

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078108.D
 Acq On : 29 Dec 2023 15:10
 Operator : RP/MD
 Sample : 06039-05
 Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-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\82D122623S.M
 Title : SW846 8260

Signal : TIC: VD078108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	20	26	34	rVB	206787	346203	6.05%	1.912%
2	4.805	535	547	556	rBV3	20357	63130	1.10%	0.349%
3	7.081	922	934	944	rBV	353305	937119	16.38%	5.176%
4	7.805	1046	1057	1063	rBV2	153305	375719	6.57%	2.075%
5	7.875	1063	1069	1082	rVB	268029	600297	10.49%	3.316%
6	8.228	1120	1129	1141	rBV	112150	277573	4.85%	1.533%
7	8.781	1210	1223	1235	rBV	385232	807015	14.10%	4.457%
8	10.269	1468	1476	1484	rBV	634921	1120424	19.58%	6.189%
9	11.581	1690	1699	1708	rBV	577228	982629	17.17%	5.427%
10	12.134	1785	1793	1807	rBV	3680034	5722760	100.00%	31.609%
11	12.575	1861	1868	1879	rVB	479106	790143	13.81%	4.364%
12	13.081	1945	1954	1959	rBV	101097	165826	2.90%	0.916%
13	13.228	1966	1979	1987	rBV	108278	210539	3.68%	1.163%
14	13.516	2020	2028	2037	rVB	631243	1032529	18.04%	5.703%
15	13.840	2078	2083	2089	rBV	55915	85931	1.50%	0.475%
16	14.698	2224	2229	2234	rVB	179828	257147	4.49%	1.420%
17	14.775	2235	2242	2245	rBV5	74047	151674	2.65%	0.838%
18	14.816	2245	2249	2256	rVB2	62792	117472	2.05%	0.649%
19	14.922	2264	2267	2276	rVB4	40302	74240	1.30%	0.410%
20	15.034	2281	2286	2290	rBV5	50348	86139	1.51%	0.476%
21	15.145	2299	2305	2310	rBV6	62217	142668	2.49%	0.788%
22	15.222	2315	2318	2326	rVB5	65278	117522	2.05%	0.649%
23	15.298	2326	2331	2340	rBV4	114396	238210	4.16%	1.316%
24	15.387	2342	2346	2350	rBV4	46346	75194	1.31%	0.415%
25	15.440	2351	2355	2358	rBV6	48804	82373	1.44%	0.455%
26	15.528	2365	2370	2379	rVB	309341	502228	8.78%	2.774%
27	15.628	2379	2387	2393	rBV7	88378	233633	4.08%	1.290%
28	15.698	2396	2399	2404	rVB3	43963	75366	1.32%	0.416%
29	15.787	2407	2414	2416	rVV5	52625	111842	1.95%	0.618%
30	15.828	2417	2421	2428	rVB2	146108	289500	5.06%	1.599%
31	15.987	2442	2448	2457	rBV8	72335	204618	3.58%	1.130%
32	16.139	2466	2474	2479	rBV5	118706	300709	5.25%	1.661%
33	16.192	2480	2483	2489	rVB6	58484	106557	1.86%	0.589%
34	16.257	2490	2494	2499	rVV2	67669	104916	1.83%	0.579%
35	16.334	2501	2507	2514	rVV3	160874	357081	6.24%	1.972%
36	16.398	2514	2518	2523	rVV3	85345	174598	3.05%	0.964%

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Instrument :
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ClientSampleId :
EC48-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\82D122623S.M
Title : SW846 8260

37	16.469	2524	2530	2539	rVB	267075	538988	9.42%	2.977%
38	16.598	2545	2552	2559	rBV8	69144	244307	4.27%	1.349%

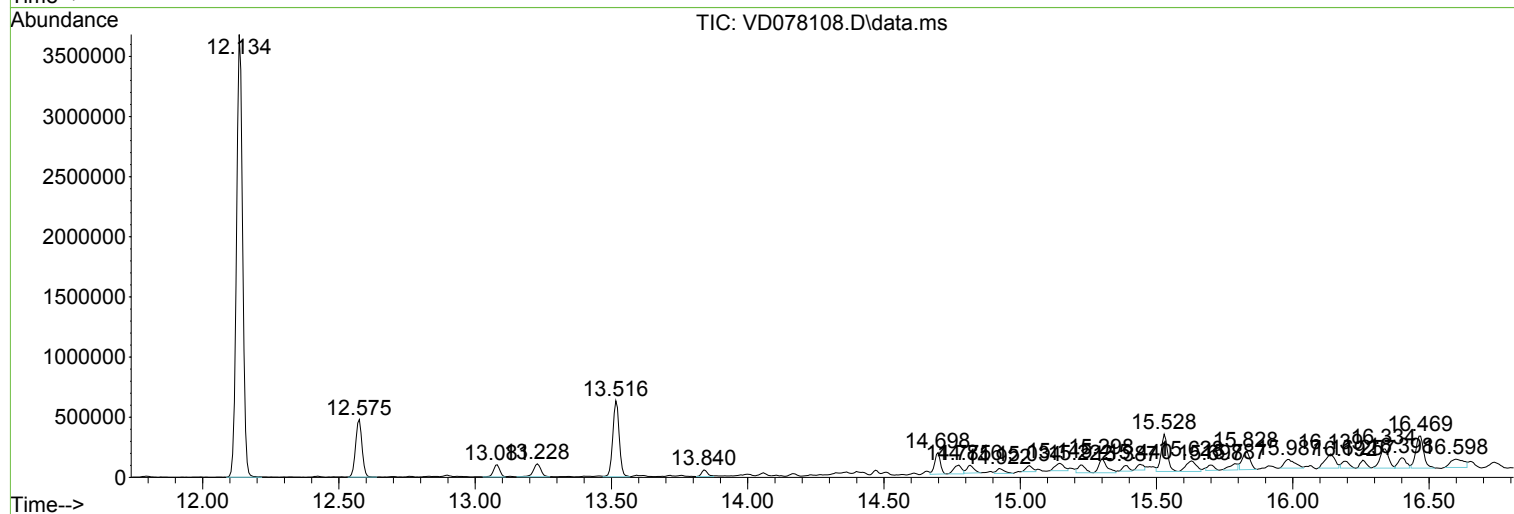
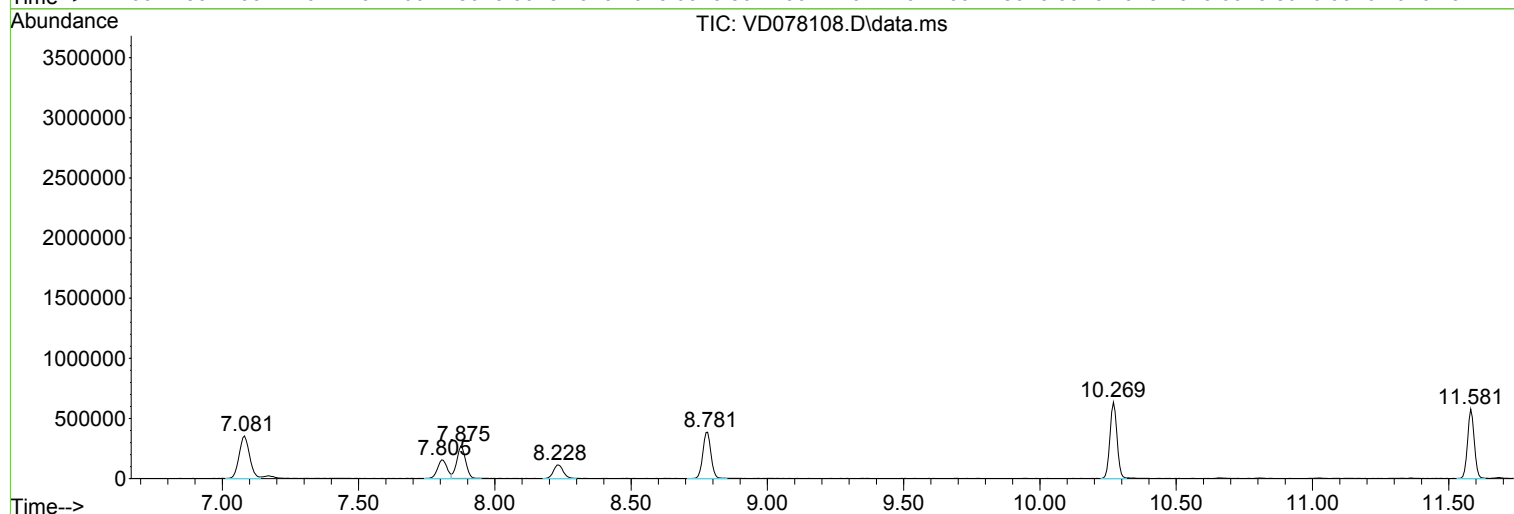
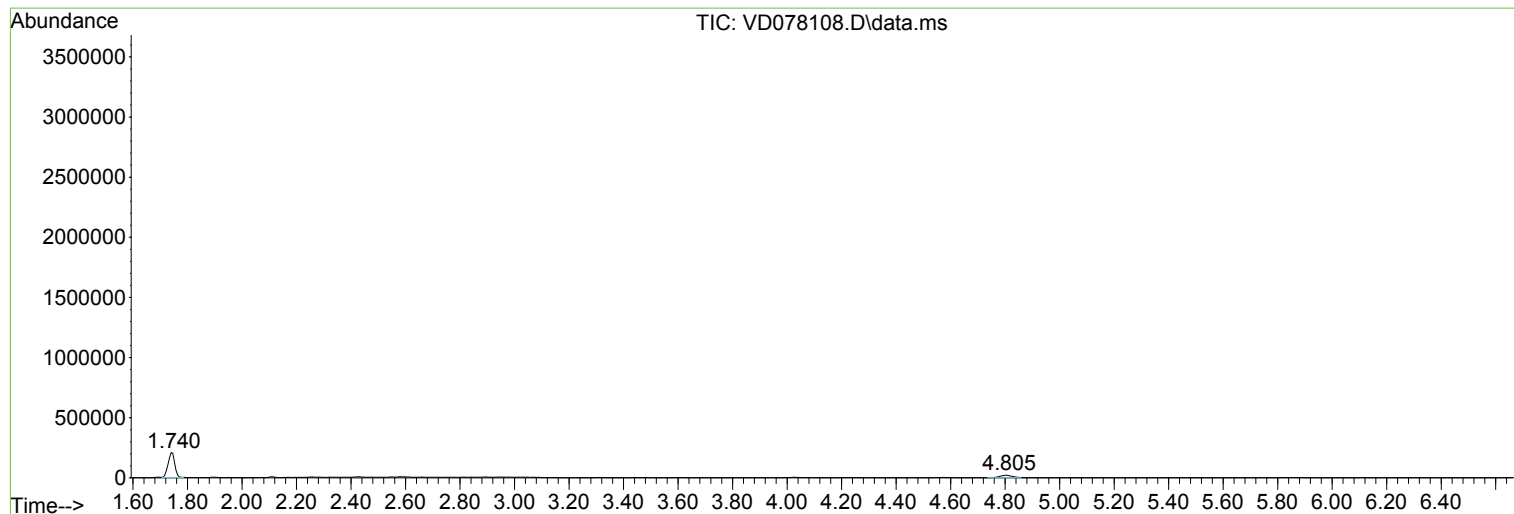
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260

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



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

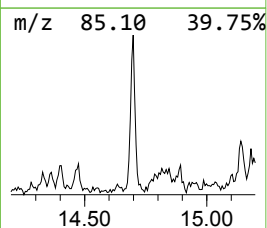
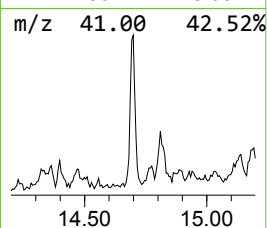
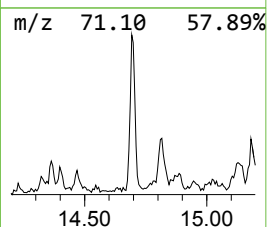
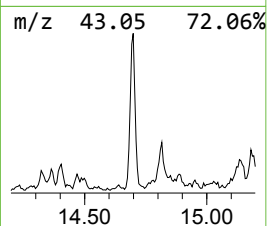
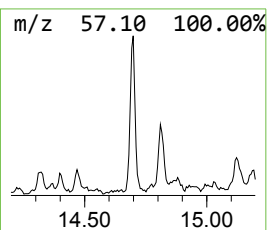
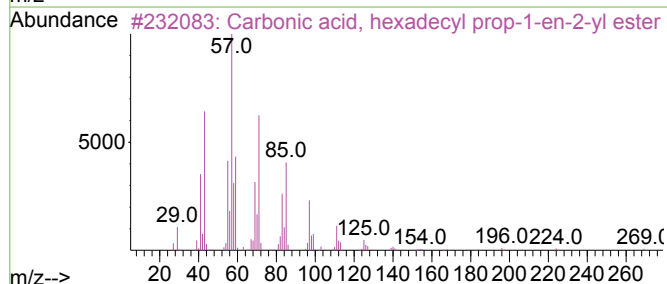
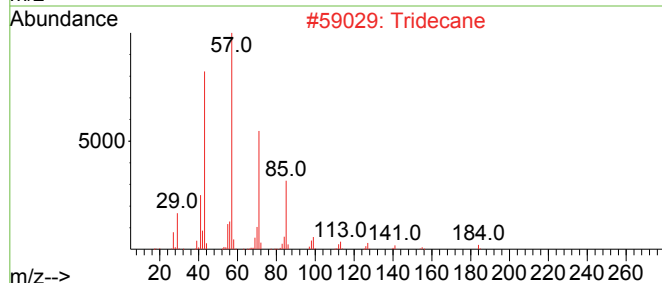
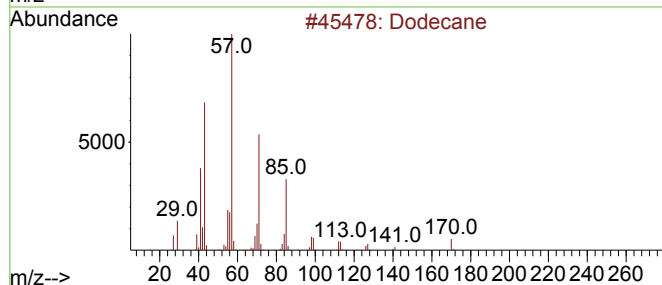
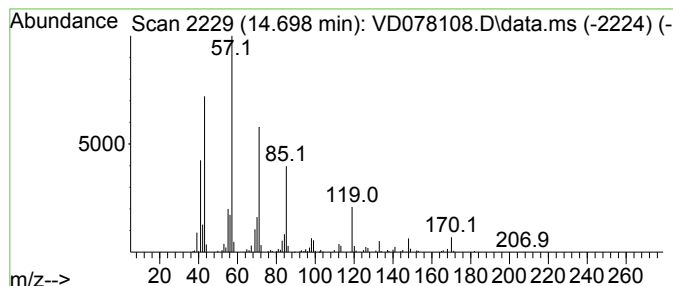
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	12.45 ug/l	257147	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Tridecane	184	C13H28	000629-50-5	64
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	64
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	59
5			Hexadecane	226	C16H34	000544-76-3	58



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

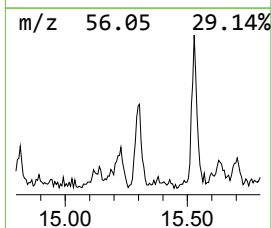
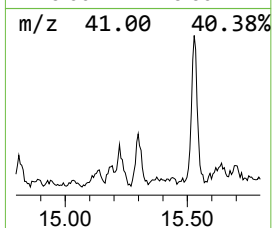
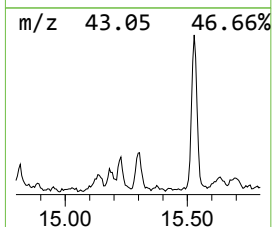
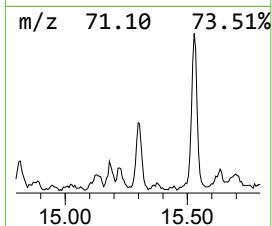
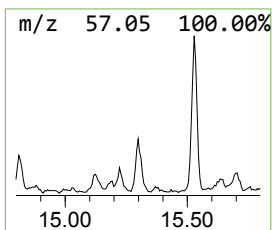
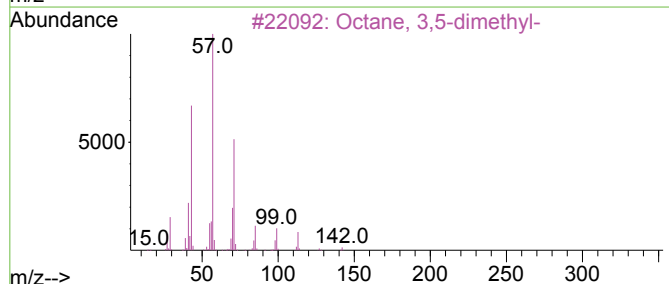
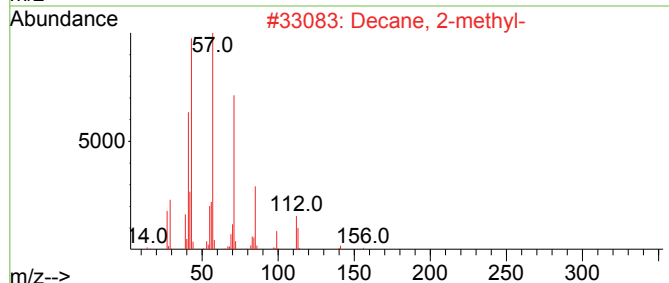
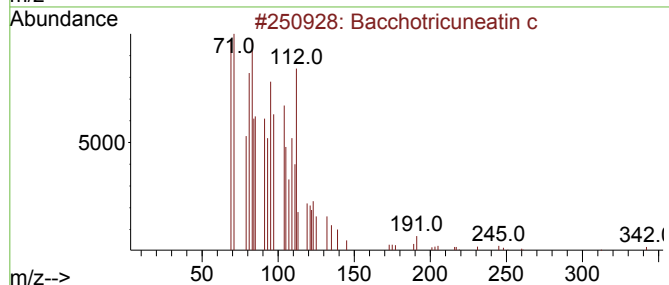
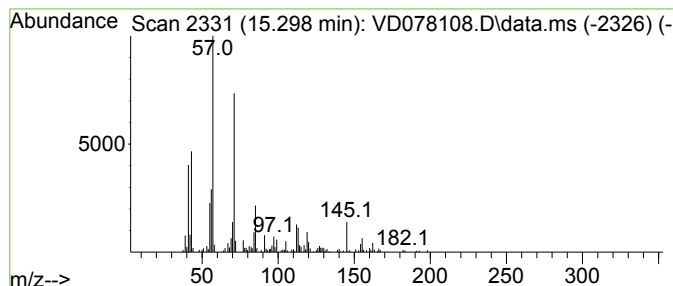
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260

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

Peak Number 3 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	11.54 ug/l	238210	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
2			Decane, 2-methyl-	156	C11H24	006975-98-0	72
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
Data File : VD078108.D
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Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

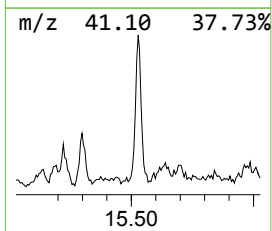
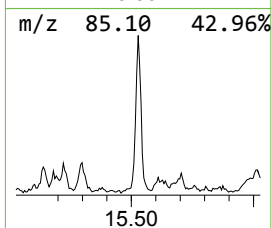
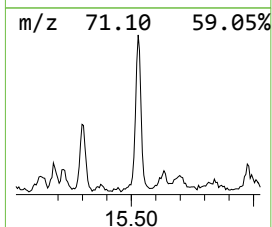
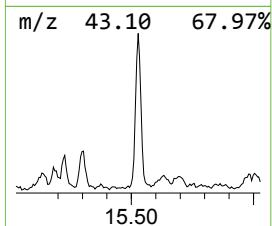
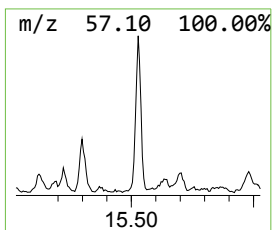
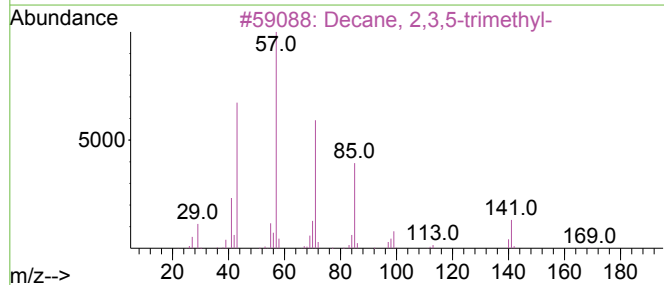
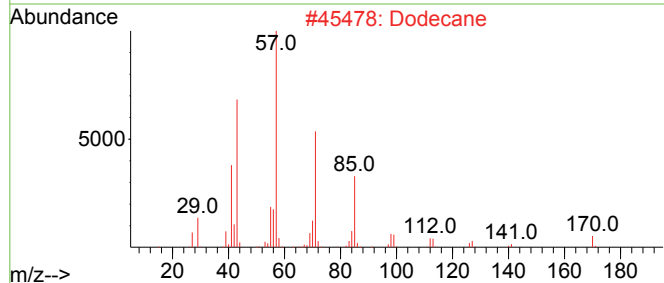
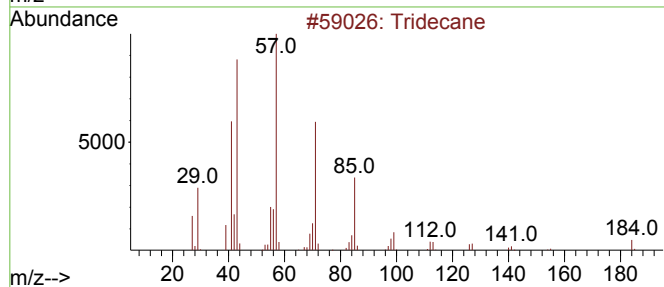
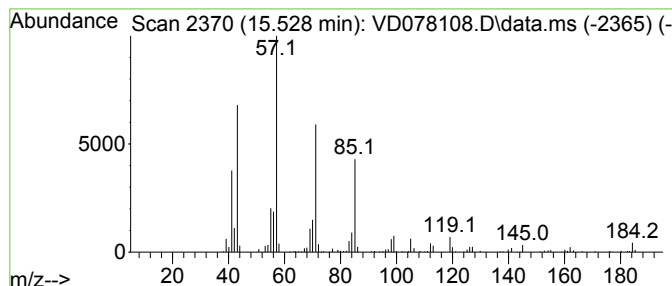
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260

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

Peak Number 4 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.528	24.32 ug/l	502228	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Dodecane	170	C12H26	000112-40-3	86
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
5			Tetradecane	198	C14H30	000629-59-4	72



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Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

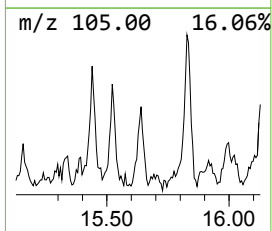
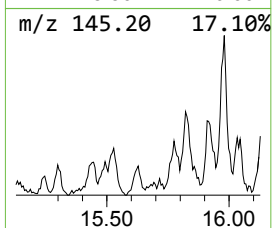
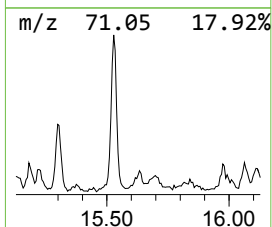
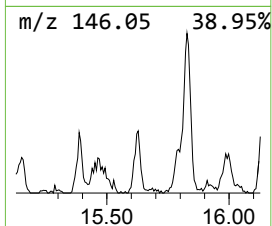
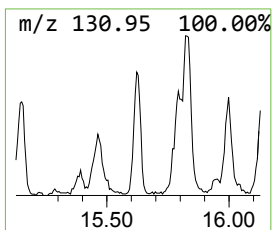
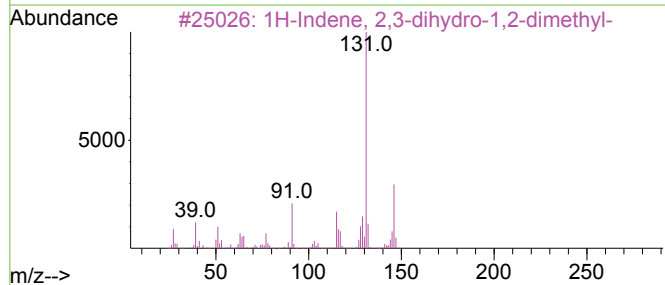
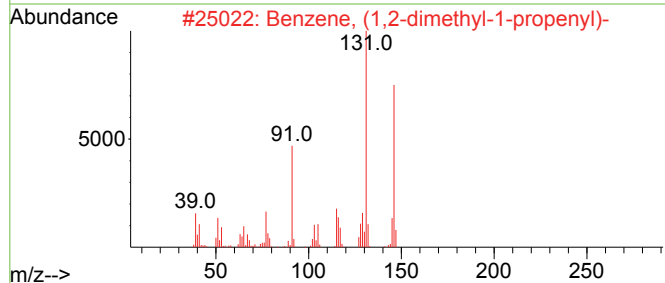
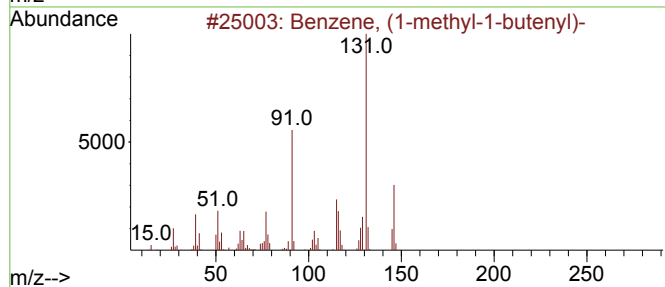
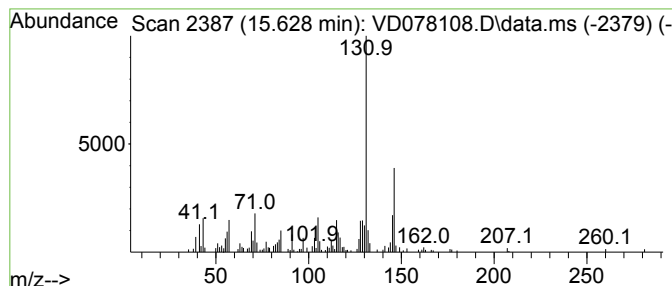
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.628	11.31 ug/l	233633	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

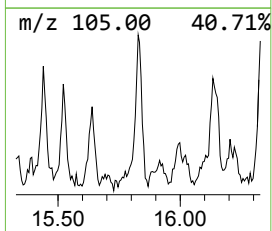
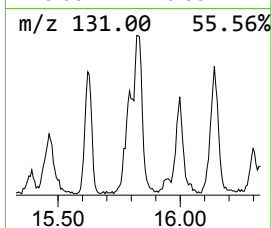
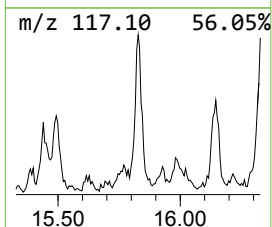
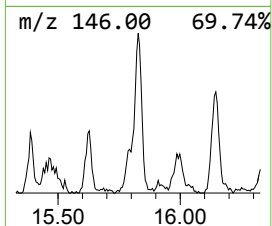
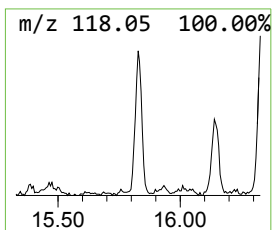
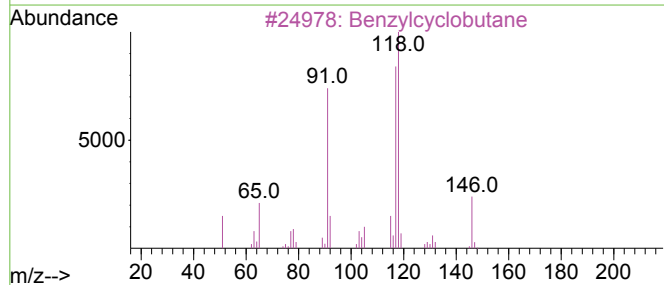
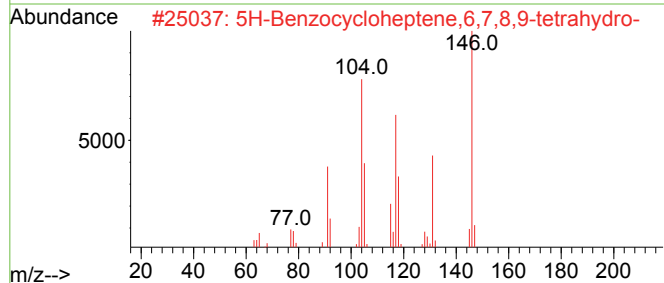
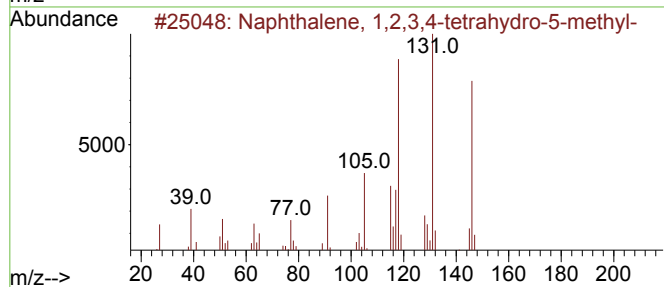
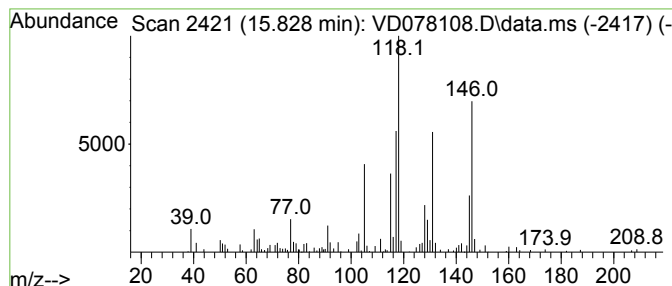
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.828	14.02 ug/l	289500	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
2			5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	47
3			Benzylcyclobutane	146	C11H14	005244-88-2	47
4			1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	43
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
Data File : VD078108.D
Acq On : 29 Dec 2023 15:10
Operator : RP/MD
Sample : 06039-05
Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

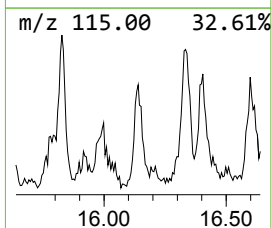
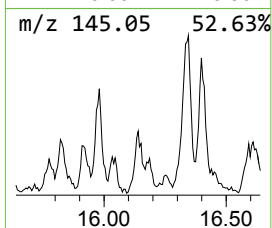
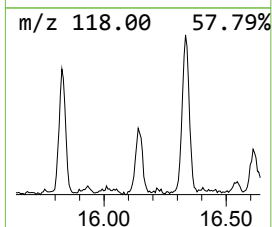
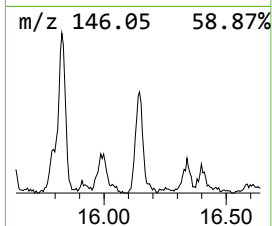
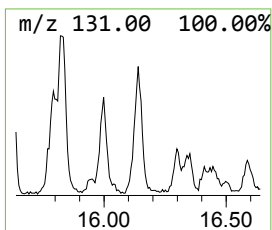
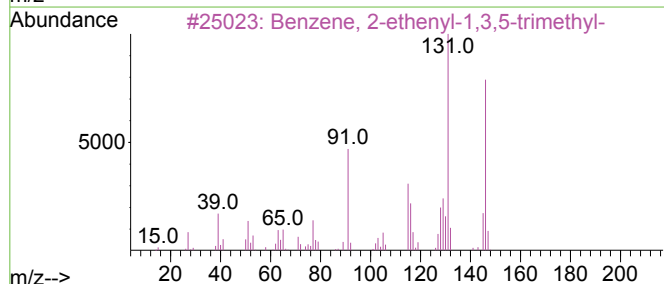
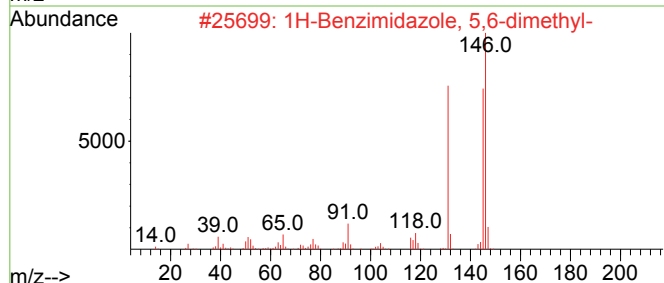
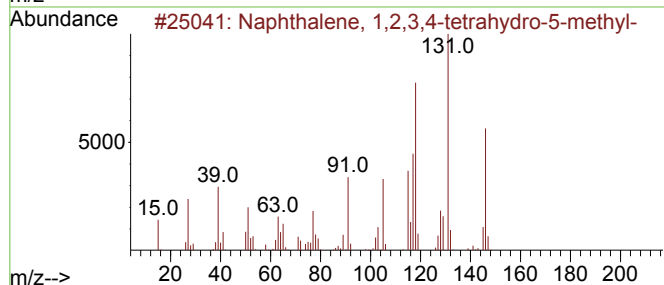
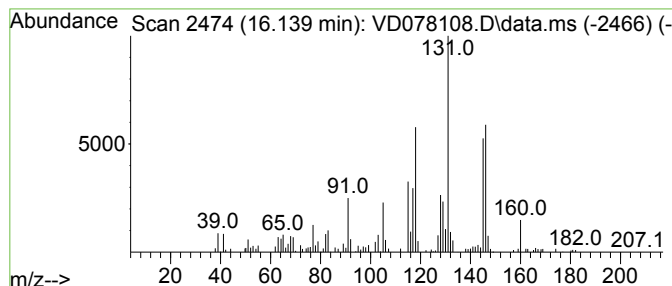
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MSVOA_D
ClientSampleId :
EC48-BOTTOM

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Benzimidazole, 5,6-dimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.140	14.56 ug/l	300709	1,4-Dichlorobenzene-d4		13.516	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	002809-64-5	76
2	1H-Benzimidazole, 5,6-dimethyl-		146	C9H10N2	000582-60-5	60
3	Benzene, 2-ethenyl-1,3,5-trimethyl-		146	C11H14	000769-25-5	60
4	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001680-51-9	58
5	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
Data File : VD078108.D
Acq On : 29 Dec 2023 15:10
Operator : RP/MD
Sample : 06039-05
Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

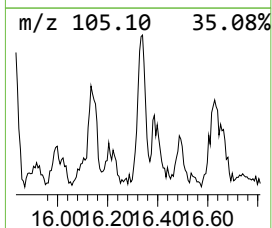
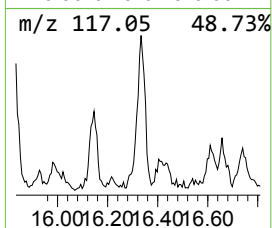
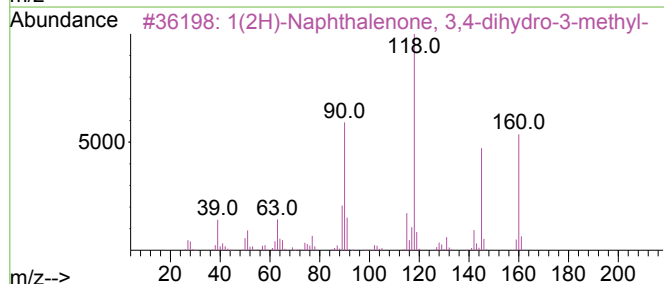
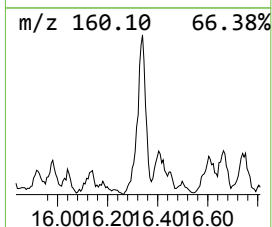
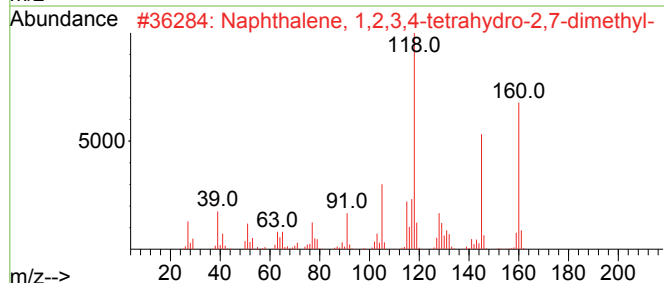
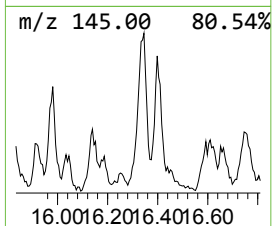
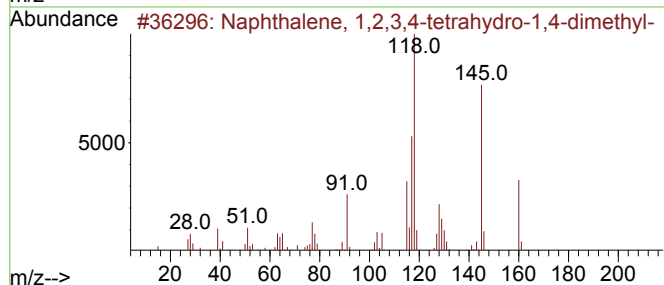
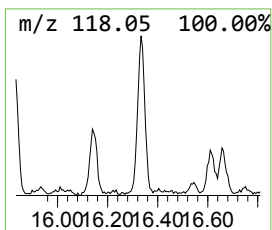
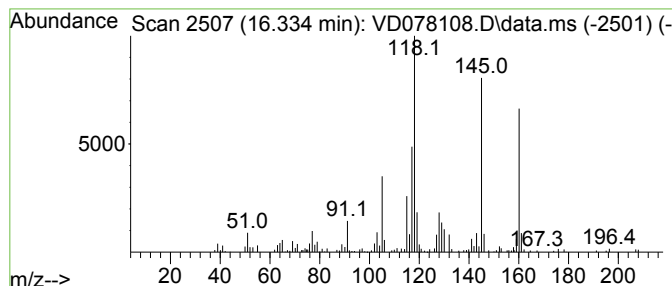
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	17.29 ug/l	357081	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
5			4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
Data File : VD078108.D
Acq On : 29 Dec 2023 15:10
Operator : RP/MD
Sample : 06039-05
Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

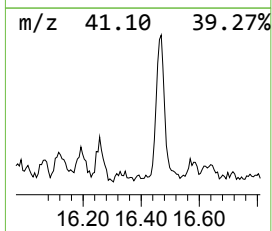
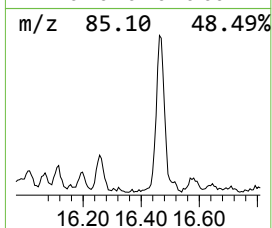
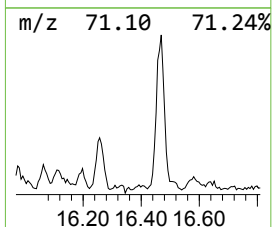
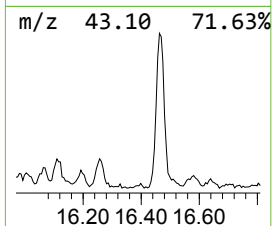
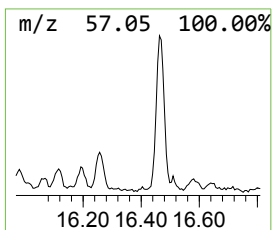
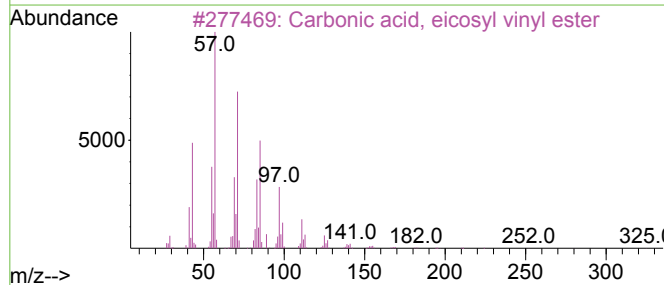
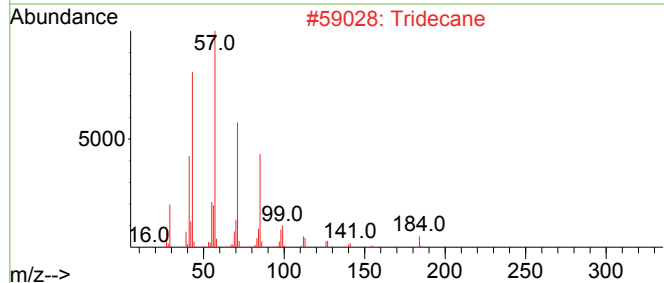
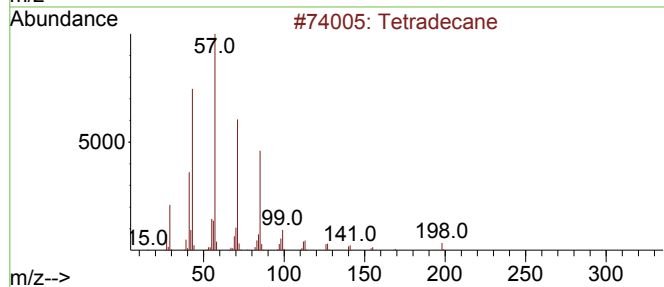
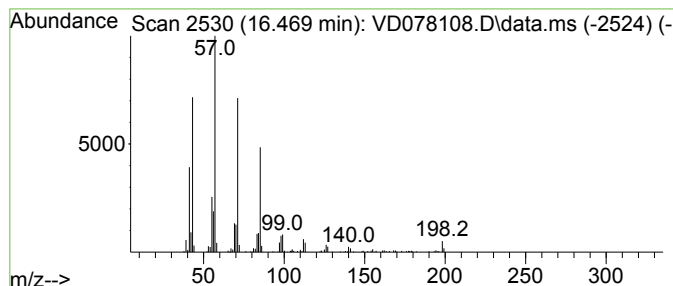
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Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.469	26.10 ug/l	538988	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Tridecane	184	C13H28	000629-50-5	86
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	80
5			Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
Data File : VD078108.D
Acq On : 29 Dec 2023 15:10
Operator : RP/MD
Sample : 06039-05
Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

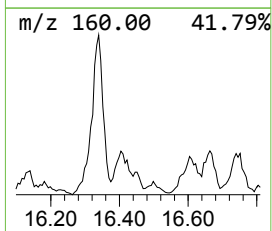
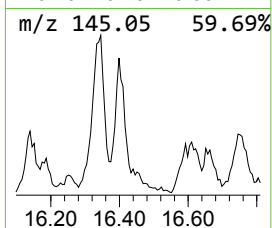
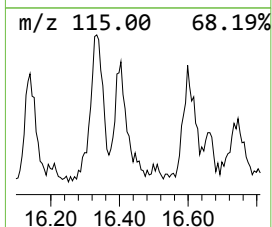
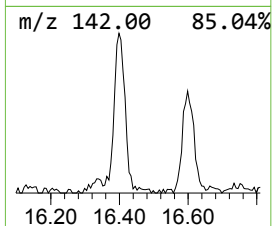
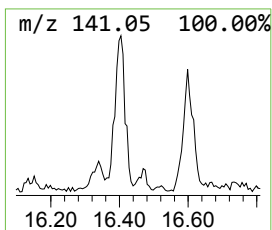
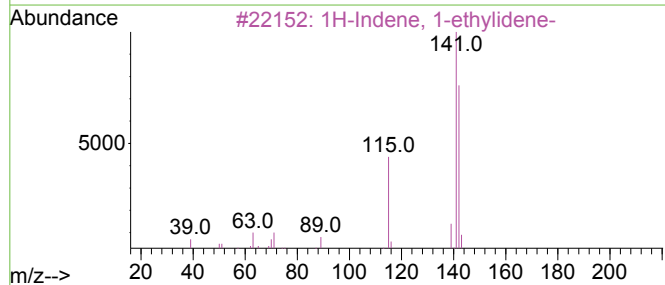
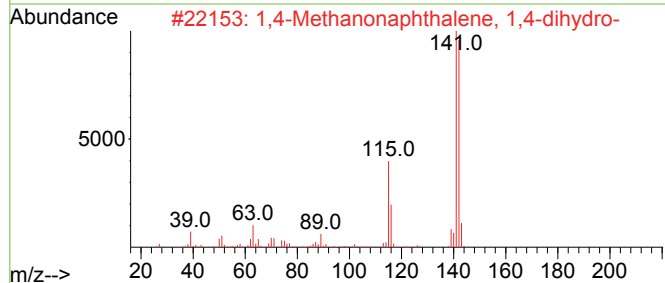
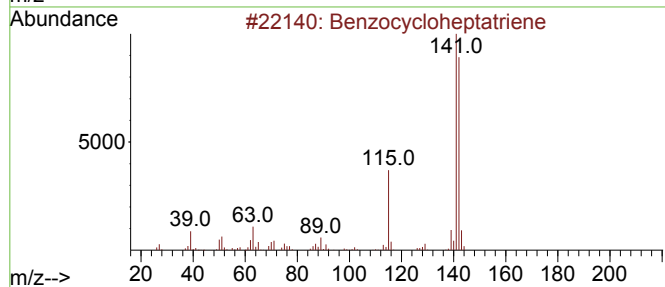
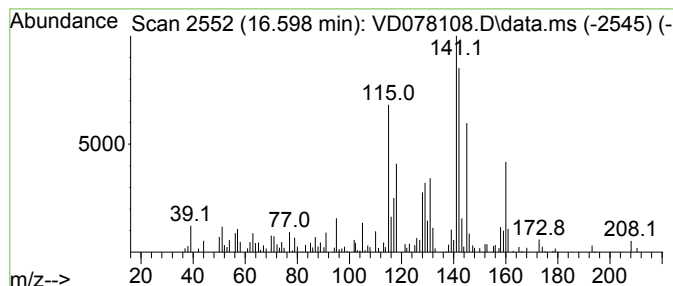
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Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.598	11.83 ug/l	244307	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzocycloheptatriene	142	C11H10	000264-09-5	50
2			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	46
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	45
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	45
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
Data File : VD078108.D
Acq On : 29 Dec 2023 15:10
Operator : RP/MD
Sample : 06039-05
Misc : 5.51G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EC48-BOTTOM

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.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
Dodecane	14.698	12.4	ug/l	257147	4	13.516	1032530	50.0
Bacchotricuneat...	15.298	11.5	ug/l	238210	4	13.516	1032530	50.0
Tridecane	15.528	24.3	ug/l	502228	4	13.516	1032530	50.0
Benzene, (1-met...	15.628	11.3	ug/l	233633	4	13.516	1032530	50.0
Naphthalene, 1,...	15.828	14.0	ug/l	289500	4	13.516	1032530	50.0
1H-Benzimidazol...	16.140	14.6	ug/l	300709	4	13.516	1032530	50.0
Naphthalene, 1,...	16.334	17.3	ug/l	357081	4	13.516	1032530	50.0
Tetradecane	16.469	26.1	ug/l	538988	4	13.516	1032530	50.0
Benzocyclohepta...	16.598	11.8	ug/l	244307	4	13.516	1032530	50.0