

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078161.D
 Acq On : 15 Jan 2024 13:56
 Operator : RP/MD
 Sample : P1139-03
 Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-314-16-18

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_D\Method\82D010824S.M
 Title : SW846 8260

Signal : TIC: VD078161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	20	27	37	rVB	112304	207973	4.95%	1.224%
2	7.810	1049	1058	1063	rBV2	116884	272739	6.49%	1.605%
3	7.875	1063	1069	1081	rVB	170790	398163	9.48%	2.343%
4	8.234	1117	1130	1142	rBV	88323	202582	4.82%	1.192%
5	8.781	1213	1223	1234	rBV	306771	616408	14.67%	3.627%
6	10.269	1467	1476	1485	rBV	521898	943021	22.45%	5.548%
7	11.375	1656	1664	1676	rVB8	23095	65804	1.57%	0.387%
8	11.581	1691	1699	1709	rBV	461340	810384	19.29%	4.768%
9	11.798	1727	1736	1746	rBV7	108964	300655	7.16%	1.769%
10	12.104	1779	1788	1800	rBV8	45357	177615	4.23%	1.045%
11	12.345	1823	1829	1833	rVB2	40180	74644	1.78%	0.439%
12	12.428	1836	1843	1852	rBV	2639300	4201328	100.00%	24.719%
13	12.575	1863	1868	1873	rBV	364288	558872	13.30%	3.288%
14	12.675	1881	1885	1892	rVB5	66593	114112	2.72%	0.671%
15	12.740	1892	1896	1904	rVB6	36025	75925	1.81%	0.447%
16	12.828	1904	1911	1914	rBV4	48208	88318	2.10%	0.520%
17	12.898	1915	1923	1929	rVV3	238431	420423	10.01%	2.474%
18	12.987	1929	1938	1944	rVB3	86170	166174	3.96%	0.978%
19	13.134	1959	1963	1971	rVB6	38558	71298	1.70%	0.419%
20	13.216	1971	1977	1981	rBV	97476	158326	3.77%	0.932%
21	13.463	2002	2019	2024	rBV	734168	1327490	31.60%	7.811%
22	13.522	2024	2029	2038	rVB	484681	858883	20.44%	5.053%
23	13.757	2065	2069	2078	rVB3	49283	97040	2.31%	0.571%
24	13.845	2078	2084	2089	rBV	197408	313233	7.46%	1.843%
25	13.975	2099	2106	2108	rBV5	26035	45275	1.08%	0.266%
26	14.010	2108	2112	2117	rVV3	37398	65840	1.57%	0.387%
27	14.063	2117	2121	2126	rVB	52716	75602	1.80%	0.445%
28	14.169	2133	2139	2144	rBV2	62599	98456	2.34%	0.579%
29	14.234	2144	2150	2156	rBV9	25866	69049	1.64%	0.406%
30	14.310	2156	2163	2165	rBV5	29492	64070	1.52%	0.377%
31	14.351	2166	2170	2174	rBV5	42064	76194	1.81%	0.448%
32	14.428	2180	2183	2187	rVB	49958	67425	1.60%	0.397%
33	14.469	2187	2190	2194	rBV4	51814	73474	1.75%	0.432%
34	14.516	2194	2198	2205	rVB4	51078	84547	2.01%	0.497%
35	14.698	2218	2229	2235	rBV	258735	398595	9.49%	2.345%
36	14.763	2235	2240	2246	rBV2	86106	193825	4.61%	1.140%

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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

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

Peak separation: 5

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37	14.822	2246	2250	2256	rVB4	76113	137869	3.28%	0.811%
38	15.039	2283	2287	2290	rBV5	44836	68808	1.64%	0.405%
39	15.139	2299	2304	2310	rBV6	49375	104373	2.48%	0.614%
40	15.228	2315	2319	2326	rVB4	72682	153022	3.64%	0.900%
41	15.304	2326	2332	2342	rBV4	115014	318400	7.58%	1.873%
42	15.439	2350	2355	2359	rBV4	41883	79113	1.88%	0.465%
43	15.528	2366	2370	2378	rVB	263900	420376	10.01%	2.473%
44	15.622	2380	2386	2394	rBV8	36637	107620	2.56%	0.633%
45	15.704	2396	2400	2405	rVB6	27925	49467	1.18%	0.291%
46	15.786	2405	2414	2418	rBV7	32238	84953	2.02%	0.500%
47	15.833	2418	2422	2426	rVB6	29633	47332	1.13%	0.278%
48	15.922	2429	2437	2442	rVB10	36737	81600	1.94%	0.480%
49	15.981	2442	2447	2450	rBV5	29478	59118	1.41%	0.348%
50	16.133	2465	2473	2480	rBV6	60038	174074	4.14%	1.024%
51	16.257	2491	2494	2500	rVB3	34582	59772	1.42%	0.352%
52	16.328	2501	2506	2511	rVV8	20450	42649	1.02%	0.251%
53	16.404	2512	2519	2525	rVV	226337	536575	12.77%	3.157%
54	16.463	2527	2529	2536	rVB2	131504	205370	4.89%	1.208%
55	16.604	2545	2553	2566	rVB	165984	431782	10.28%	2.540%

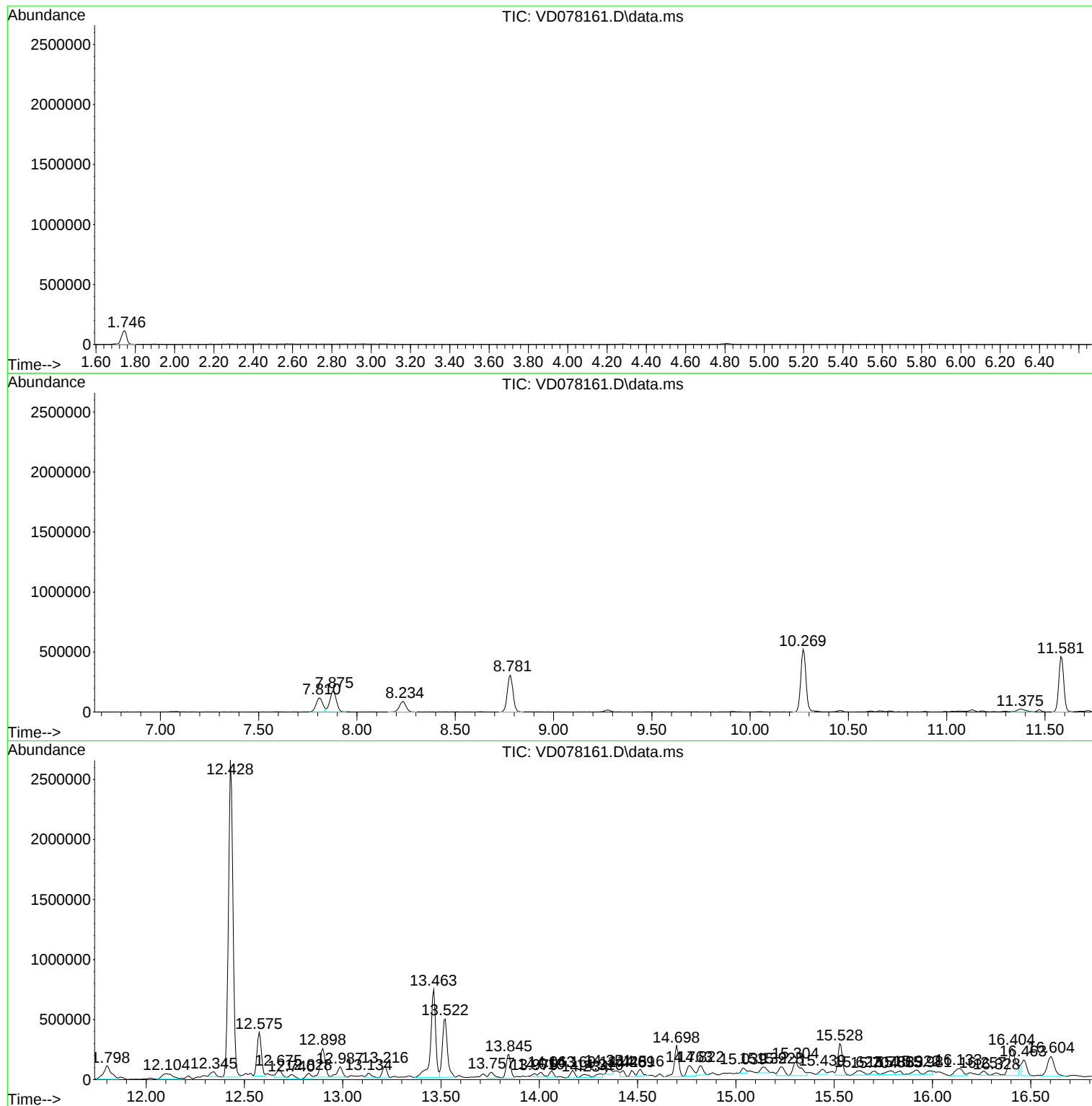
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260

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



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MR-314-16-18

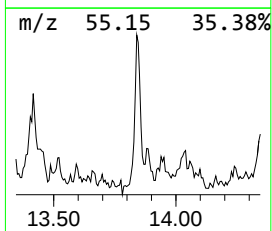
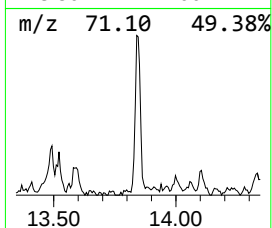
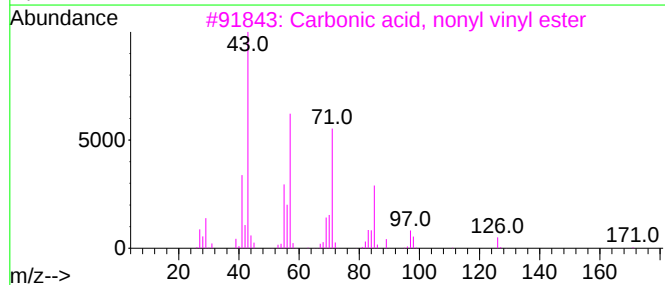
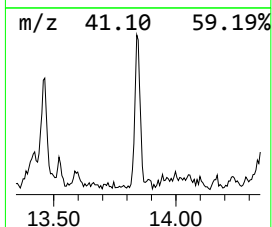
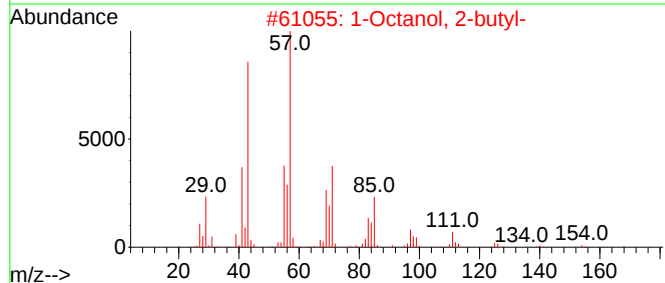
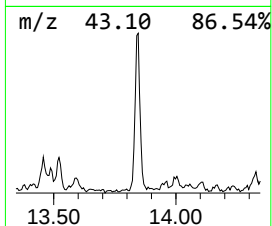
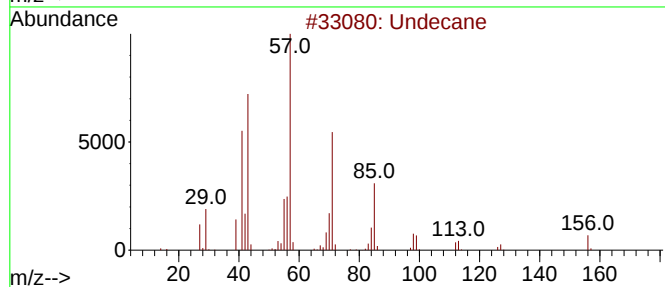
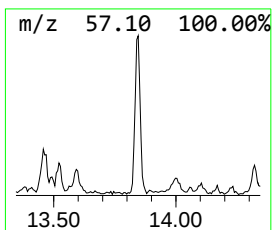
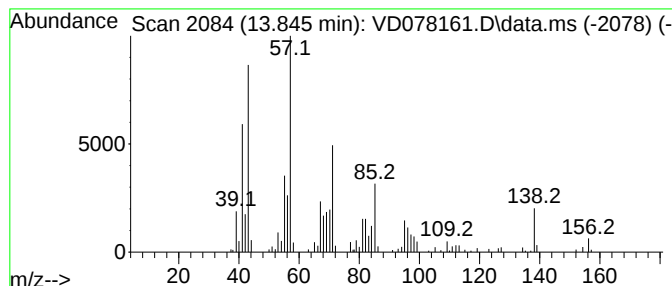
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	18.23 ug/l	313233	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	91
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
3			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	43
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
5			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	43



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MR-314-16-18

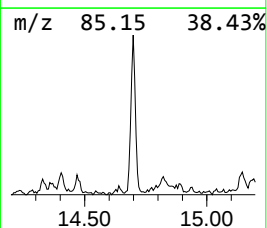
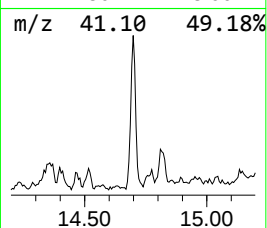
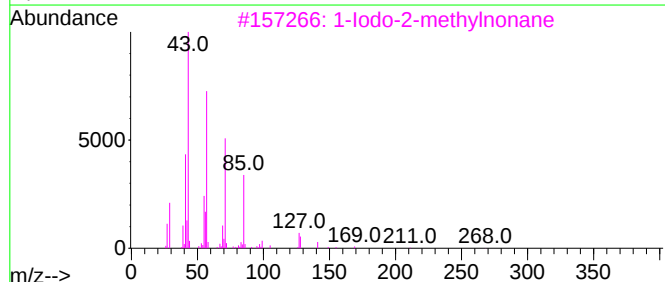
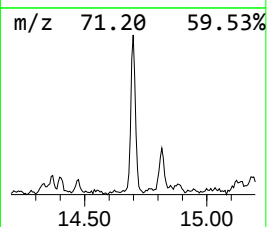
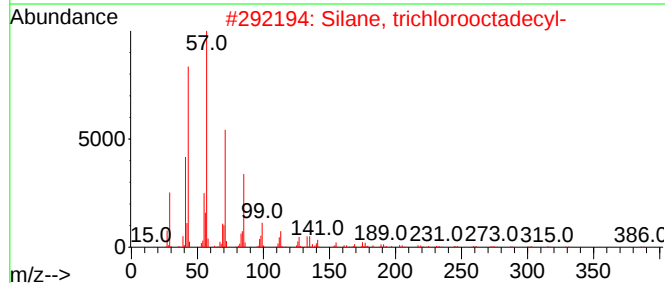
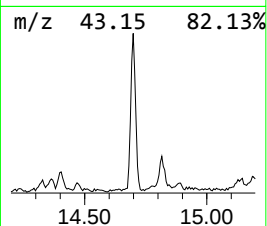
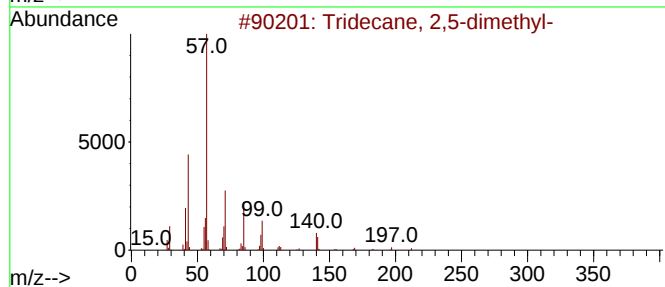
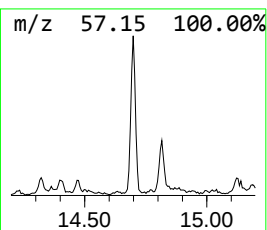
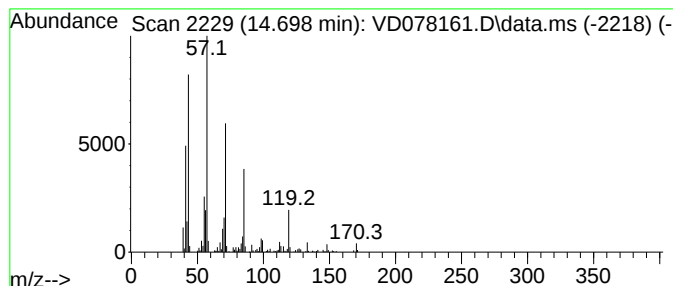
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260

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

Peak Number 3 Tridecane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	23.20 ug/l	398595	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	59
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	59
3			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	58
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	58
5			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
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Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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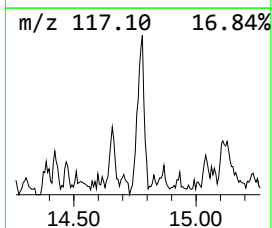
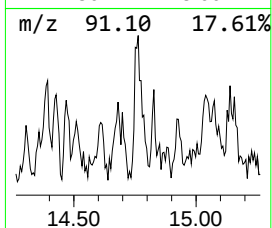
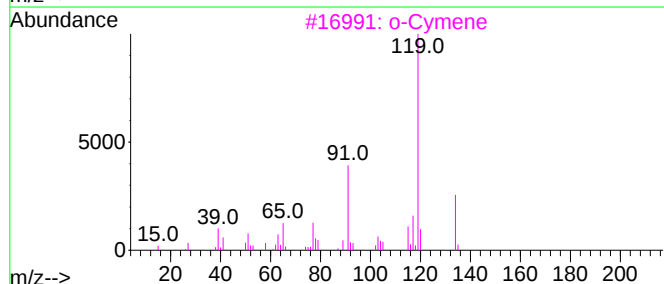
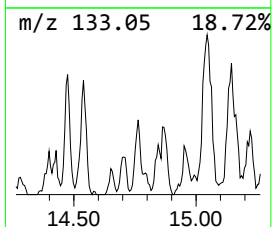
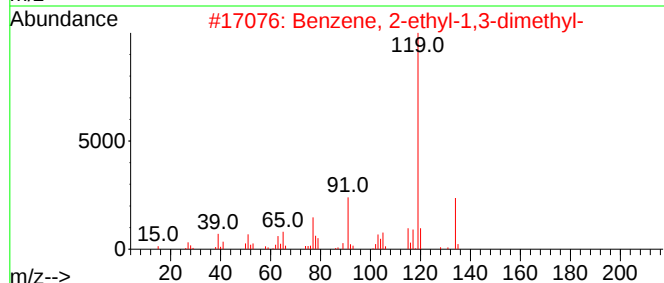
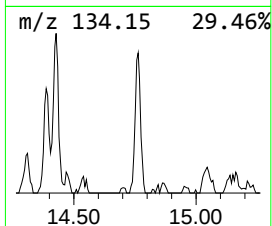
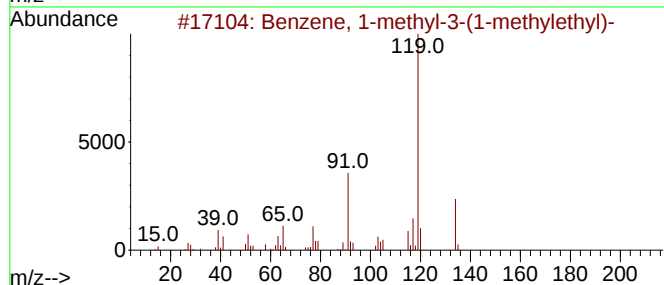
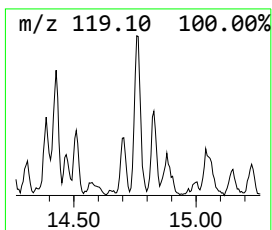
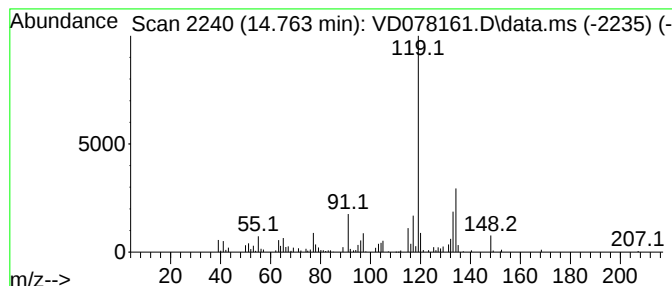
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	11.28 ug/l	193825	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
3			o-Cymene	134	C10H14	000527-84-4	81
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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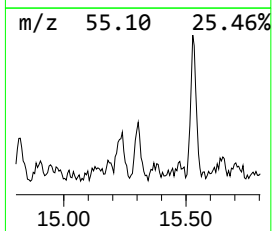
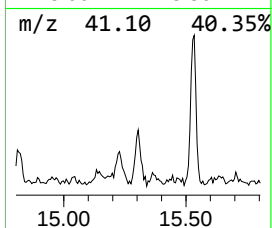
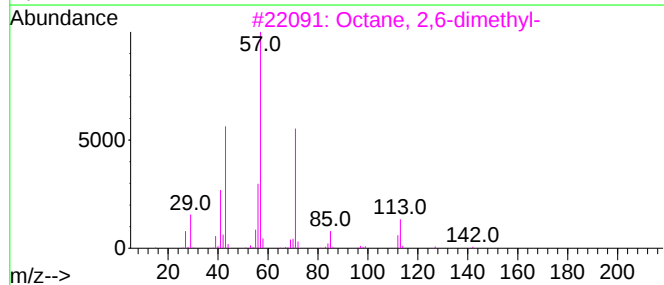
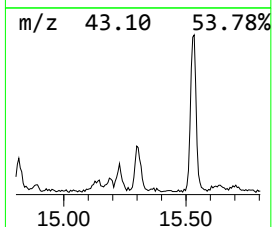
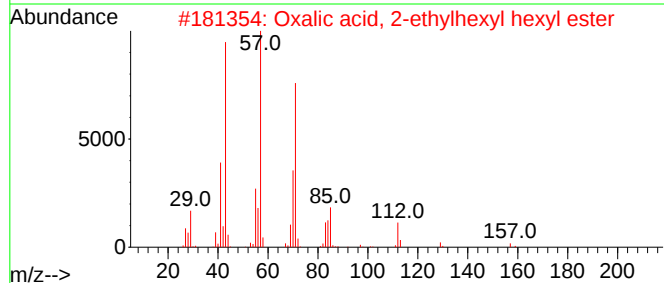
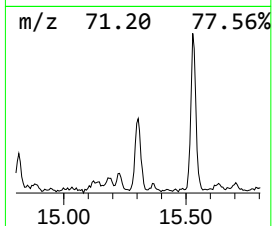
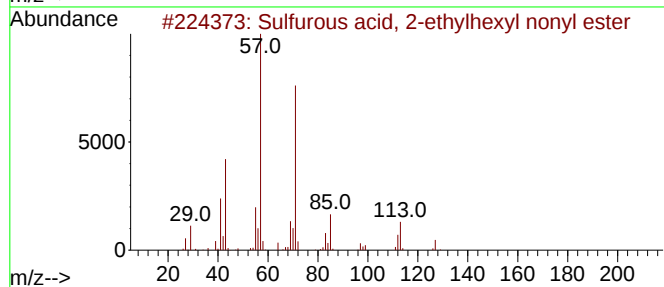
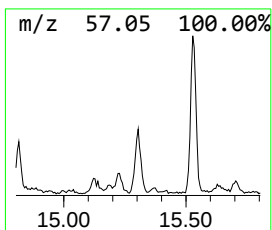
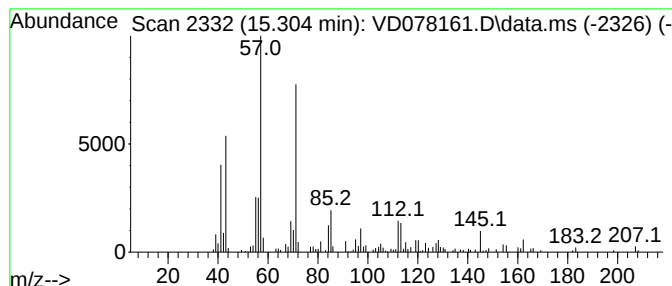
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260

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

Peak Number 5 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	18.54 ug/l	318400	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	68
2			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53



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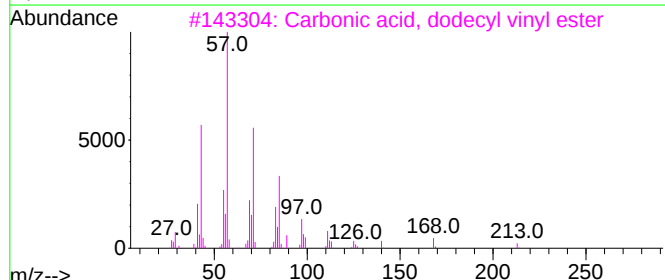
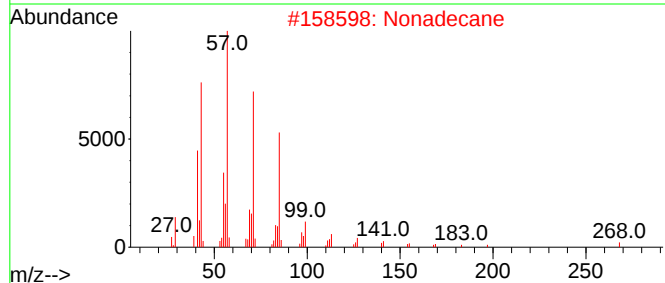
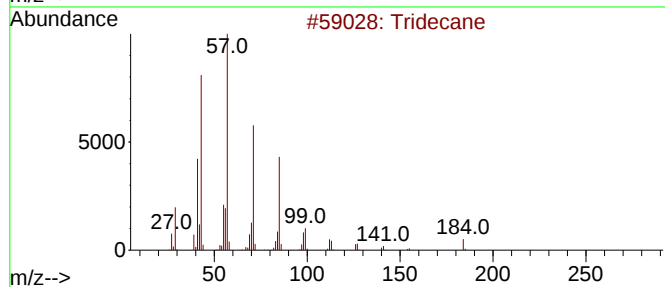
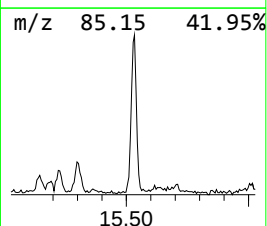
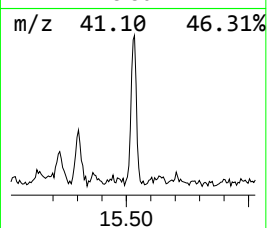
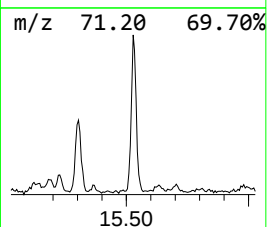
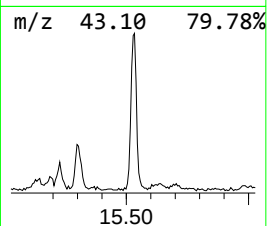
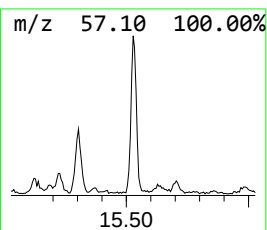
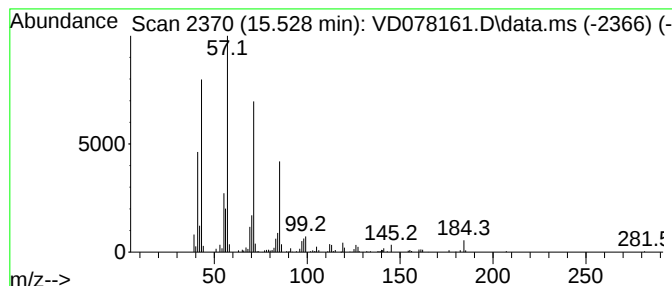
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Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.528	24.47 ug/l	420376	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Nonadecane	268	C19H40	000629-92-5	80
3			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	78
4			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
Data File : VD078161.D
Acq On : 15 Jan 2024 13:56
Operator : RP/MD
Sample : P1139-03
Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

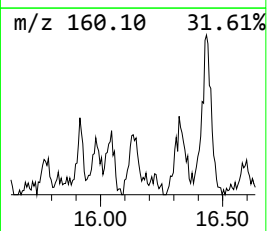
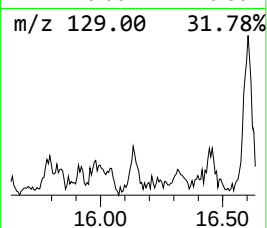
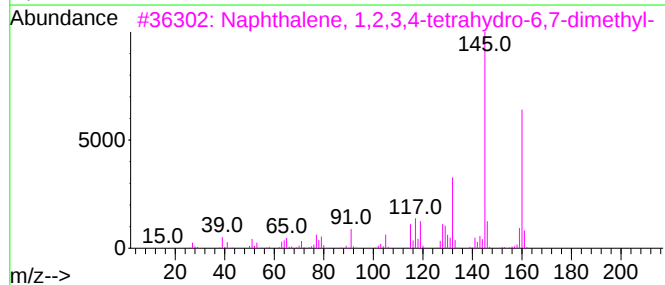
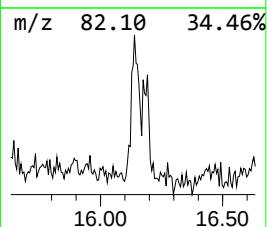
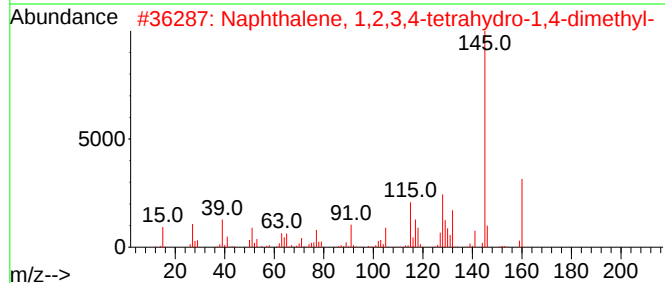
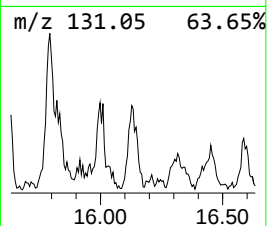
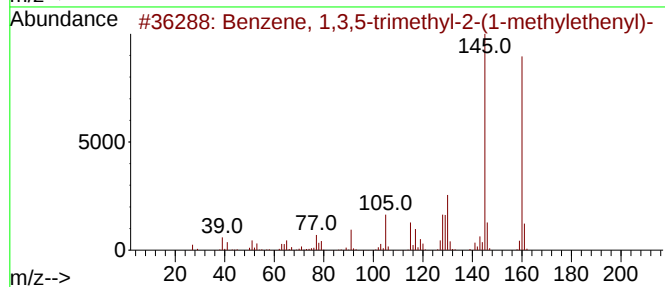
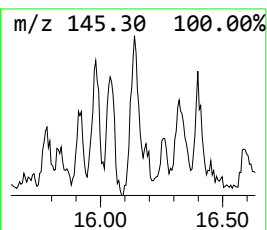
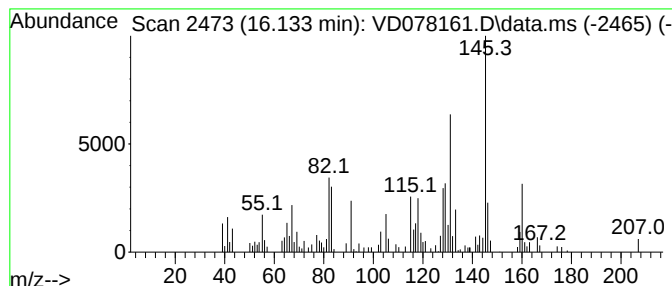
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ClientSampleId :
MR-314-16-18

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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.134	10.13 ug/l	174074	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
Data File : VD078161.D
Acq On : 15 Jan 2024 13:56
Operator : RP/MD
Sample : P1139-03
Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MR-314-16-18

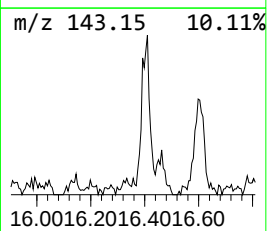
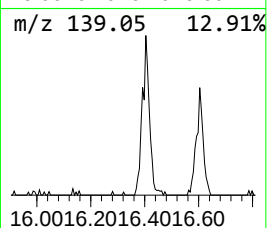
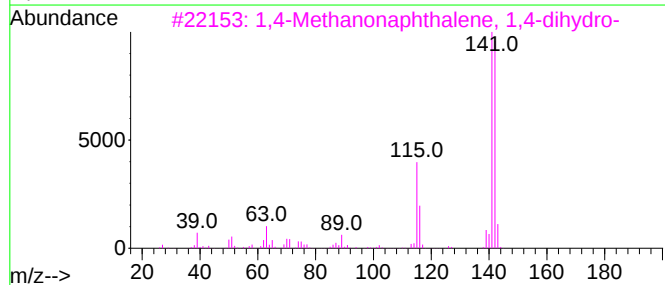
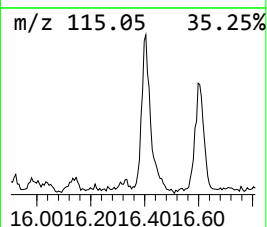
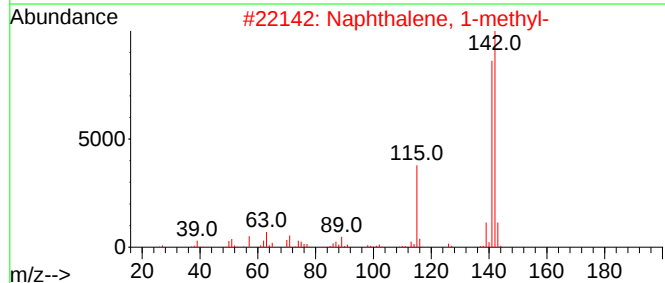
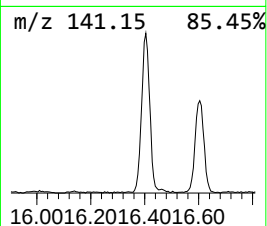
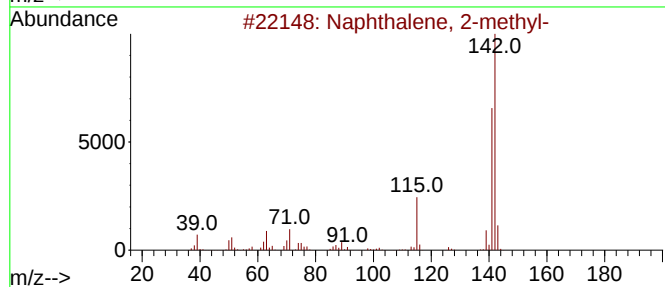
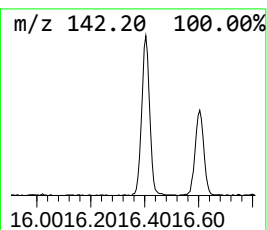
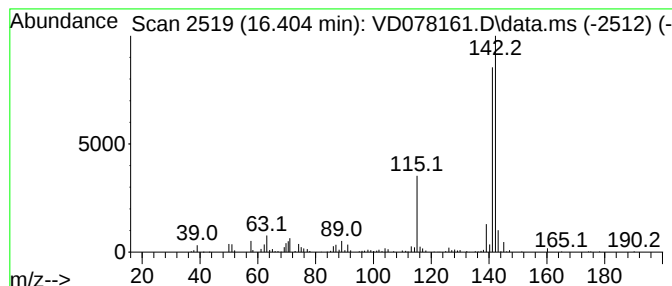
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Quant Title : SW846 8260

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

Peak Number 8 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	31.24 ug/l	536575	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5			Benzocycloheptatriene	142	C11H10	000264-09-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
Data File : VD078161.D
Acq On : 15 Jan 2024 13:56
Operator : RP/MD
Sample : P1139-03
Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MR-314-16-18

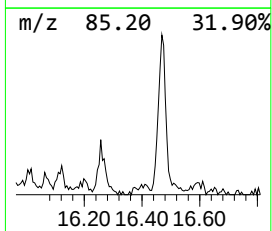
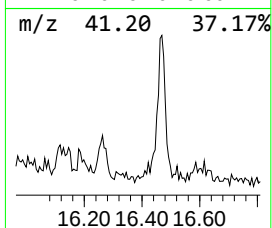
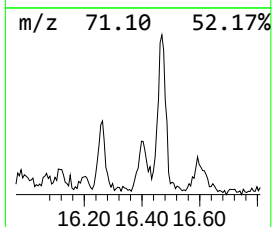
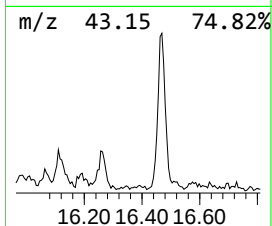
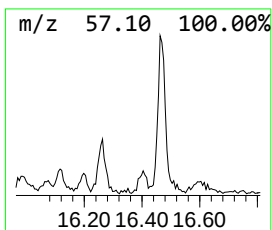
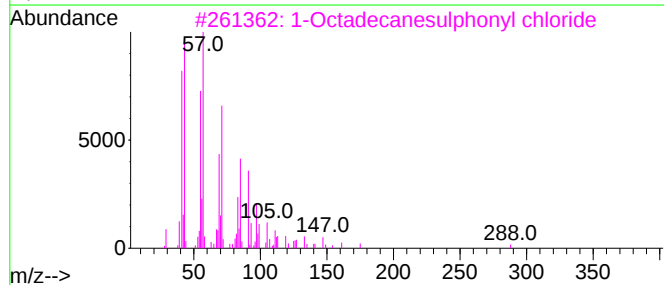
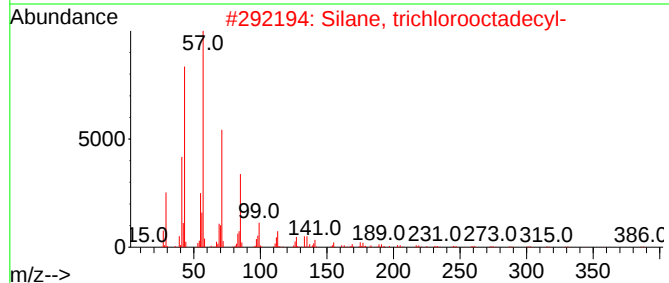
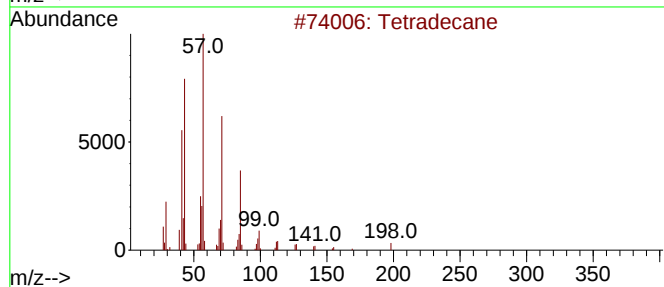
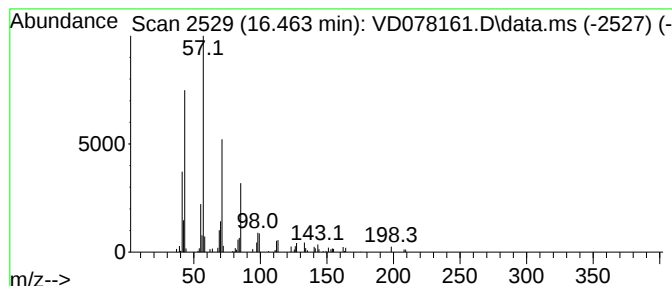
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.463	11.96 ug/l	205370	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
4			Hexadecane	226	C16H34	000544-76-3	83
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
Data File : VD078161.D
Acq On : 15 Jan 2024 13:56
Operator : RP/MD
Sample : P1139-03
Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MR-314-16-18

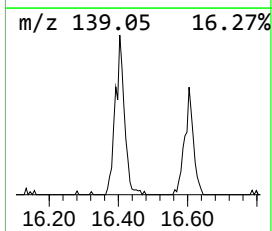
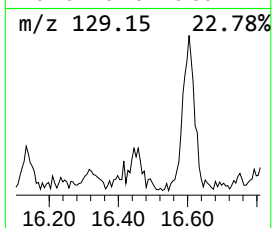
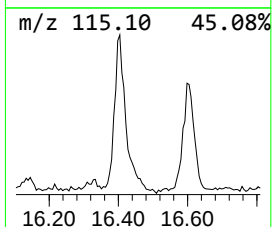
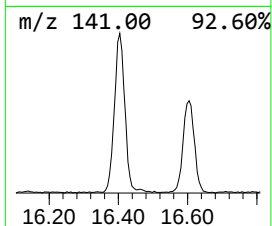
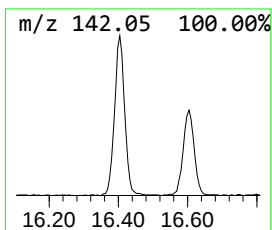
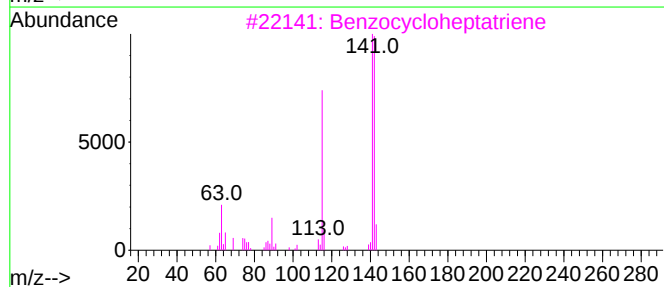
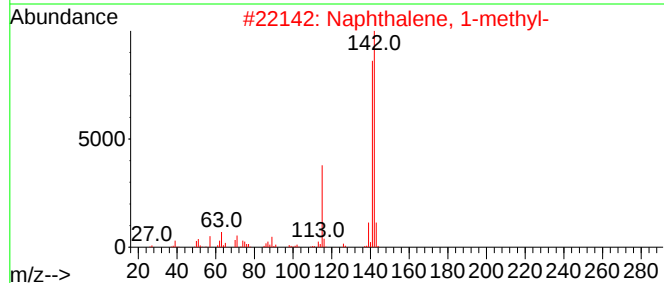
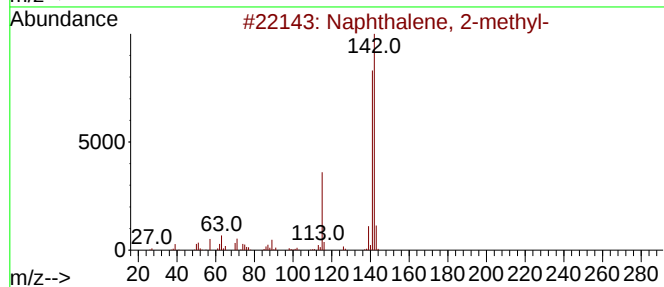
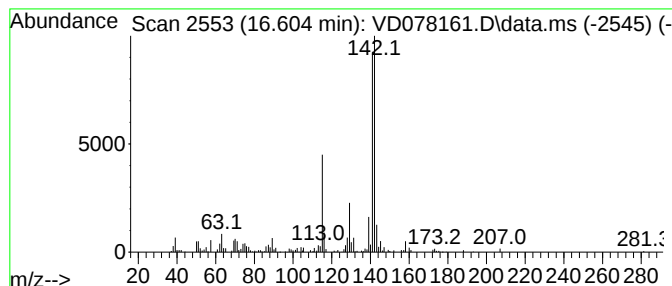
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Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.604	25.14 ug/l	431782	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
Data File : VD078161.D
Acq On : 15 Jan 2024 13:56
Operator : RP/MD
Sample : P1139-03
Misc : 4.96G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MR-314-16-18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.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	13.845	18.2	ug/l	313233	4	13.516	858883	50.0
Tridecane, 2,5-...	14.698	23.2	ug/l	398595	4	13.516	858883	50.0
Benzene, 1-meth...	14.763	11.3	ug/l	193825	4	13.516	858883	50.0
Sulfurous acid,...	15.304	18.5	ug/l	318400	4	13.516	858883	50.0
Tridecane	15.528	24.5	ug/l	420376	4	13.516	858883	50.0
Benzene, 1,3,5-...	16.134	10.1	ug/l	174074	4	13.516	858883	50.0
1,4-Methanonaph...	16.404	31.2	ug/l	536575	4	13.516	858883	50.0
Tetradecane	16.463	12.0	ug/l	205370	4	13.516	858883	50.0
Benzocyclohepta...	16.604	25.1	ug/l	431782	4	13.516	858883	50.0