

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007558.D
 Acq On : 18 Feb 2022 20:22
 Operator : SY/MD
 Sample : N1611-04
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-COMP

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\82Y021422S.M

Title : SW846 8260

Signal : TIC: VY007558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.942	340	348	359	rBV	12021	31848	2.03%	0.751%
2	4.204	382	391	403	rVB	9775	26265	1.67%	0.619%
3	4.722	466	476	489	rVB3	7196	20056	1.28%	0.473%
4	7.722	959	968	973	rBV	44314	106933	6.82%	2.522%
5	7.789	973	979	992	rVB	97040	217057	13.84%	5.118%
6	8.142	1028	1037	1048	rBV2	52272	109284	6.97%	2.577%
7	8.691	1119	1127	1140	rVB	146011	278760	17.77%	6.573%
8	10.179	1364	1371	1379	rBV	223731	388677	24.78%	9.165%
9	11.489	1576	1586	1594	rBV	220177	360064	22.96%	8.490%
10	12.489	1743	1750	1759	rVB2	901309	1568482	100.00%	36.985%
11	12.800	1797	1801	1809	rVB4	14221	23097	1.47%	0.545%
12	13.422	1896	1903	1913	rVB	201690	330521	21.07%	7.794%
13	13.751	1951	1957	1962	rBV2	39574	63609	4.06%	1.500%
14	13.965	1986	1992	1997	rVB2	47970	80628	5.14%	1.901%
15	14.080	2005	2011	2017	rBV8	9175	20425	1.30%	0.482%
16	14.257	2034	2040	2046	rVV9	18166	47157	3.01%	1.112%
17	14.312	2046	2049	2056	rVB5	10161	20090	1.28%	0.474%
18	14.422	2063	2067	2072	rVB4	11389	17451	1.11%	0.411%
19	14.611	2093	2098	2103	rVV2	41014	64116	4.09%	1.512%
20	14.678	2103	2109	2114	rVV6	20844	48985	3.12%	1.155%
21	14.733	2114	2118	2124	rVB5	19825	34103	2.17%	0.804%
22	14.836	2131	2135	2141	rVB3	11094	17285	1.10%	0.408%
23	15.050	2165	2170	2176	rBV6	9259	23306	1.49%	0.550%
24	15.233	2191	2200	2206	rBV2	18135	53290	3.40%	1.257%
25	15.294	2206	2210	2214	rVV2	12625	22025	1.40%	0.519%
26	15.342	2214	2218	2225	rVV7	14366	38705	2.47%	0.913%
27	15.434	2229	2233	2239	rVV3	27276	44466	2.83%	1.049%
28	15.531	2241	2249	2255	rBV5	9670	28028	1.79%	0.661%
29	15.726	2276	2281	2290	rVB4	22565	43537	2.78%	1.027%
30	15.891	2302	2308	2318	rVB9	6396	18110	1.15%	0.427%
31	16.031	2323	2331	2336	rBV6	13793	31406	2.00%	0.741%
32	16.226	2357	2363	2369	rVV3	13235	26447	1.69%	0.624%
33	16.287	2369	2373	2379	rVV4	9962	19202	1.22%	0.453%
34	16.361	2381	2385	2393	rVB6	8899	17426	1.11%	0.411%

Sum of corrected areas: 4240841

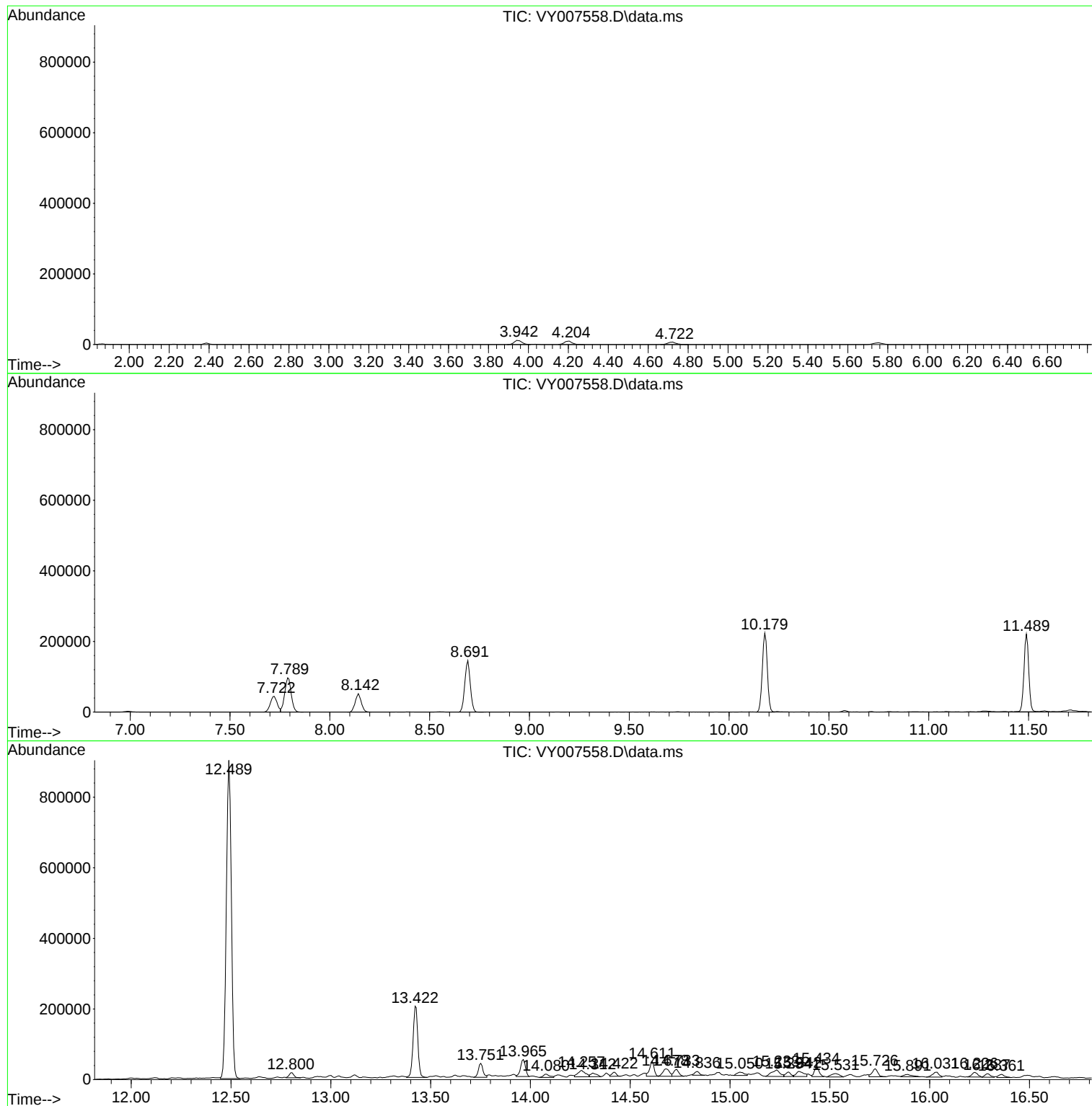
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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



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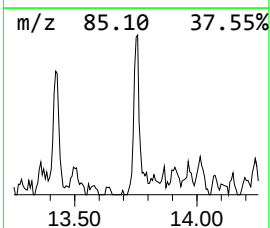
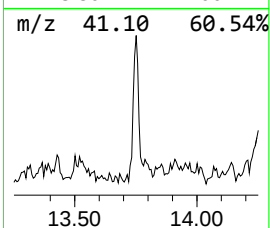
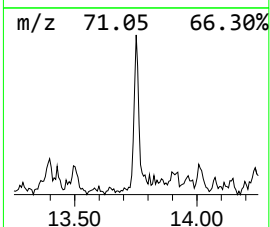
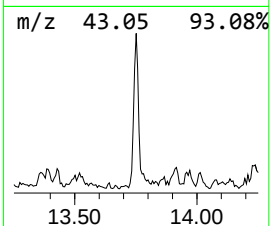
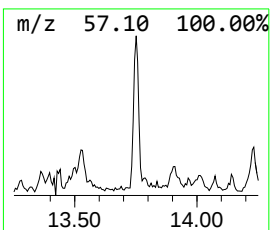
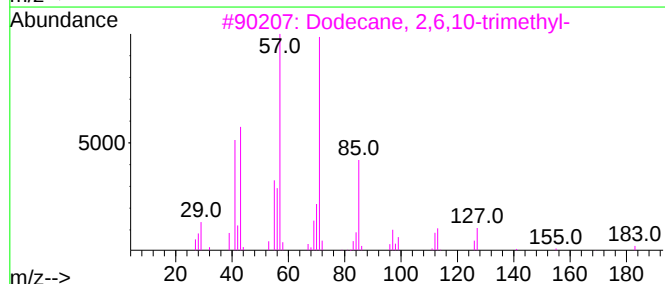
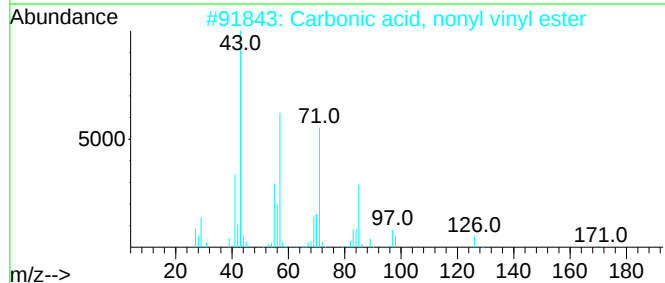
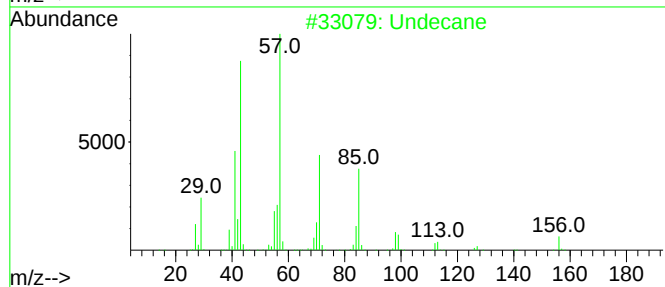
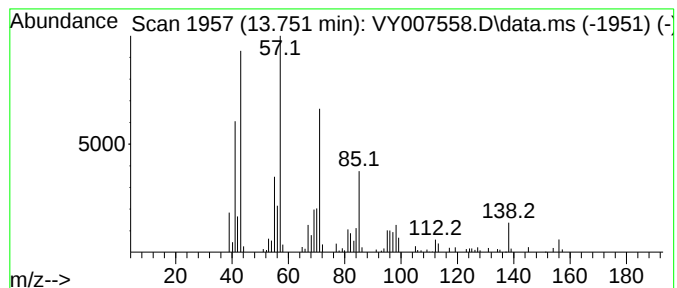
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	9.62 ug/l	63609	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	91
2			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	59
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
4			Ether, hexyl pentyl	172	C11H24O	032357-83-8	49
5			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	47



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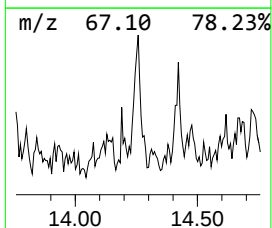
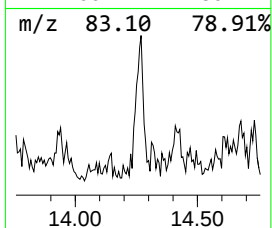
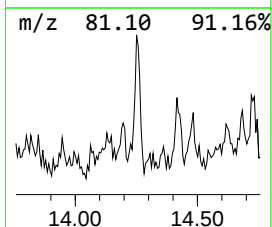
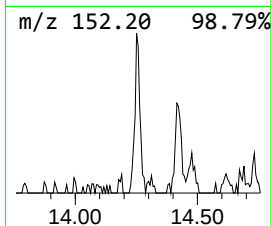
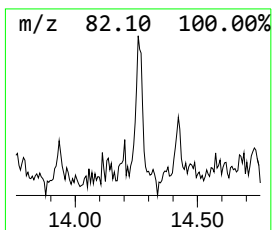
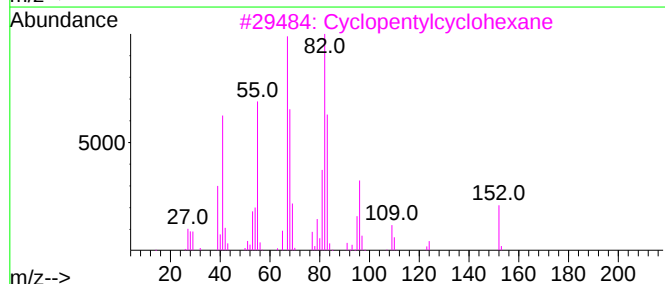
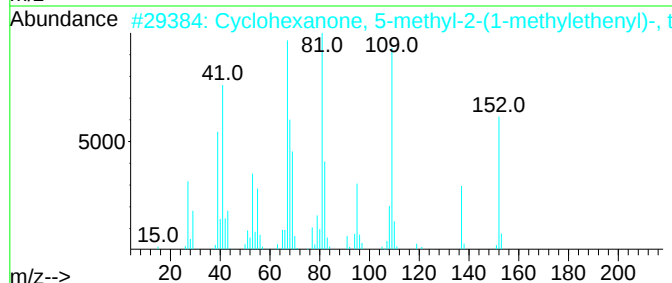
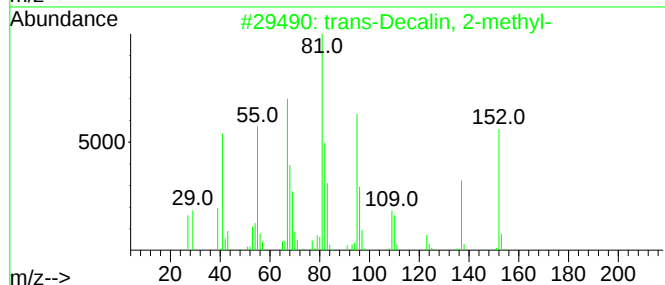
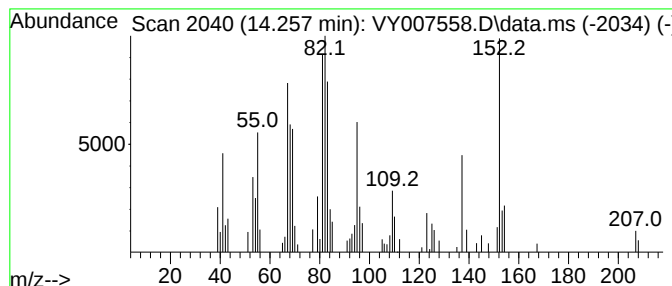
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	7.13 ug/l	47157	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	60
3			Cyclopentylcyclohexane	152	C11H20	001606-08-2	58
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	41



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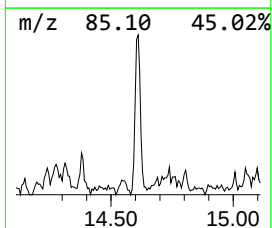
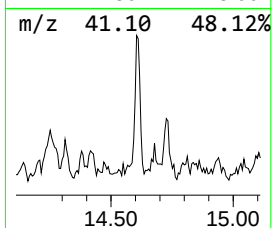
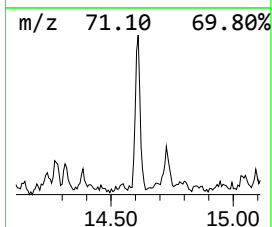
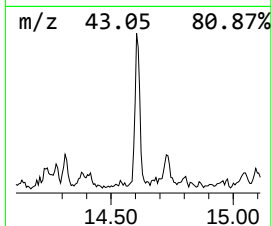
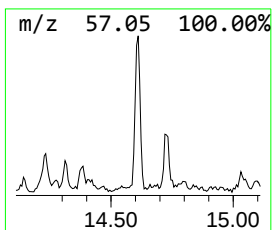
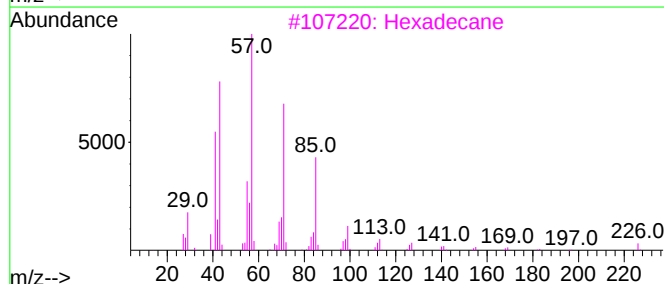
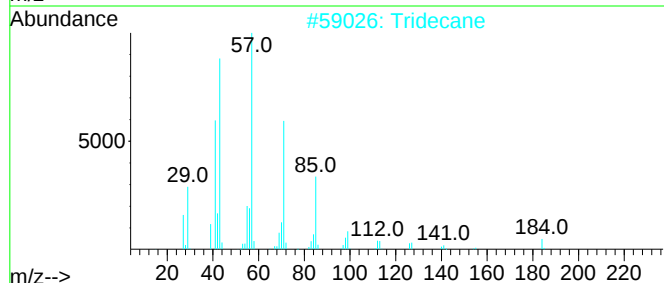
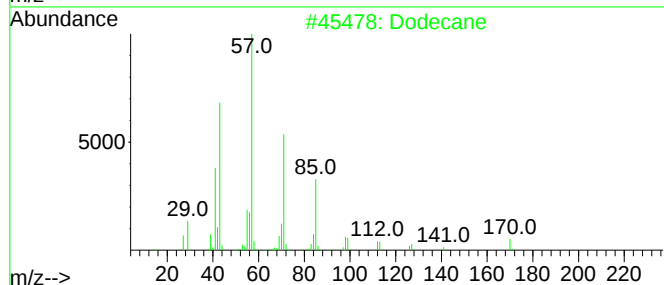
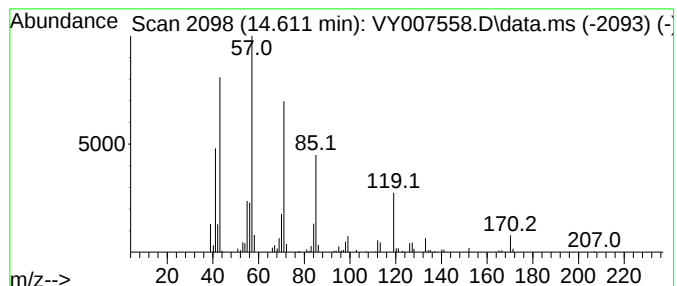
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	9.70 ug/l	64116	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Tridecane	184	C13H28	000629-50-5	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64



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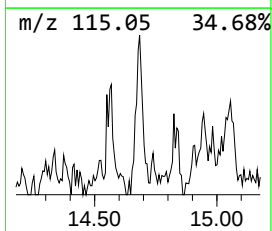
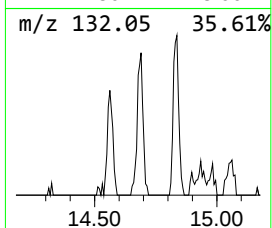
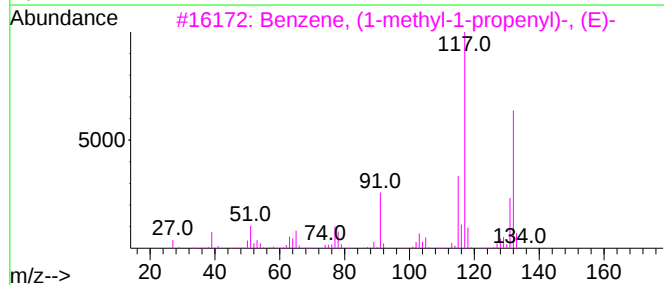
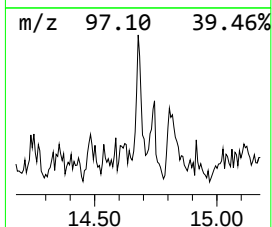
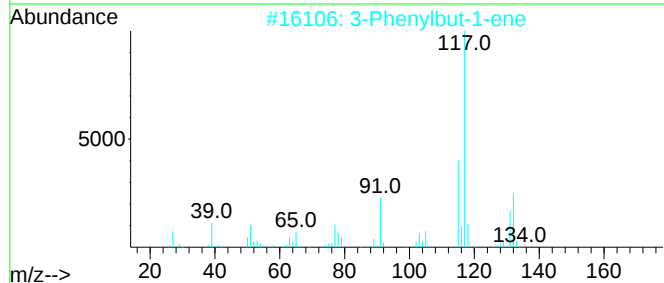
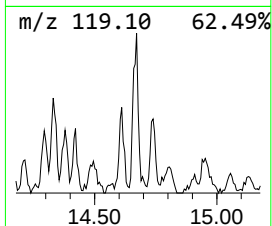
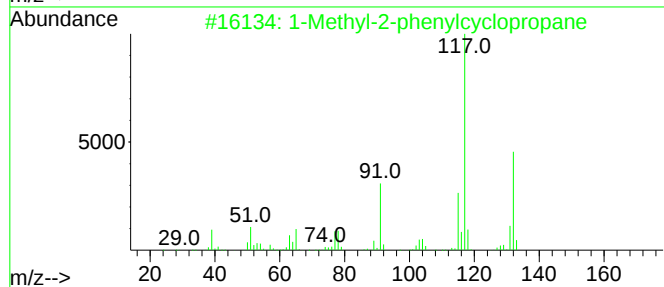
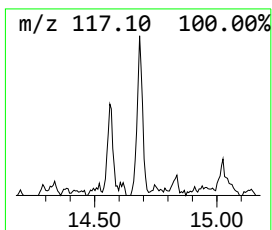
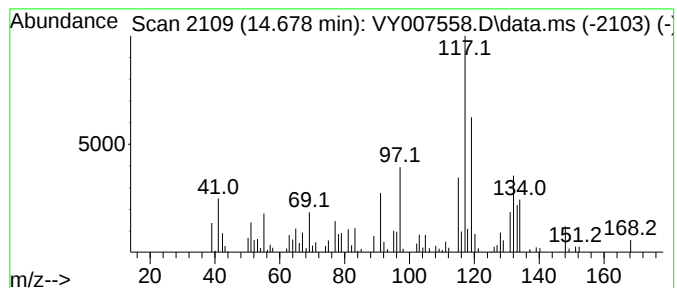
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Methyl-2-phenylcyclopropane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	7.41 ug/l	48985	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46
5			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	46



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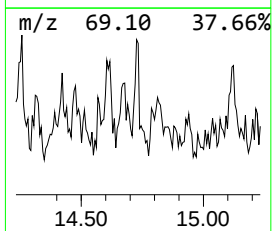
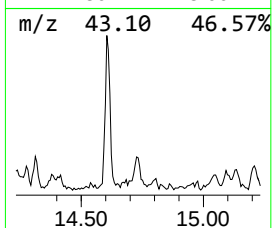
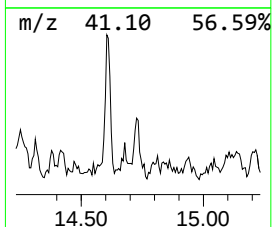
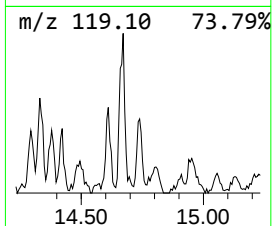
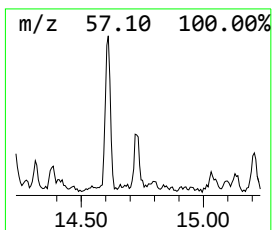
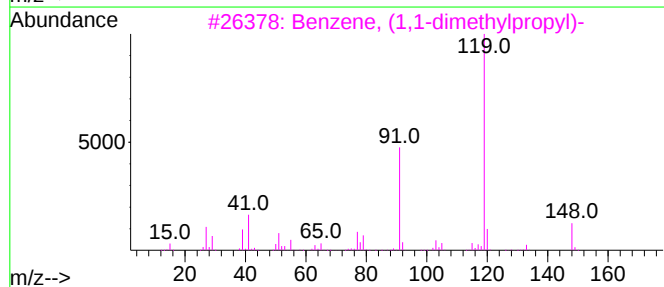
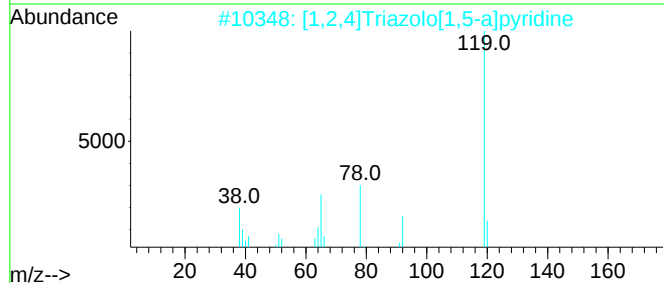
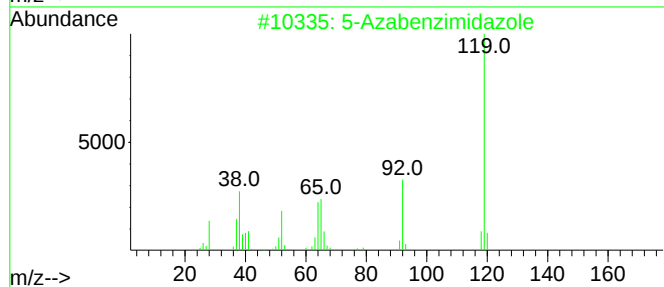
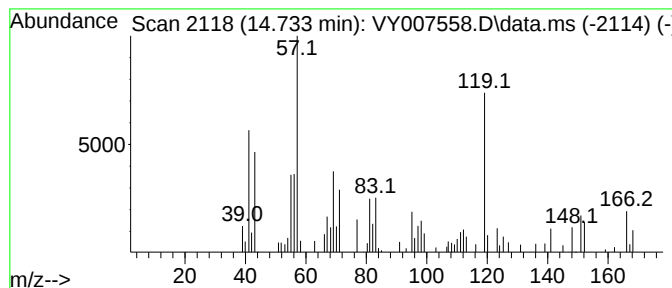
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Peak Number 6 unknown14.733 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	5.16 ug/l	34103	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Azabenzimidazole	119	C6H5N3	000272-97-9	27
2			[1,2,4]Triazolo[1,5-a]pyridine	119	C6H5N3	000274-85-1	27
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	25
4			4'-Methylpropiophenone	148	C10H12O	005337-93-9	25
5			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	25



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SOIL-COMP

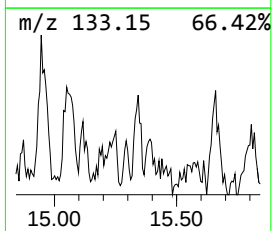
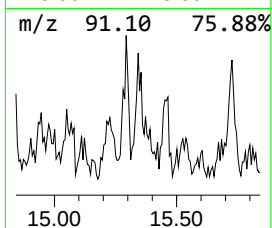
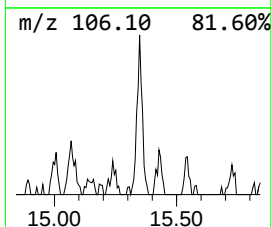
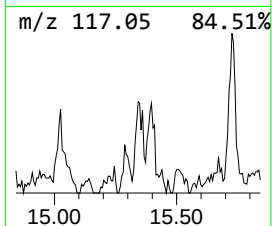
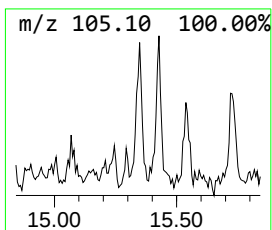
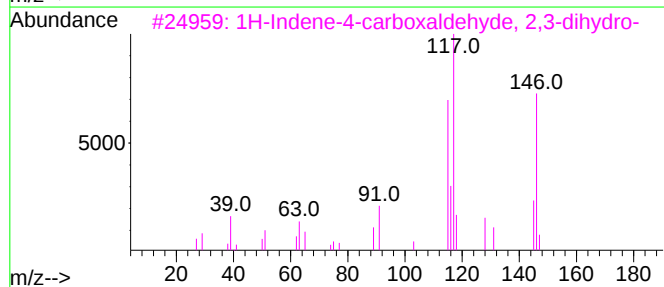
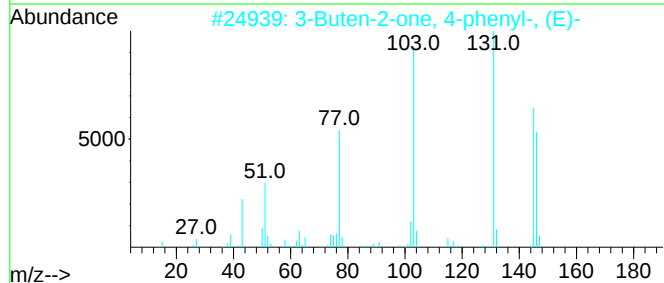
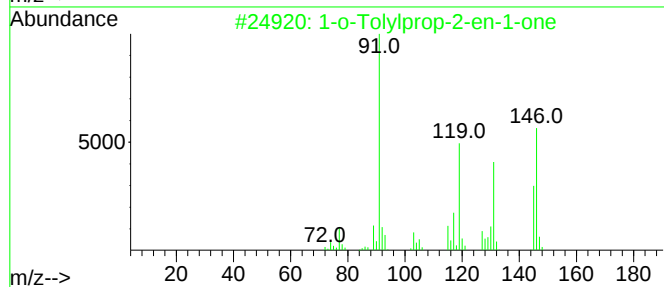
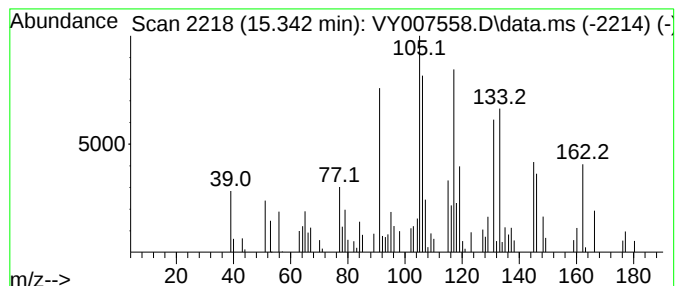
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.342 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	5.86 ug/l	38705	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-o-Tolylprop-2-en-1-one	146	C10H10O	039627-60-6	25
2			3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	15
3			1H-Indene-4-carboxaldehyde, 2,3-dihydro-	146	C10H10O	051932-70-8	11
4			p-Xylylenediamine	136	C8H12N2	000539-48-0	11
5			1,2,4-Metheno-1H-cyclobuta[b]cyclopenta[1,2-b]pyridine	160	C11H12N2	078323-74-7	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007558.D
Acq On : 18 Feb 2022 20:22
Operator : SY/MD
Sample : N1611-04
Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

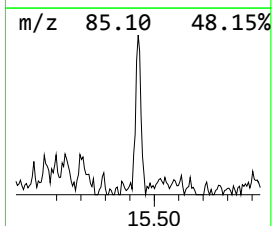
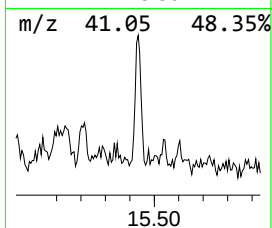
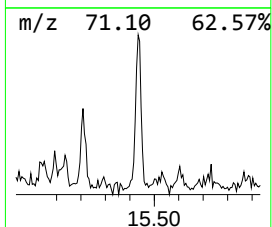
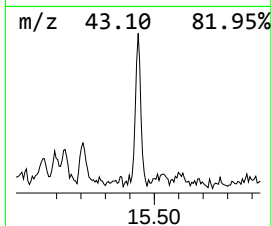
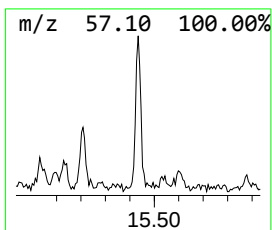
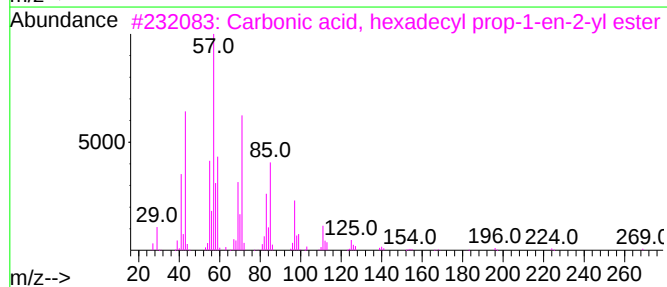
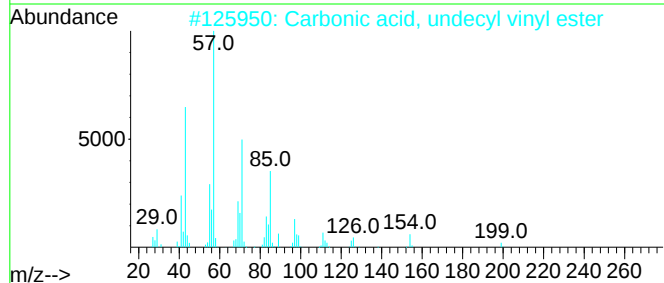
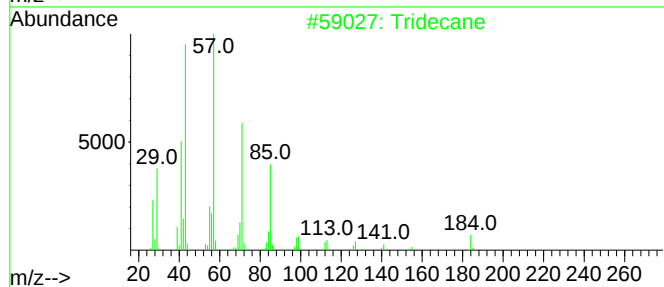
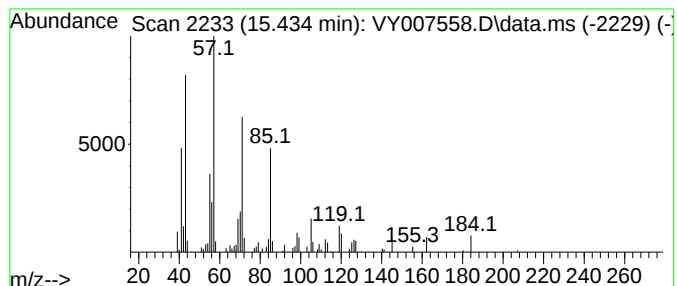
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Quant Title : SW846 8260

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

Peak Number 8 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	6.73 ug/l	44466	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	64
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	64
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5			Tetradecane	198	C14H30	000629-59-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007558.D
Acq On : 18 Feb 2022 20:22
Operator : SY/MD
Sample : N1611-04
Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

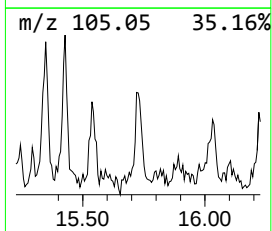
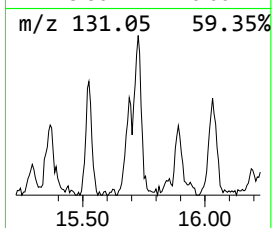
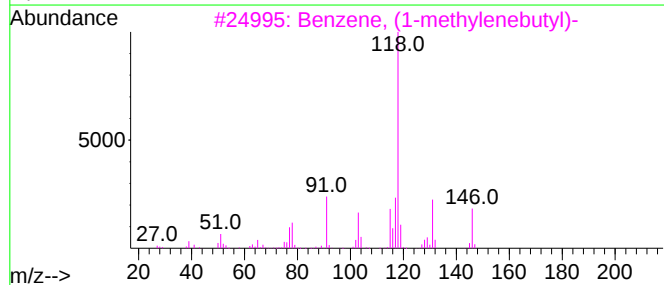
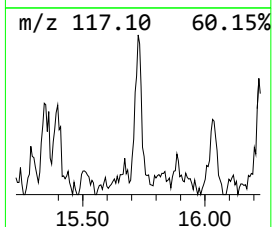
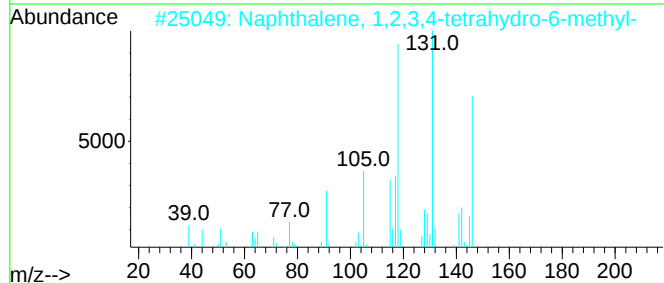
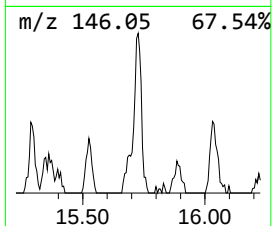
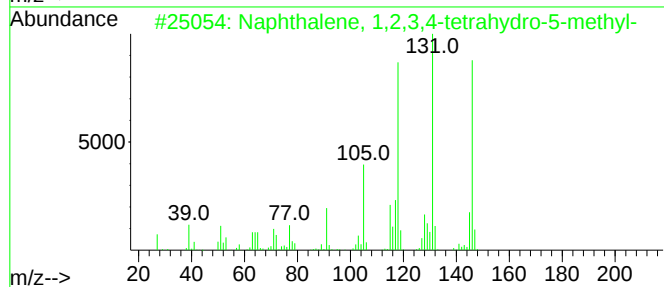
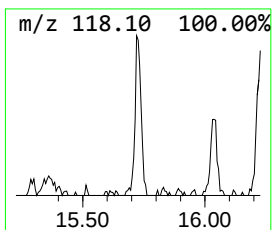
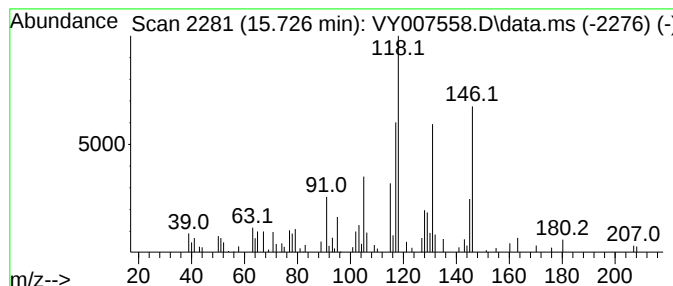
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.727	6.59 ug/l	43537	1,4-Dichlorobenzene-d4		13.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	002809-64-5	72
2	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001680-51-9	58
3	Benzene, (1-methylenebutyl)-		146	C11H14	005676-32-4	52
4	Benzene, 2-ethenyl-1,3,5-trimethyl-		146	C11H14	000769-25-5	50
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...		146	C11H14	1010189-31-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007558.D
Acq On : 18 Feb 2022 20:22
Operator : SY/MD
Sample : N1611-04
Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	13.751	9.6	ug/l	63609	4	13.428	330521	50.0
trans-Decalin, ...	14.257	7.1	ug/l	47157	4	13.428	330521	50.0
Dodecane	14.611	9.7	ug/l	64116	4	13.428	330521	50.0
1-Methyl-2-phen...	14.678	7.4	ug/l	48985	4	13.428	330521	50.0
unknown14.733	14.733	5.2	ug/l	34103	4	13.428	330521	50.0
unknown15.342	15.342	5.9	ug/l	38705	4	13.428	330521	50.0
Tridecane	15.434	6.7	ug/l	44466	4	13.428	330521	50.0
Naphthalene, 1,...	15.727	6.6	ug/l	43537	4	13.428	330521	50.0