

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074317.D
 Acq On : 15 Sep 2022 19:22
 Operator : VA/SY
 Sample : N4610-01
 Misc : 6.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-BOTTOM

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\82D090922S.M
 Title : SW846 8260

Signal : TIC: VD074317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.728	17	24	35	rBV	62438	110290	15.84%	2.070%
2	4.793	536	545	555	rBV4	5789	16321	2.34%	0.306%
3	7.063	925	931	939	rBV2	3173	9068	1.30%	0.170%
4	7.810	1049	1058	1063	rBV3	17705	42816	6.15%	0.803%
5	7.875	1063	1069	1078	rVB2	23646	50328	7.23%	0.944%
6	8.228	1122	1129	1138	rBV2	21840	49073	7.05%	0.921%
7	8.775	1215	1222	1231	rVB	39443	76687	11.01%	1.439%
8	10.263	1467	1475	1483	rBV	54221	96315	13.83%	1.807%
9	11.575	1691	1698	1710	rBV	52815	92364	13.27%	1.733%
10	12.563	1861	1866	1873	rBV	36473	63089	9.06%	1.184%
11	12.886	1915	1921	1927	rBV5	6833	9944	1.43%	0.187%
12	13.398	1999	2008	2012	rBV6	6868	13466	1.93%	0.253%
13	13.445	2012	2016	2019	rVV3	9885	13771	1.98%	0.258%
14	13.510	2019	2027	2032	rVV	61873	103444	14.86%	1.941%
15	13.581	2035	2039	2044	rVB2	13616	18300	2.63%	0.343%
16	13.833	2076	2082	2087	rBV	52284	78926	11.34%	1.481%
17	13.992	2104	2109	2114	rBV3	14010	27589	3.96%	0.518%
18	14.045	2115	2118	2123	rVV7	10730	15610	2.24%	0.293%
19	14.092	2123	2126	2132	rVB5	15912	25230	3.62%	0.473%
20	14.151	2132	2136	2142	rVB4	16759	25339	3.64%	0.475%
21	14.222	2142	2148	2153	rBV6	20459	34450	4.95%	0.646%
22	14.275	2153	2157	2160	rBV5	11319	17192	2.47%	0.323%
23	14.316	2160	2164	2167	rVV2	38282	69341	9.96%	1.301%
24	14.351	2168	2170	2174	rVV2	39934	51960	7.46%	0.975%
25	14.392	2174	2177	2182	rVV3	38044	45712	6.57%	0.858%
26	14.457	2184	2188	2192	rBV	44405	61791	8.87%	1.159%
27	14.498	2192	2195	2199	rVB6	14557	20740	2.98%	0.389%
28	14.686	2221	2227	2234	rBV	191521	294833	42.34%	5.532%
29	14.757	2235	2239	2243	rVV5	30394	58568	8.41%	1.099%
30	14.804	2243	2247	2255	rVV2	95369	197049	28.30%	3.698%
31	14.880	2255	2260	2264	rVV5	34171	71777	10.31%	1.347%
32	14.939	2264	2270	2275	rVV9	14713	37802	5.43%	0.709%
33	15.022	2281	2284	2292	rVB6	26839	38746	5.56%	0.727%
34	15.092	2292	2296	2297	rBV4	19186	25523	3.67%	0.479%
35	15.116	2297	2300	2306	rVV4	59878	145406	20.88%	2.728%
36	15.175	2307	2310	2313	rVV2	61466	96456	13.85%	1.810%

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37	15.216	2313	2317	2324	rVB3	93176	169367	24.32%	3.178%
38	15.292	2324	2330	2338	rBV	157795	291179	41.82%	5.464%
39	15.428	2348	2353	2357	rBV8	22726	54436	7.82%	1.021%
40	15.516	2363	2368	2377	rVB	419435	670703	96.32%	12.585%
41	15.628	2378	2387	2391	rBV6	66109	171058	24.57%	3.210%
42	15.969	2440	2445	2449	rBV5	79822	155442	22.32%	2.917%
43	16.057	2456	2460	2463	rVB3	40754	61657	8.86%	1.157%
44	16.104	2463	2468	2475	rBV4	80801	172955	24.84%	3.245%
45	16.180	2476	2481	2487	rVB5	88368	175452	25.20%	3.292%
46	16.245	2487	2492	2499	rVB2	136087	228945	32.88%	4.296%
47	16.322	2500	2505	2511	rBV6	83521	163704	23.51%	3.072%
48	16.451	2521	2527	2534	rBV	381573	696292	100.00%	13.066%
49	16.569	2542	2547	2552	rBV6	49973	112729	16.19%	2.115%

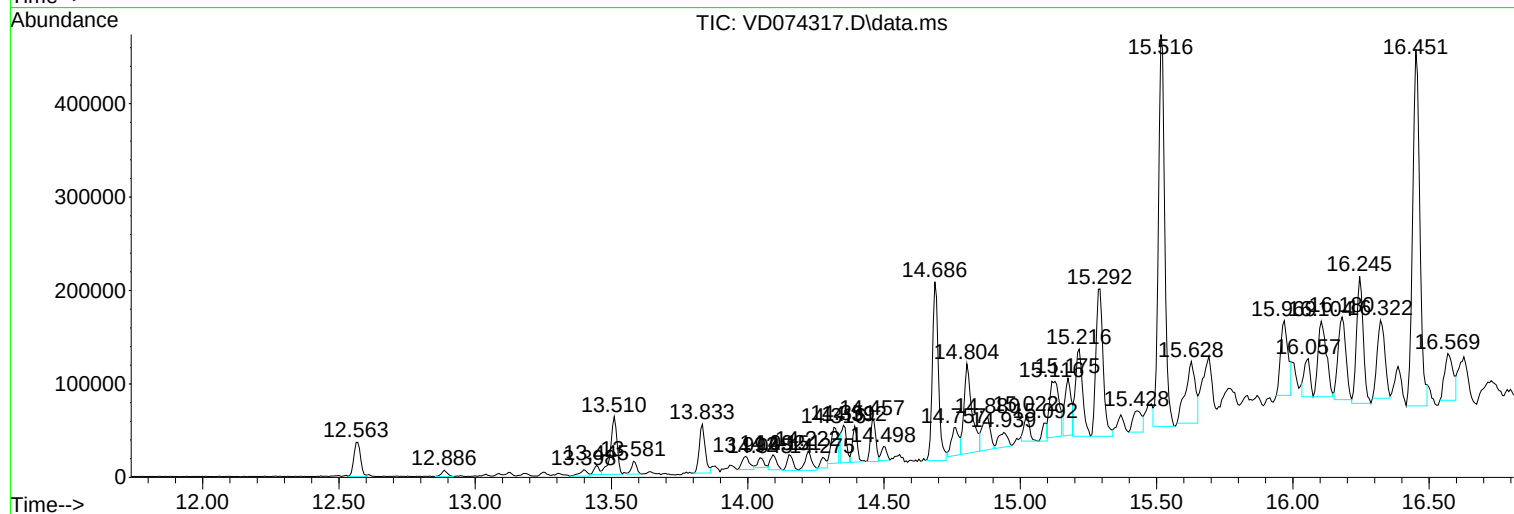
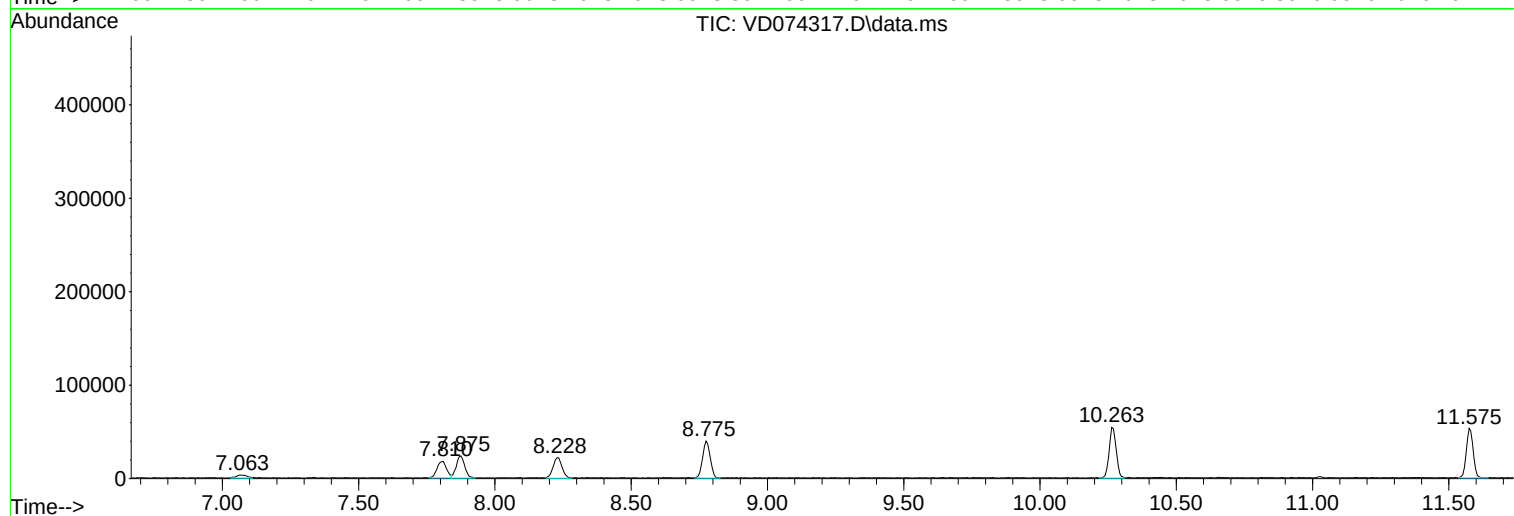
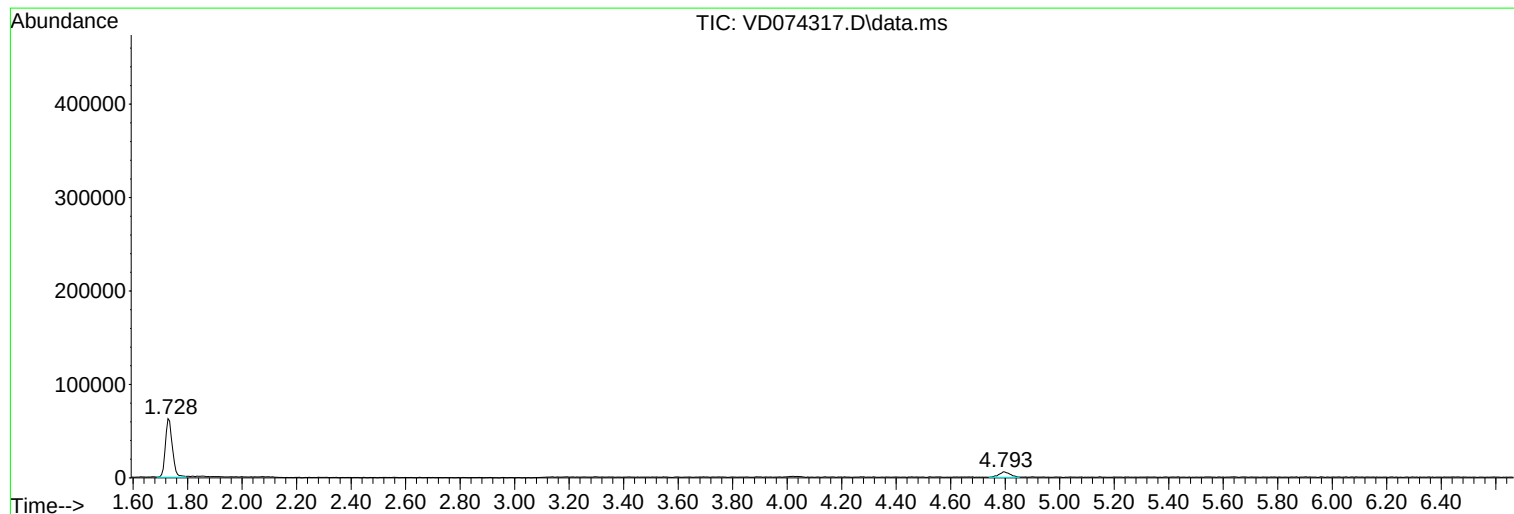
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260

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



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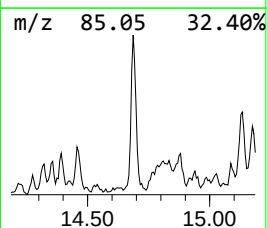
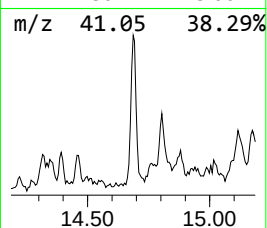
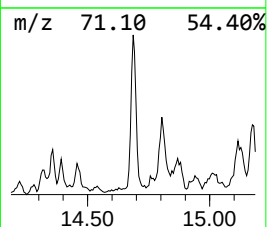
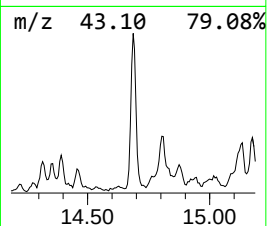
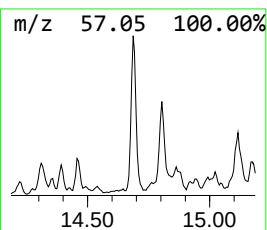
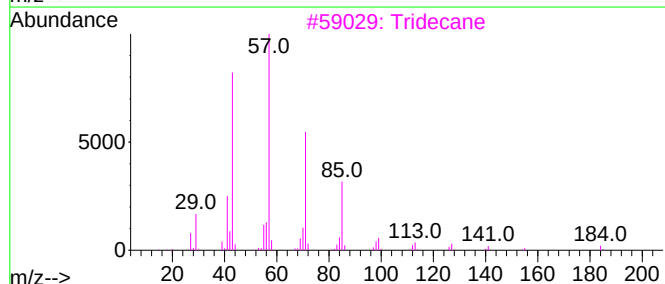
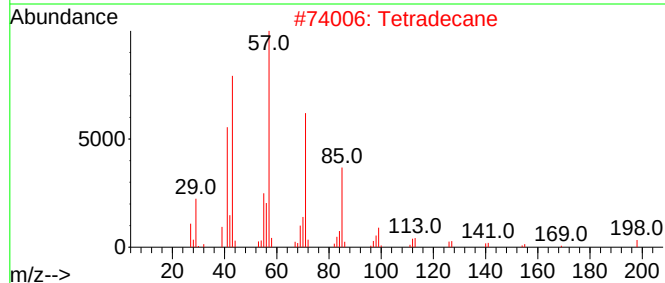
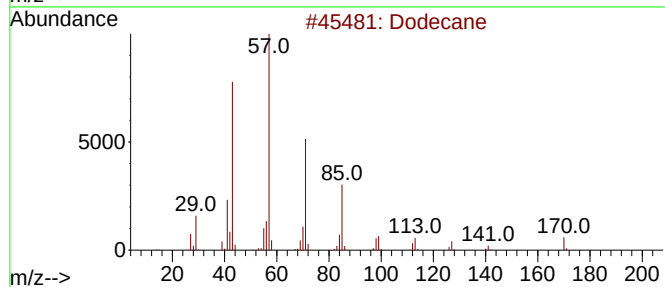
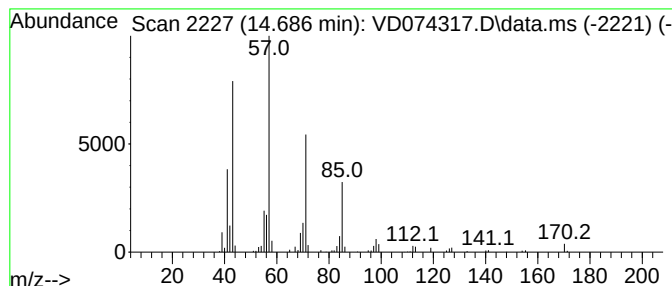
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.686	142.51 ug/l	294833	1,4-Dichlorobenzene-d4	13.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Tridecane	184	C13H28	000629-50-5	78
4		Hexadecane	226	C16H34	000544-76-3	78
5		Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	64



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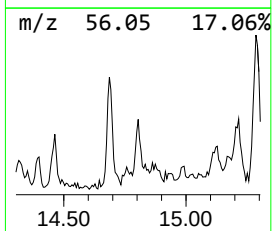
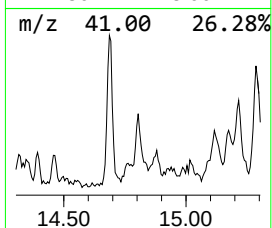
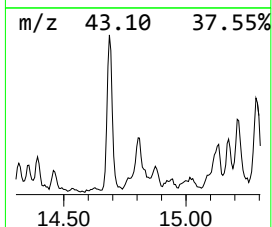
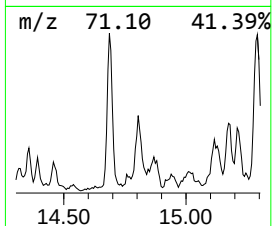
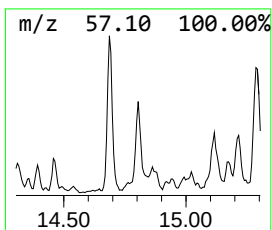
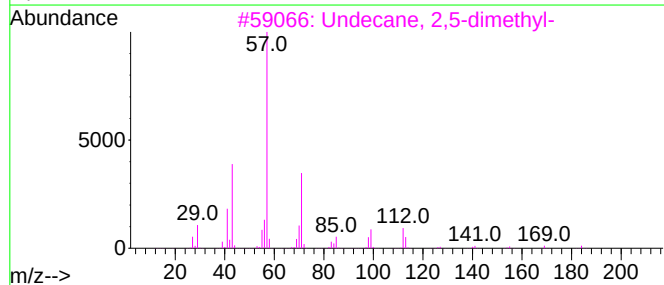
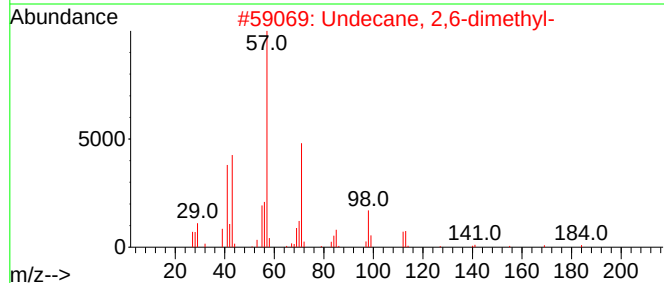
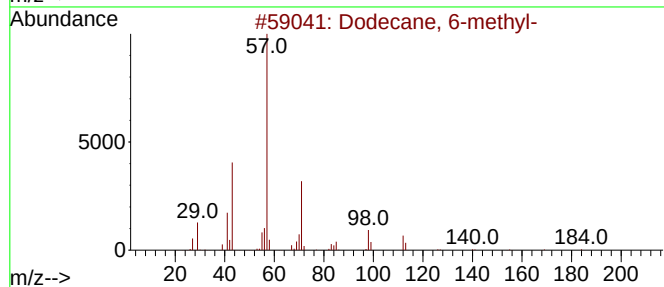
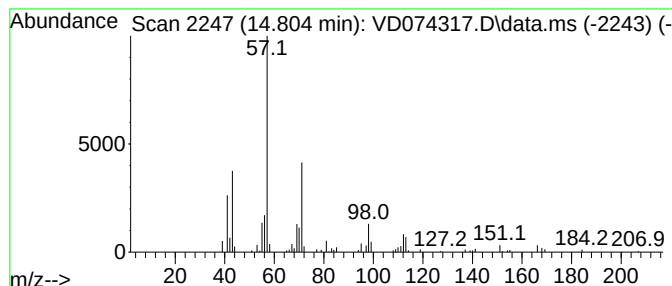
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260

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

Peak Number 3 Dodecane, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	95.24 ug/l	197049	1,4-Dichlorobenzene-d4	13.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59



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Instrument :
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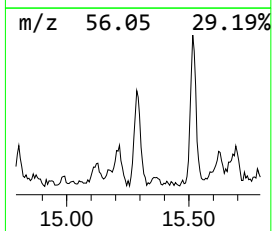
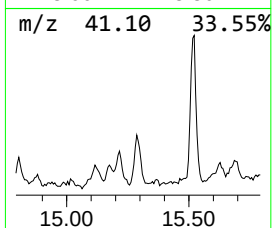
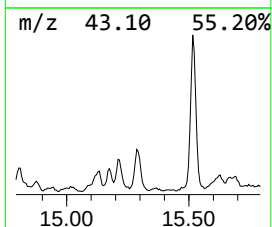
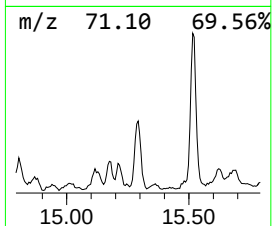
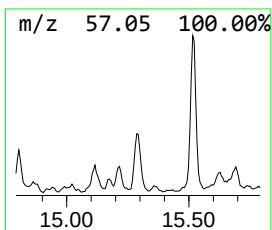
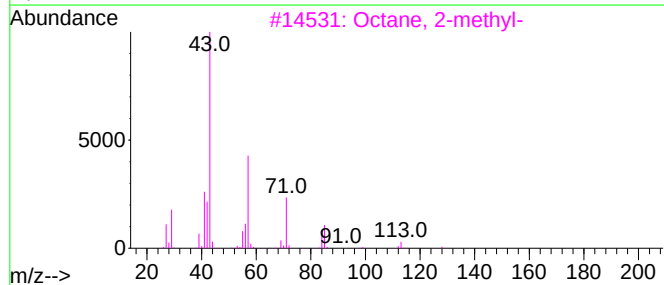
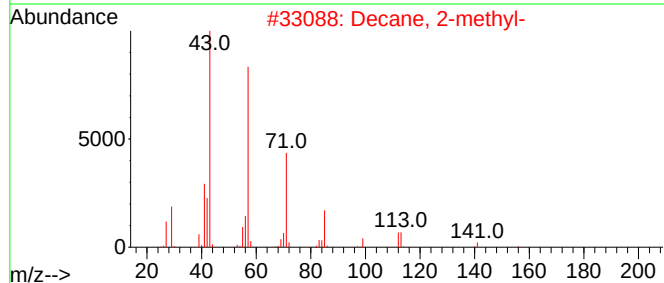
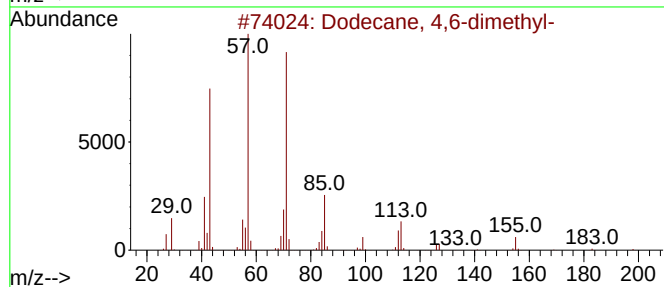
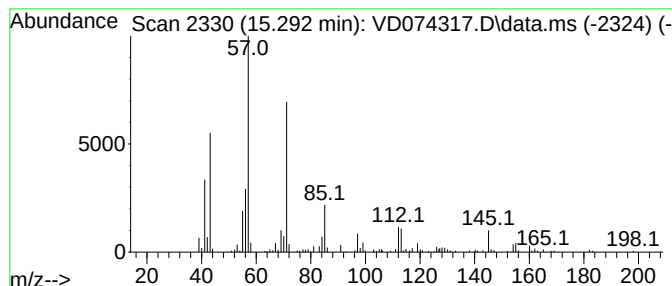
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	140.74 ug/l	291179	1,4-Dichlorobenzene-d4	13.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	93
2			Decane, 2-methyl-	156	C11H24	006975-98-0	68
3			Octane, 2-methyl-	128	C9H20	003221-61-2	64
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50



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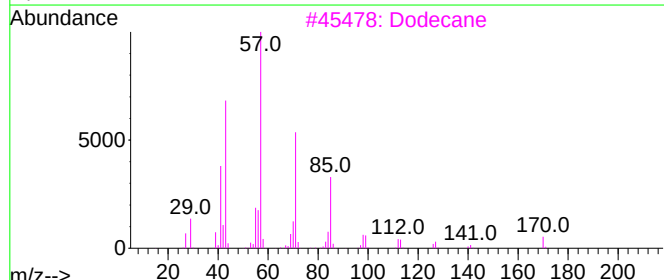
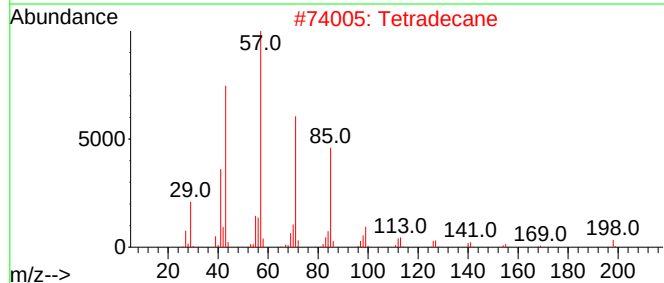
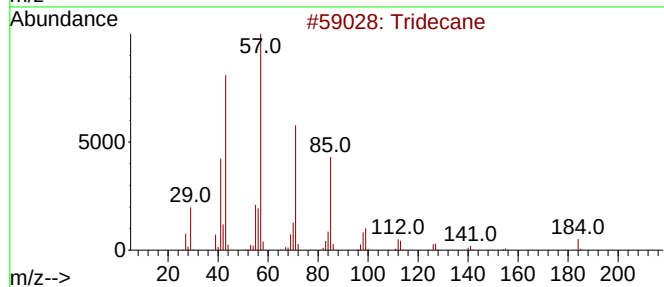
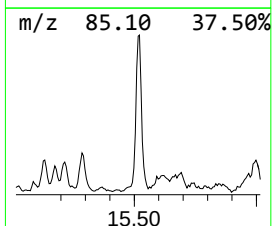
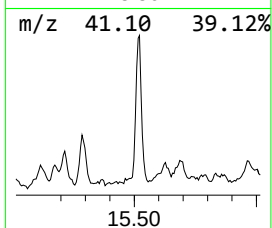
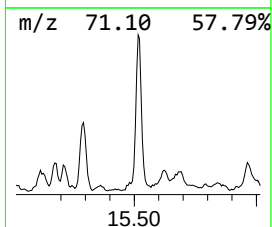
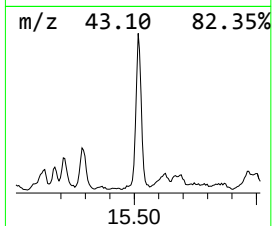
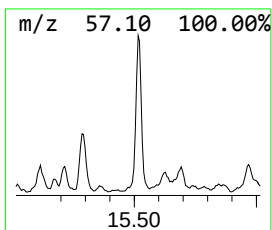
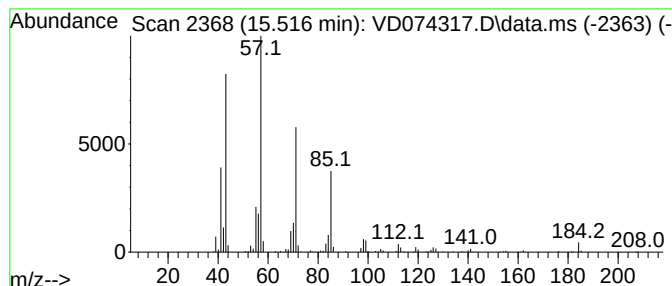
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260

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

Peak Number 5 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.516	324.19 ug/l	670703	1,4-Dichlorobenzene-d4	13.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tetradecane	198	C14H30	000629-59-4	80
3			Dodecane	170	C12H26	000112-40-3	80
4			Hexadecane	226	C16H34	000544-76-3	72
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72



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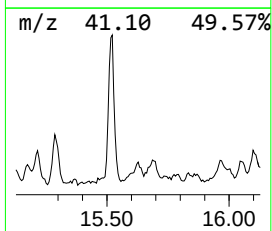
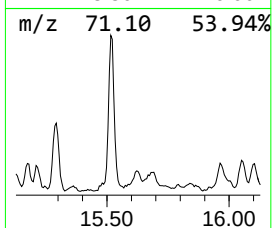
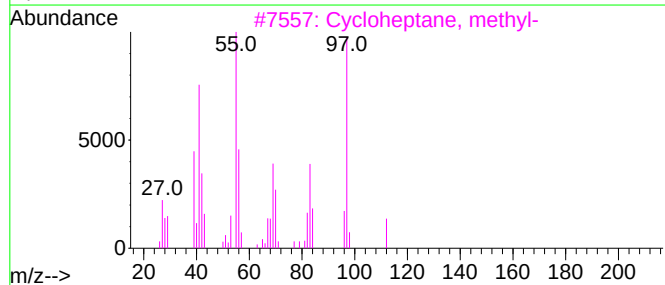
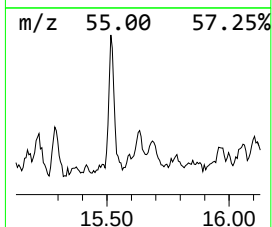
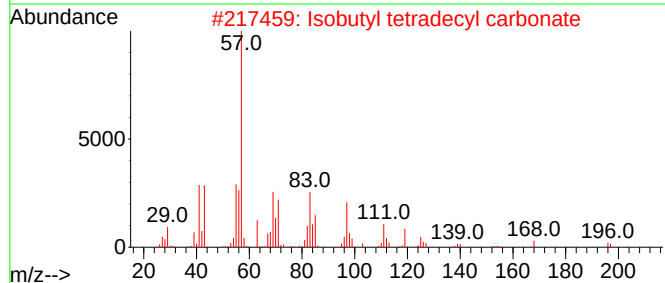
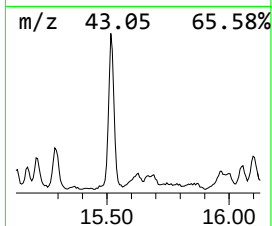
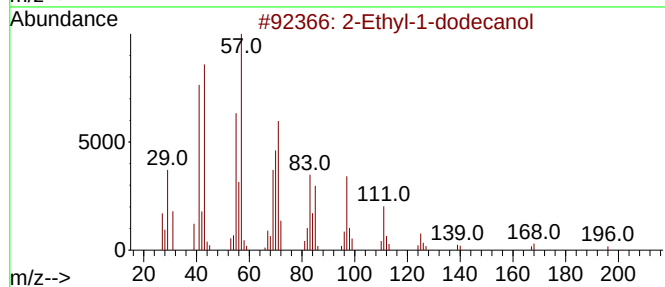
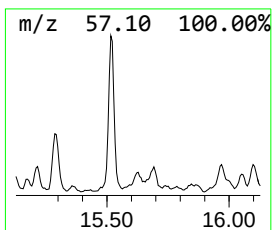
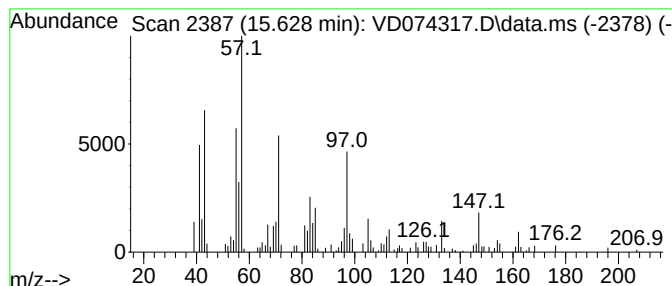
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Quant Title : SW846 8260

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

Peak Number 6 2-Ethyl-1-dodecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.628	82.68 ug/l	171058	1,4-Dichlorobenzene-d4	13.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	52
2			Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	43
3			Cycloheptane, methyl-	112	C8H16	004126-78-7	38
4			Dichloroacetic acid, 2-tetradecy...	324	C16H30Cl2O2	1000280-64-4	38
5			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074317.D
Acq On : 15 Sep 2022 19:22
Operator : VA/SY
Sample : N4610-01
Misc : 6.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

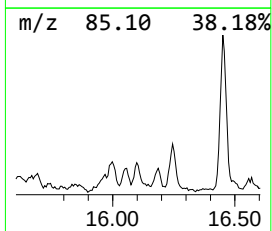
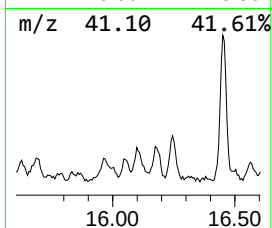
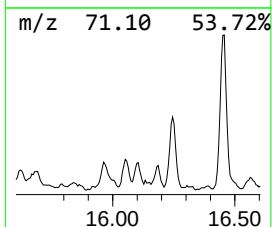
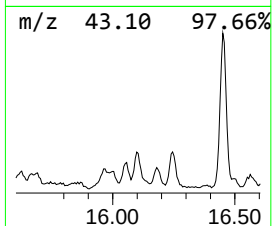
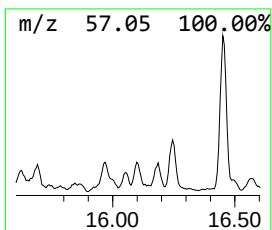
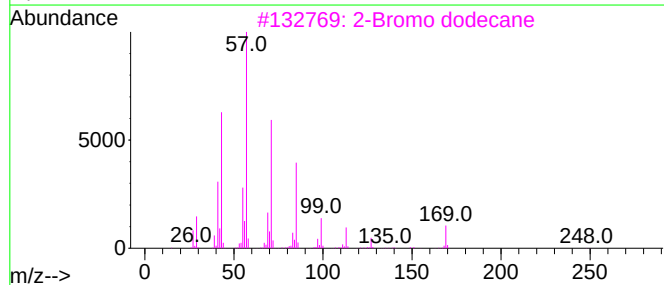
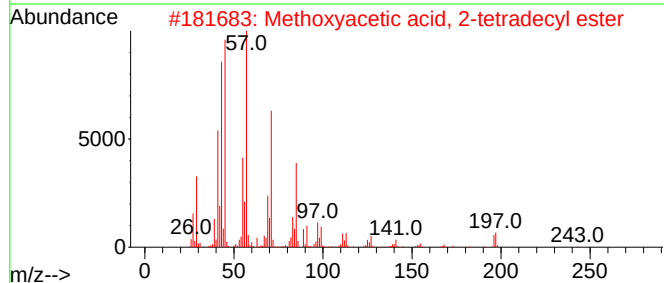
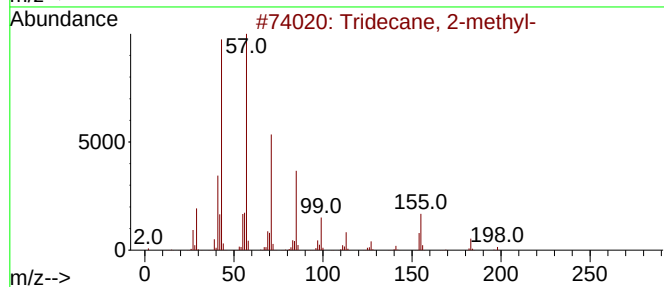
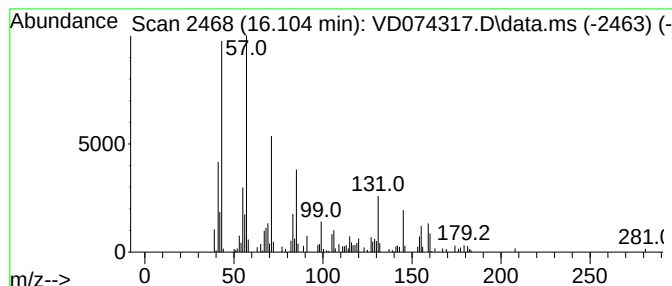
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	83.60 ug/l	172955	1,4-Dichlorobenzene-d4	13.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	52
2			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	49
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	49
4			Nonadecane	268	C19H40	000629-92-5	49
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074317.D
Acq On : 15 Sep 2022 19:22
Operator : VA/SY
Sample : N4610-01
Misc : 6.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

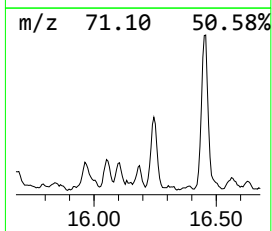
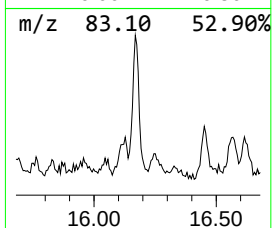
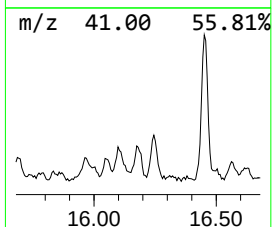
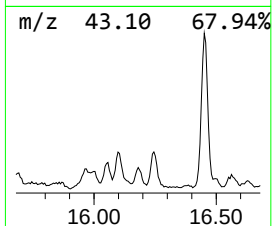
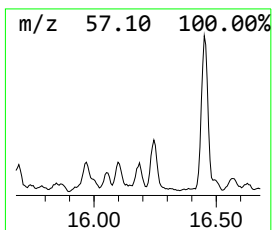
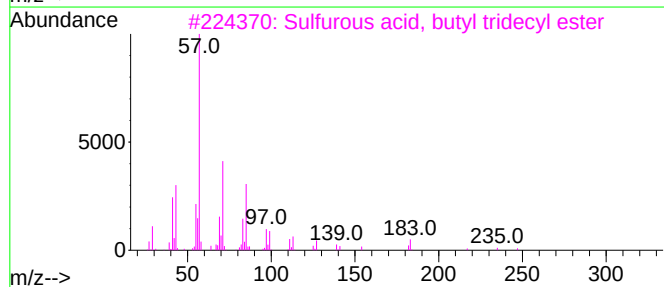
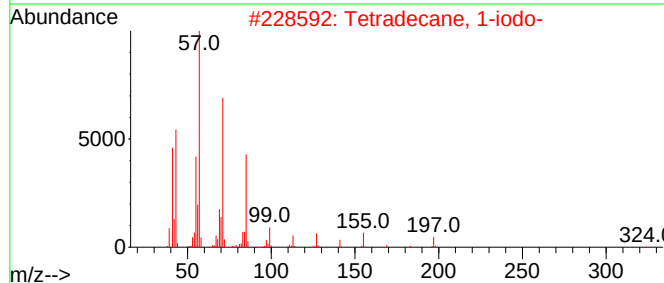
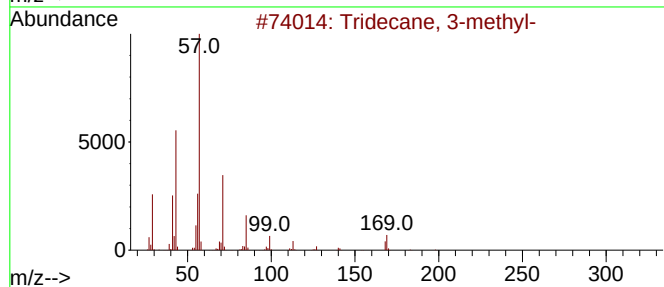
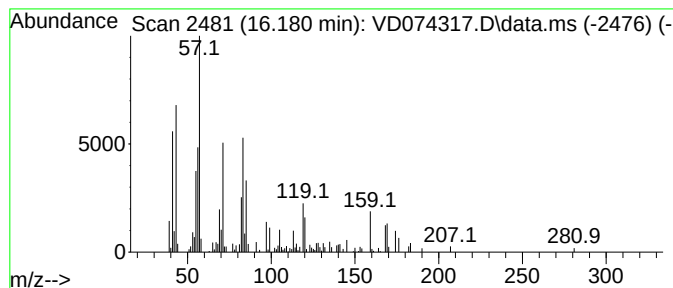
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Quant Title : SW846 8260

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

Peak Number 8 unknown16.180 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	84.81 ug/l	175452	1,4-Dichlorobenzene-d4	13.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25
3			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	25
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	25
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074317.D
Acq On : 15 Sep 2022 19:22
Operator : VA/SY
Sample : N4610-01
Misc : 6.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

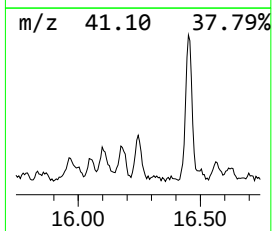
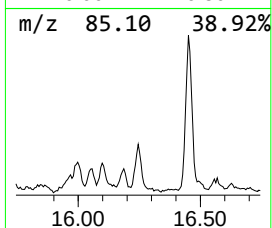
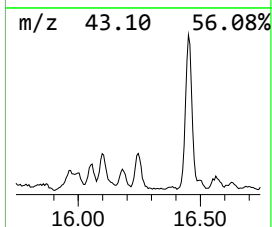
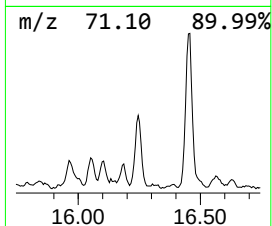
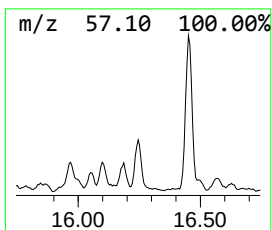
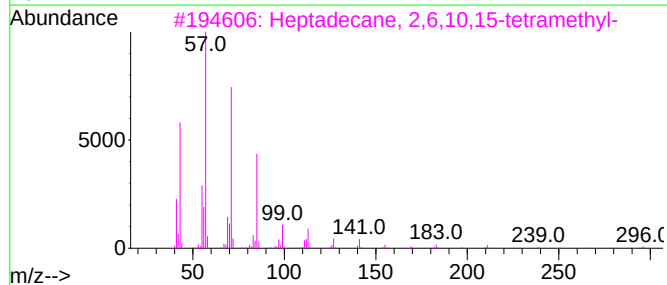
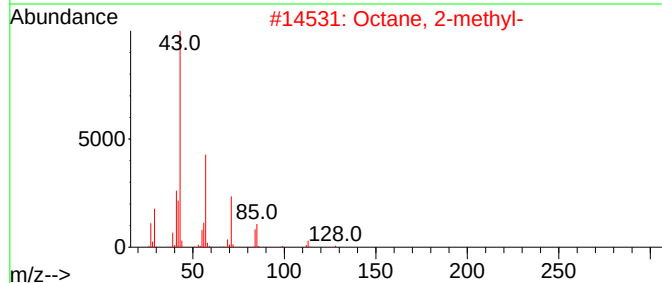
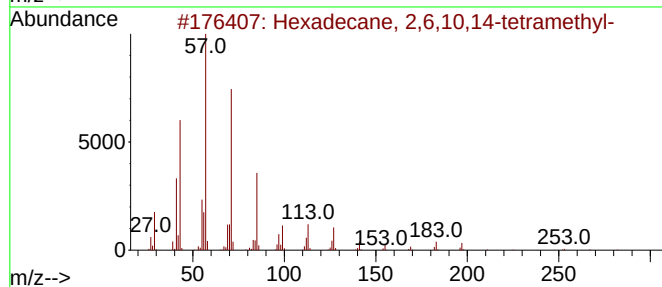
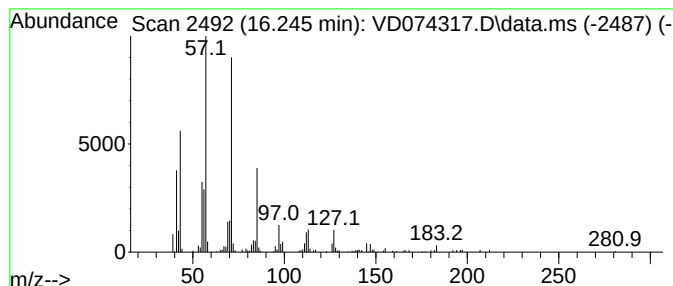
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Quant Title : SW846 8260

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

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.245	110.66 ug/l	228945	1,4-Dichlorobenzene-d4	13.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2			Octane, 2-methyl-	128	C9H20	003221-61-2	81
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074317.D
Acq On : 15 Sep 2022 19:22
Operator : VA/SY
Sample : N4610-01
Misc : 6.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

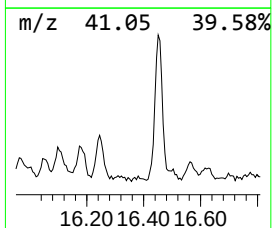
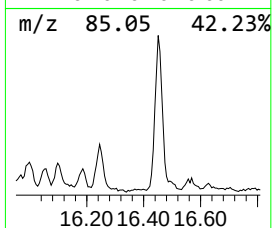
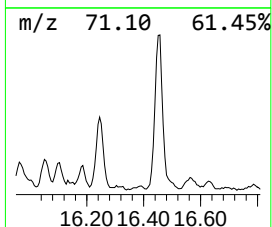
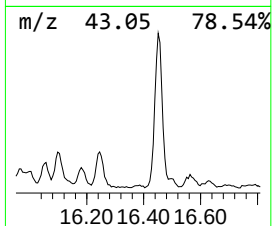
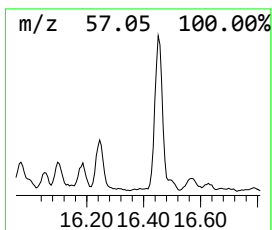
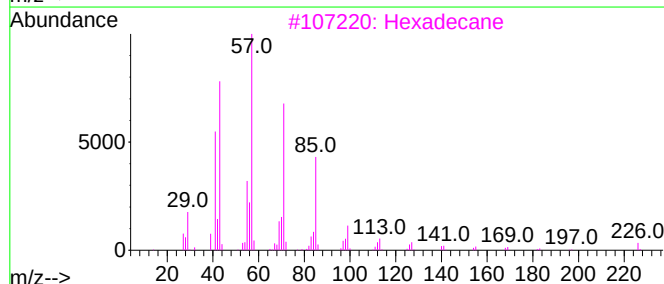
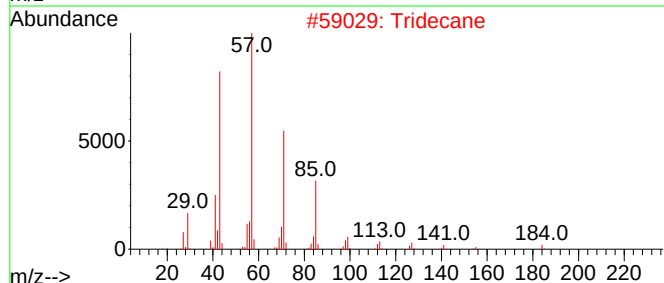
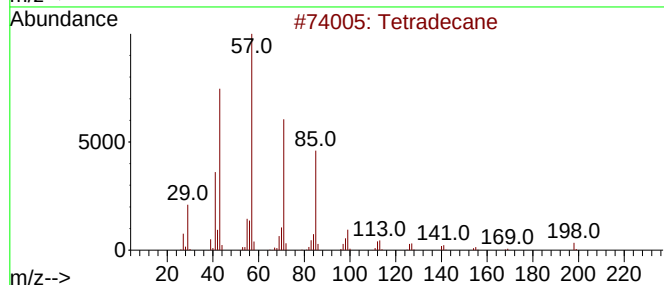
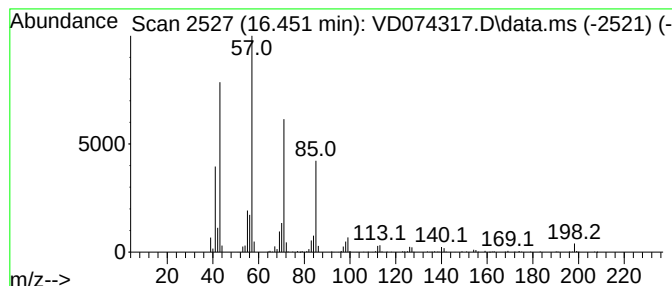
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.451	336.56 ug/l	696292	1,4-Dichlorobenzene-d4	13.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Tridecane	184	C13H28	000629-50-5	80
3			Hexadecane	226	C16H34	000544-76-3	72
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074317.D
Acq On : 15 Sep 2022 19:22
Operator : VA/SY
Sample : N4610-01
Misc : 6.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-BOTTOM

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.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
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Dodecane, 6-met...	14.804	95.2	ug/l	197049	4	13.510	103444	50.0
Dodecane, 4,6-d...	15.292	140.7	ug/l	291179	4	13.510	103444	50.0
Tridecane	15.516	324.2	ug/l	670703	4	13.510	103444	50.0
2-Ethyl-1-dodec...	15.628	82.7	ug/l	171058	4	13.510	103444	50.0
Tridecane, 2-me...	16.104	83.6	ug/l	172955	4	13.510	103444	50.0
unknown16.180	16.180	84.8	ug/l	175452	4	13.510	103444	50.0
Hexadecane, 2,6...	16.245	110.7	ug/l	228945	4	13.510	103444	50.0
Tetradecane	16.451	336.6	ug/l	696292	4	13.510	103444	50.0