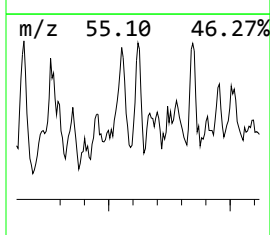
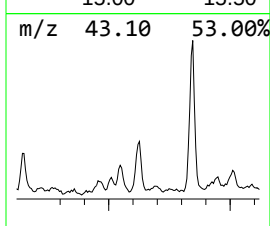
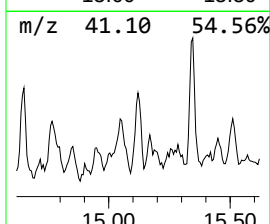
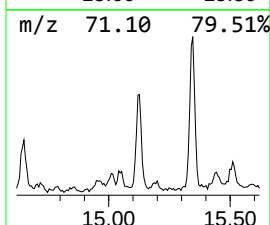
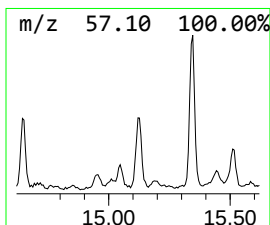
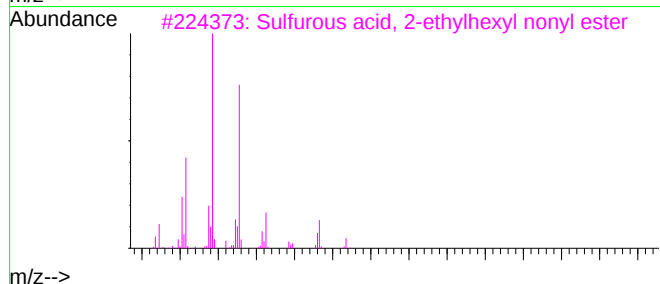
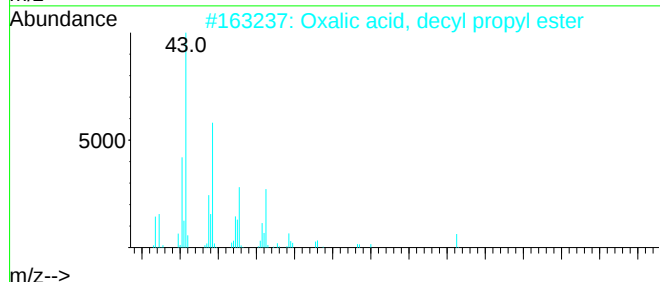
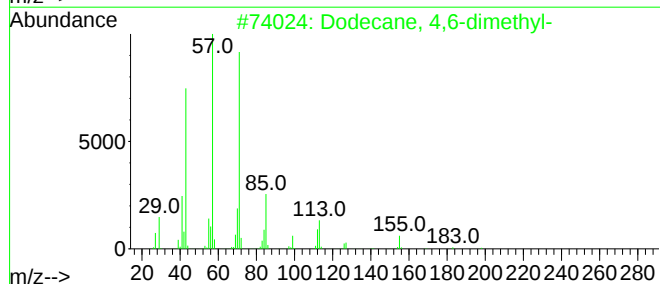
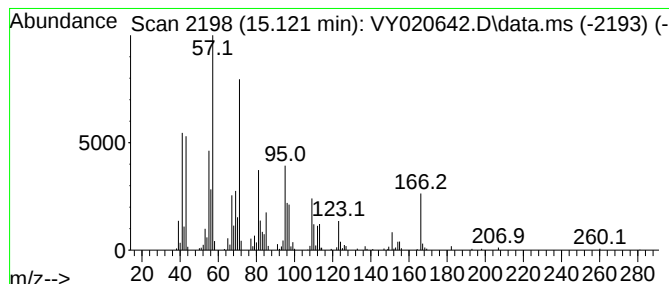
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.121	8.17 ug/l	143360	1,4-Dichlorobenzene-d4	13.346	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	35
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	30
4	Decane, 4-methyl-	156	C11H24	002847-72-5	30
5	Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020642.D
Acq On : 18 Dec 2024 17:38
Operator : SY/MD
Sample : P5299-01
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

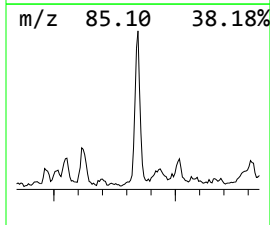
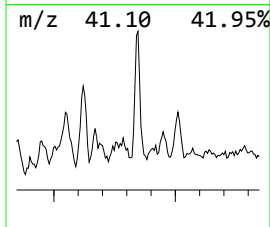
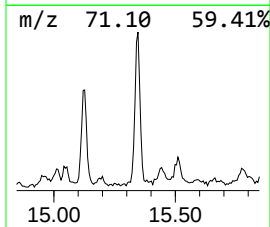
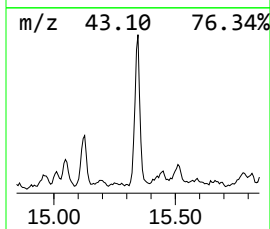
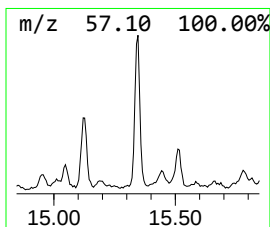
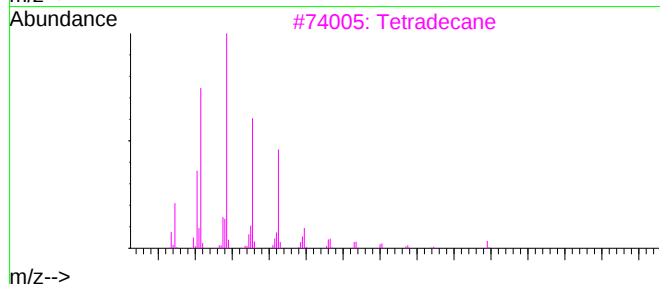
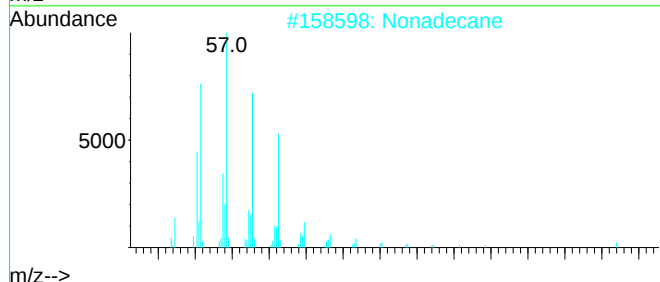
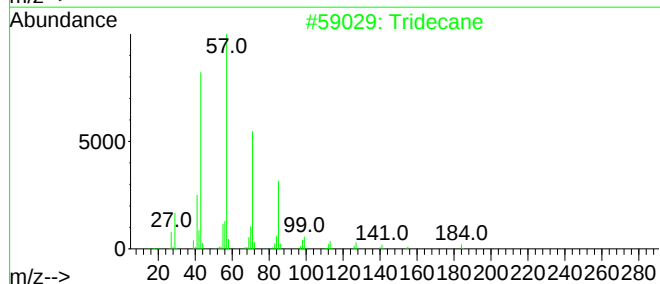
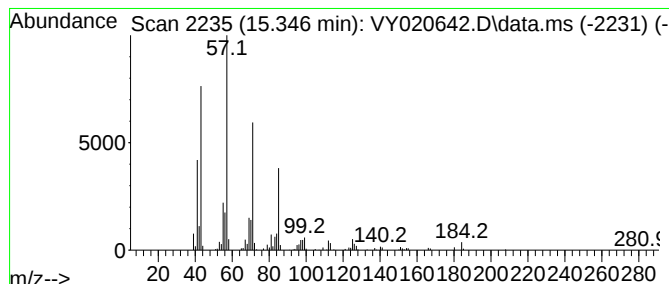
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.346	8.55 ug/l	150086	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tetradecane	198	C14H30	000629-59-4	80
4	Dodecane	170	C12H26	000112-40-3	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020642.D
Acq On : 18 Dec 2024 17:38
Operator : SY/MD
Sample : P5299-01
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

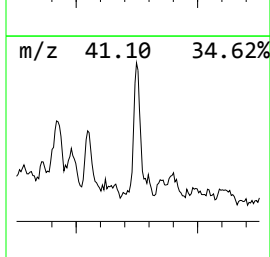
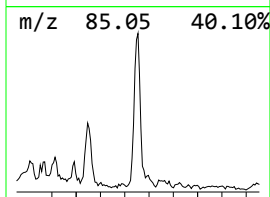
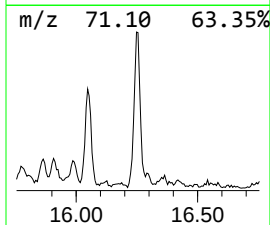
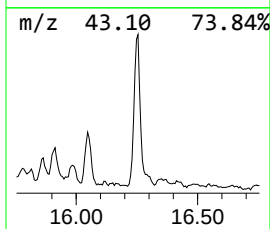
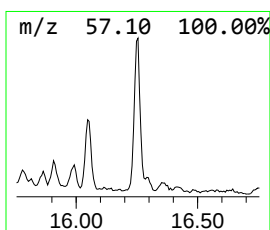
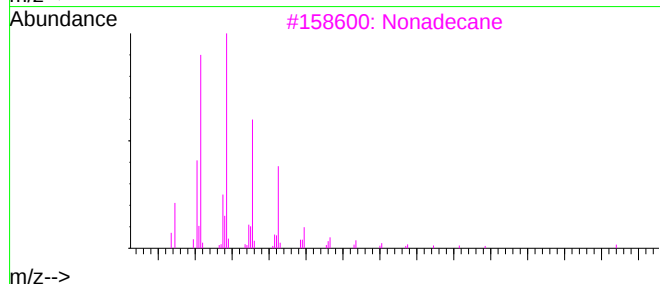
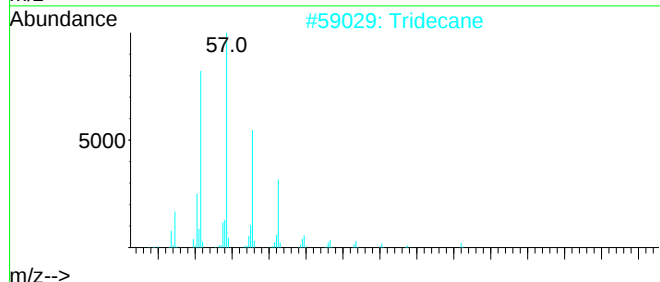
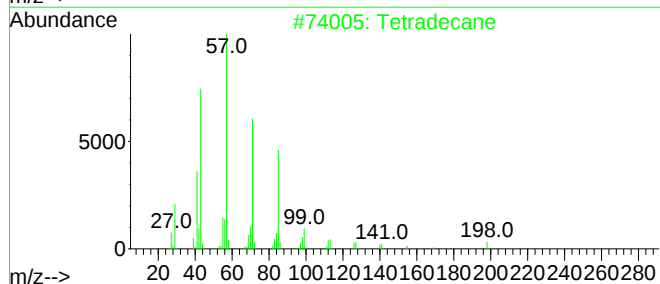
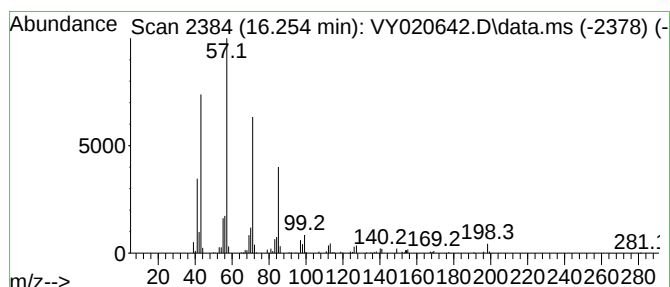
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.255	9.07 ug/l	159213	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020642.D
Acq On : 18 Dec 2024 17:38
Operator : SY/MD
Sample : P5299-01
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.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
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trans-Decalin, ...	14.176	12.9	ug/l	225963	4	13.346	877309	50.0
Dodecane	14.535	8.4	ug/l	148182	4	13.346	877309	50.0
Naphthalene, de...	14.651	9.7	ug/l	170460	4	13.346	877309	50.0
trans,trans-1,6...	14.767	9.5	ug/l	167160	4	13.346	877309	50.0
unknown15.054	15.054	6.9	ug/l	121769	4	13.346	877309	50.0
Dodecane, 4,6-d...	15.121	8.2	ug/l	143360	4	13.346	877309	50.0
Tridecane	15.346	8.6	ug/l	150086	4	13.346	877309	50.0
Tetradecane	16.255	9.1	ug/l	159213	4	13.346	877309	50.0