

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068171.D
 Acq On : 25 Jan 2021 15:57
 Operator : VA/SY
 Sample : M1218-01
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 240

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\82D011921S.M
 Title : SW846 8260

Signal : TIC: VD068171.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	507	518	531	rBV2	50817	180083	1.76%	0.697%
2	7.920	1011	1020	1023	rBV2	167364	399093	3.90%	1.545%
3	7.973	1023	1029	1038	rVV2	354275	1031138	10.07%	3.991%
4	8.067	1038	1045	1056	rVB2	67780	168100	1.64%	0.651%
5	8.191	1056	1066	1076	rBV2	320239	750049	7.33%	2.903%
6	8.338	1079	1091	1101	rVB	163348	389312	3.80%	1.507%
7	8.455	1101	1111	1116	rBV3	51818	127732	1.25%	0.494%
8	8.726	1147	1157	1169	rBV	686117	1376629	13.45%	5.328%
9	8.867	1172	1181	1196	rVB	400539	812963	7.94%	3.146%
10	9.355	1249	1264	1270	rBV2	120382	284389	2.78%	1.101%
11	10.344	1424	1432	1436	rBV	500101	915155	8.94%	3.542%
12	10.408	1436	1443	1456	rVV	5658998	10235732	100.00%	39.616%
13	11.426	1609	1616	1628	rVB6	55749	148054	1.45%	0.573%
14	11.649	1644	1654	1663	rBV	322609	592854	5.79%	2.295%
15	11.855	1678	1689	1699	rVV4	317707	646083	6.31%	2.501%
16	12.179	1732	1744	1752	rBV3	92019	317671	3.10%	1.229%
17	12.273	1752	1760	1765	rVB	74325	132268	1.29%	0.512%
18	12.390	1776	1780	1790	rVB5	51550	115688	1.13%	0.448%
19	12.632	1816	1821	1825	rBV	202250	333049	3.25%	1.289%
20	12.667	1825	1827	1832	rVB	94414	113238	1.11%	0.438%
21	12.885	1857	1864	1867	rBV3	99184	203256	1.99%	0.787%
22	12.949	1870	1875	1881	rVV2	644886	1099239	10.74%	4.254%
23	13.138	1902	1907	1912	rVV4	257886	487092	4.76%	1.885%
24	13.185	1912	1915	1922	rVB	143562	203433	1.99%	0.787%
25	13.267	1922	1929	1933	rBV	140760	246648	2.41%	0.955%
26	13.326	1933	1939	1943	rBV	148191	236259	2.31%	0.914%
27	13.467	1956	1963	1966	rBV6	104890	206740	2.02%	0.800%
28	13.508	1966	1970	1973	rVV3	78009	104012	1.02%	0.403%
29	13.573	1977	1981	1985	rVV	179945	230256	2.25%	0.891%
30	13.667	1990	1997	2004	rBV	450933	783292	7.65%	3.032%
31	13.767	2010	2014	2018	rBV2	101701	142270	1.39%	0.551%
32	13.814	2018	2022	2031	rVB3	139669	281666	2.75%	1.090%
33	13.896	2031	2036	2041	rBV	519112	775027	7.57%	3.000%
34	14.061	2061	2064	2069	rVB2	91671	126377	1.23%	0.489%
35	14.114	2069	2073	2078	rVB	148881	226980	2.22%	0.878%
36	14.226	2086	2092	2097	rBV3	95899	174251	1.70%	0.674%

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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\82D011921S.M
Title : SW846 8260

37	14.320	2103	2108	2113	rBV	96723	158446	1.55%	0.613%
38	14.408	2119	2123	2126	rBV3	70403	123778	1.21%	0.479%
39	14.443	2126	2129	2133	rVV3	100207	150451	1.47%	0.582%
40	14.720	2171	2176	2178	rBV3	161367	242008	2.36%	0.937%
41	14.749	2178	2181	2187	rVB2	221940	316616	3.09%	1.225%
42	14.826	2188	2194	2198	rVV6	61730	141040	1.38%	0.546%
43	14.873	2199	2202	2209	rVB4	57441	109063	1.07%	0.422%

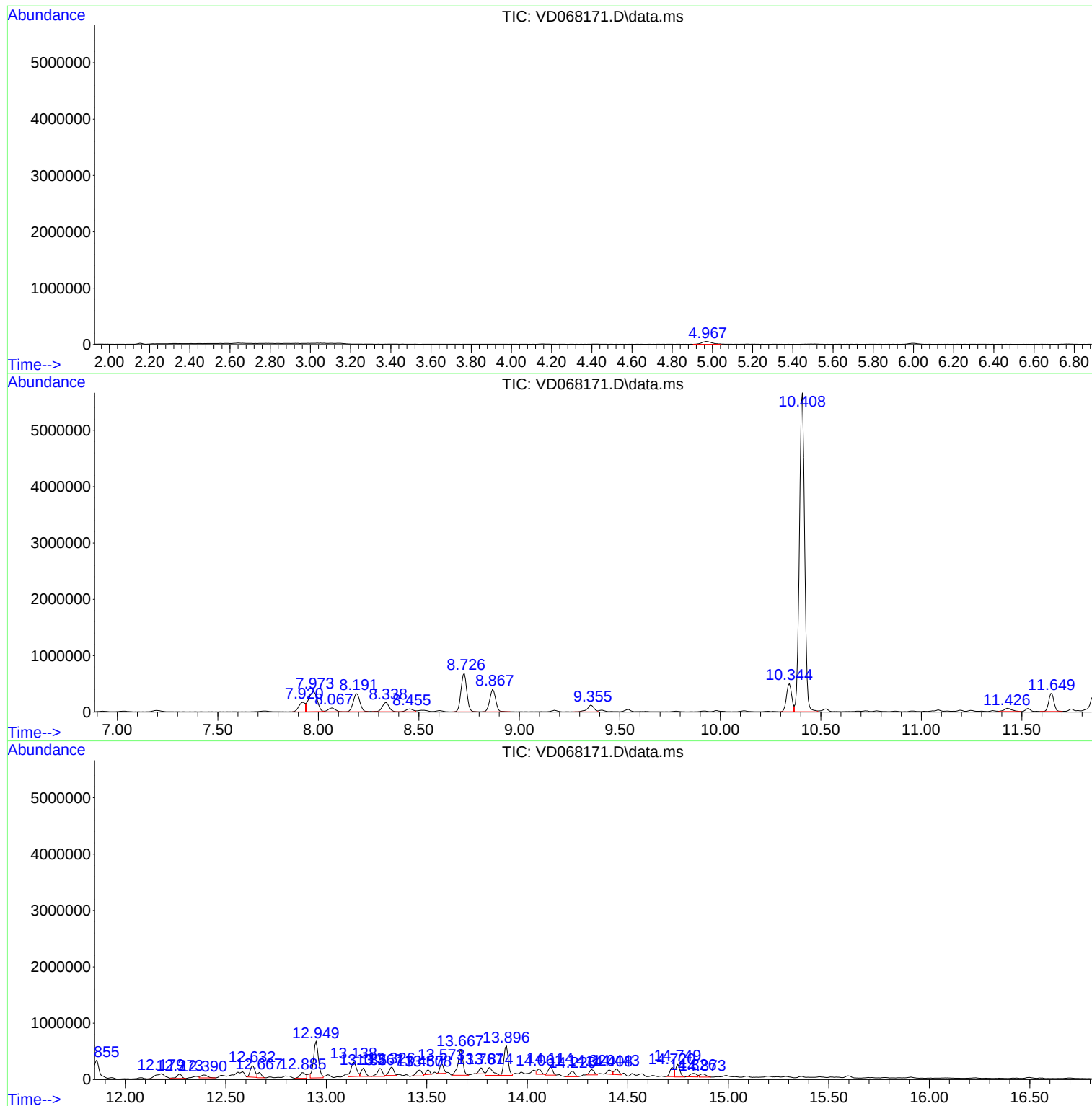
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Misc : 1.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
240

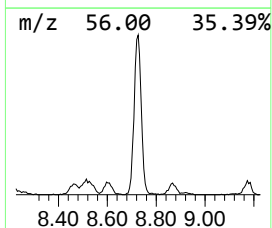
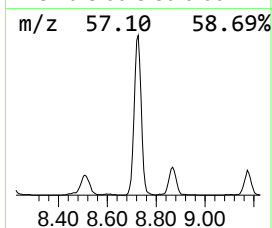
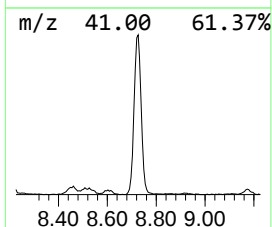
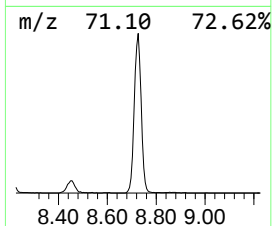
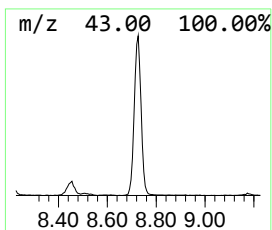
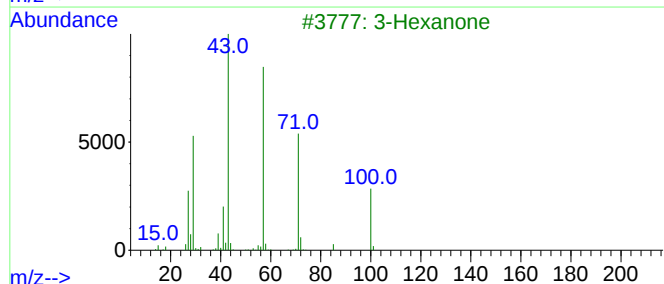
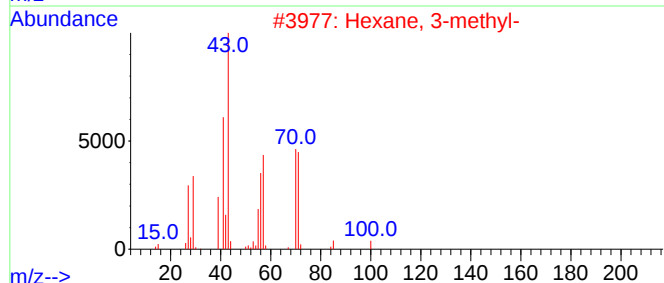
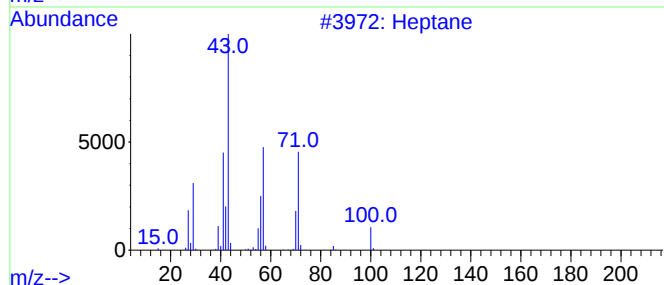
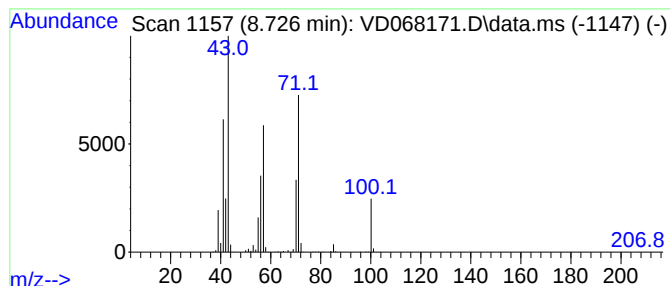
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.726	84.67 ug/l	1376630	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	87
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3			3-Hexanone	100	C6H12O	000589-38-8	43
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38
5			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	38



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Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
240

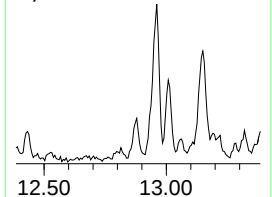
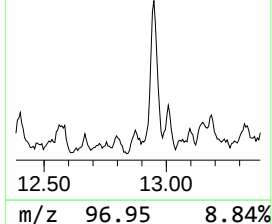
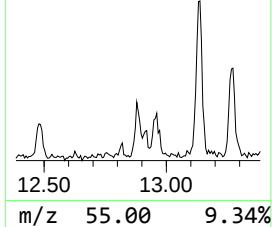
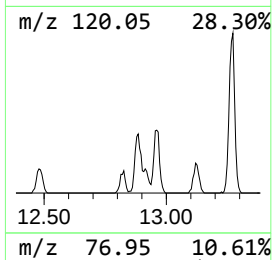
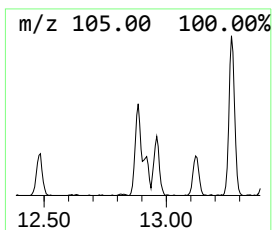
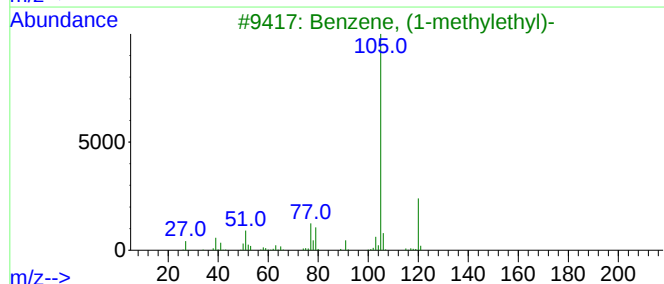
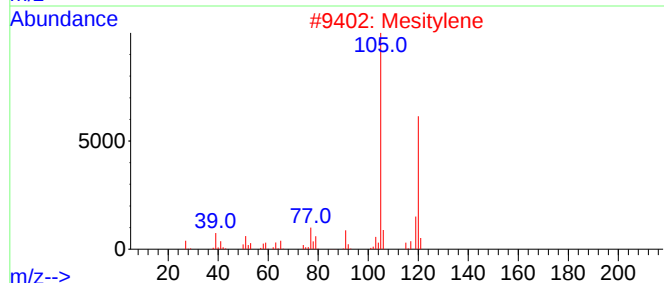
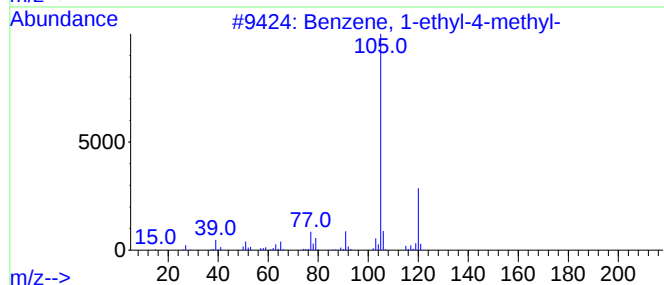
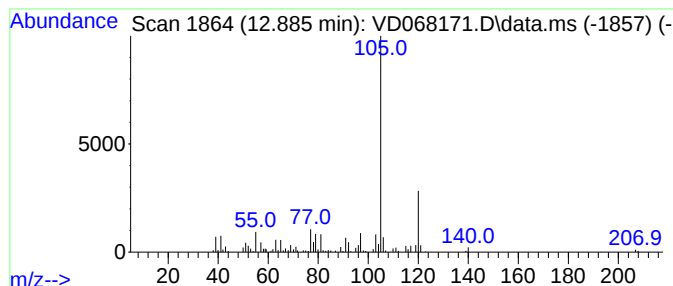
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.885	44.14 ug/l	203256	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2			Mesitylene	120	C9H12	000108-67-8	83
3			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	81
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	74



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Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
240

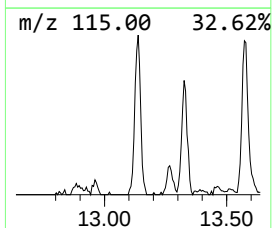
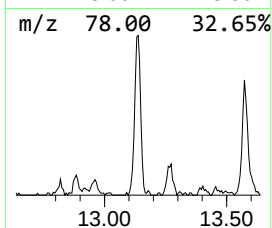
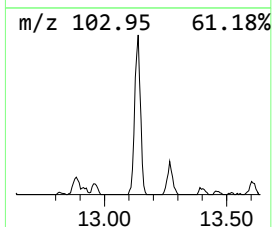
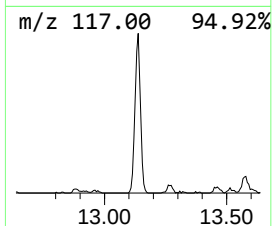
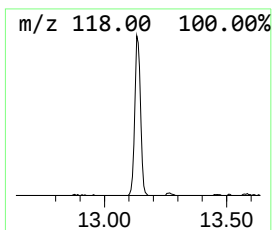
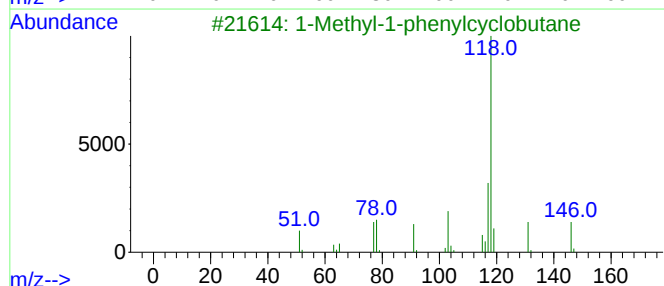
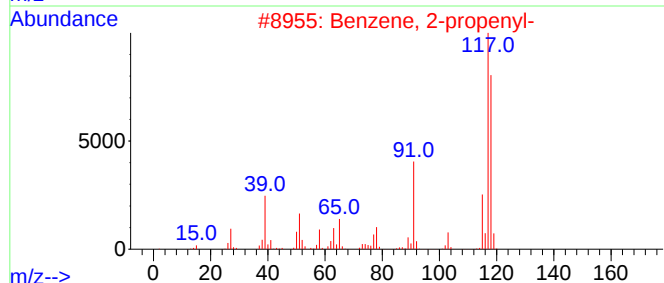
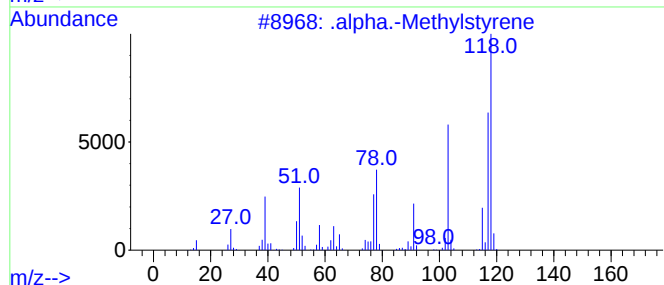
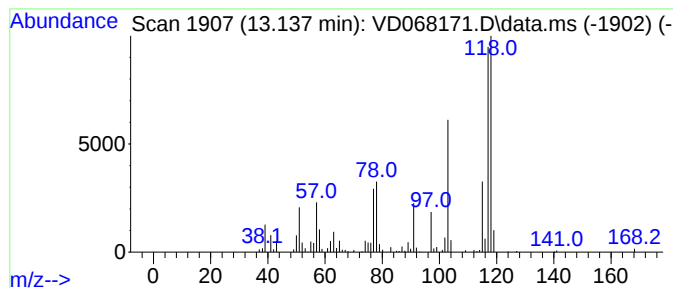
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Methylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.137	105.77 ug/l	487092	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	52
3			1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	50
4			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	49
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	49



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Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
240

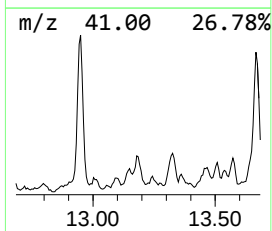
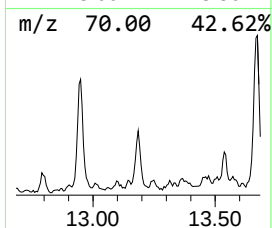
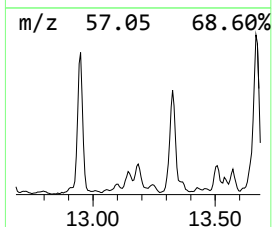
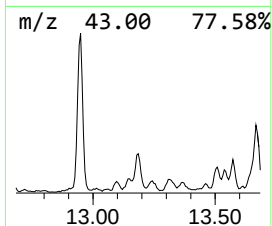
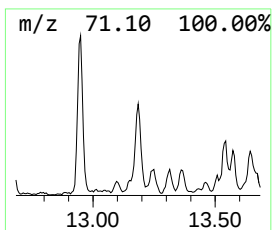
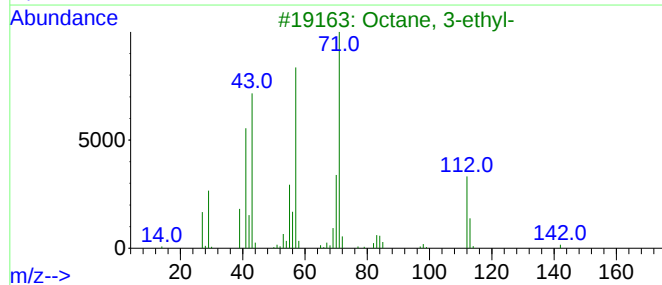
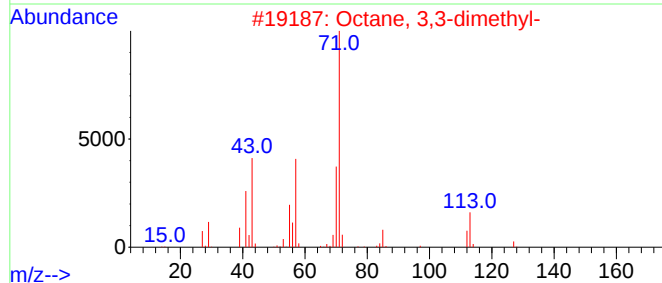
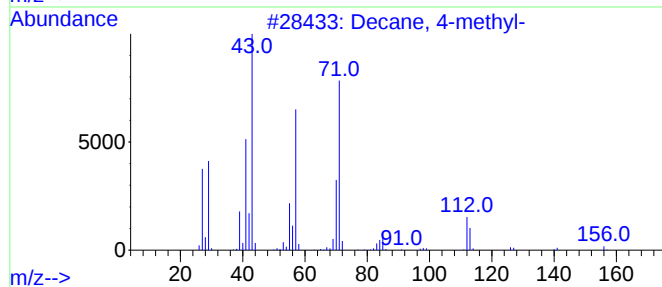
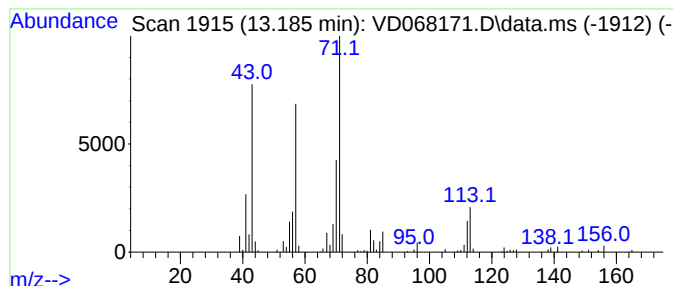
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.185	44.18 ug/l	203433	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	80
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	64
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5			1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	50



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Instrument :
MSVOA_D
ClientSampleId :
240

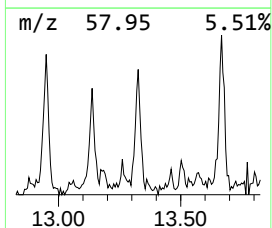
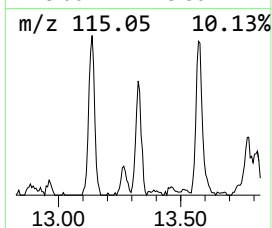
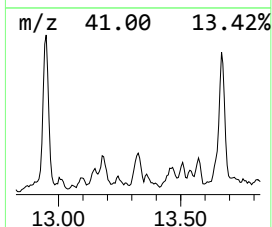
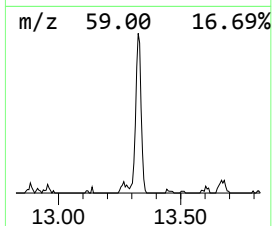
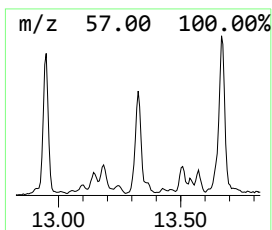
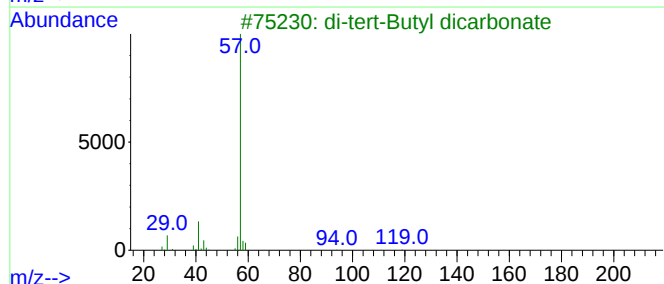
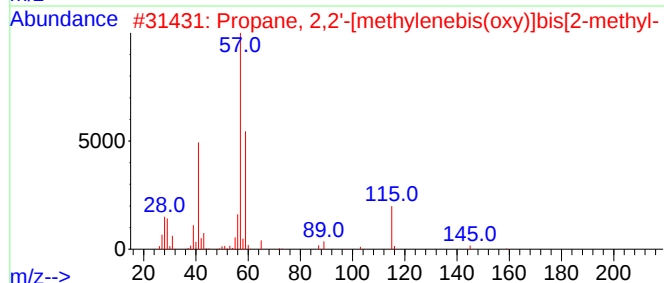
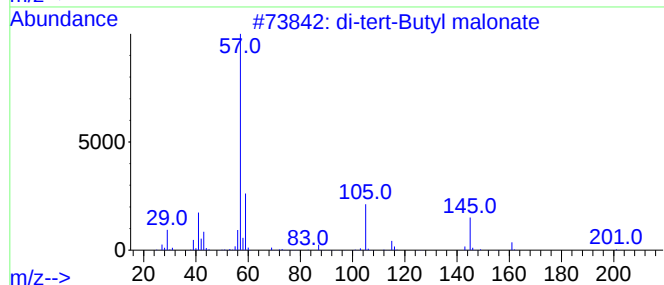
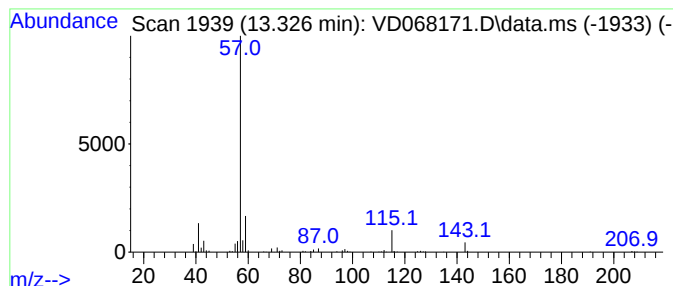
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.326 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.326	51.30 ug/l	236259	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-tert-Butyl malonate	216	C11H20O4	000541-16-2	23
2			Propane, 2,2'-[methylenebis(oxy)]...	160	C9H20O2	002568-93-6	23
3			di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	23
4			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	23
5			Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068171.D
Acq On : 25 Jan 2021 15:57
Operator : VA/SY
Sample : M1218-01
Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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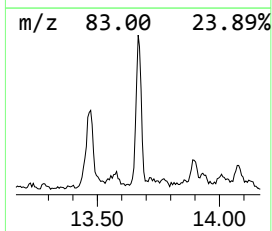
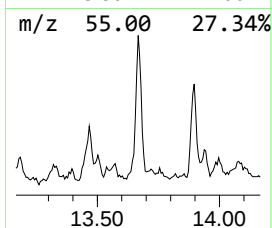
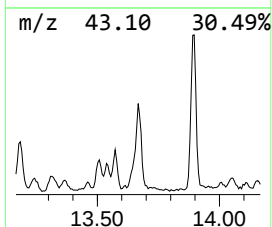
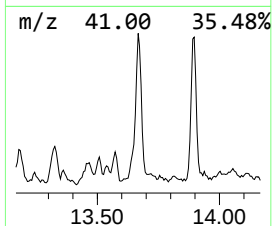
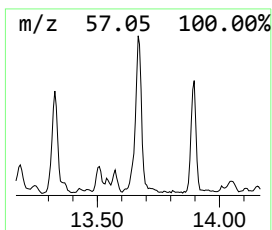
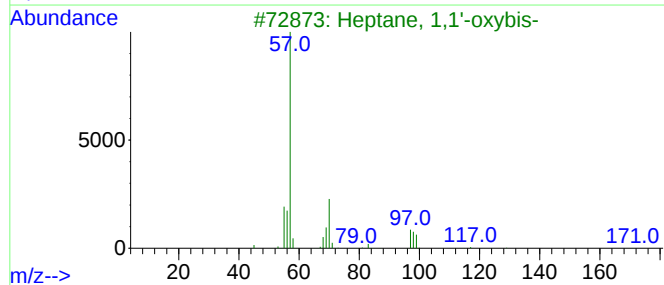
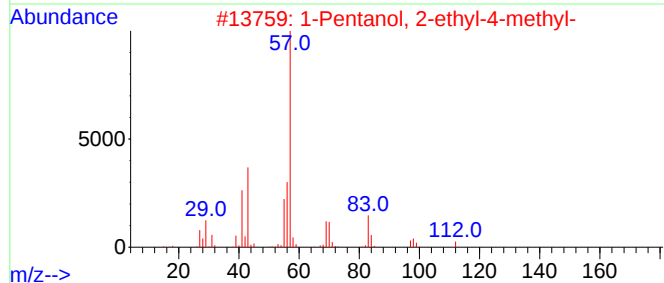
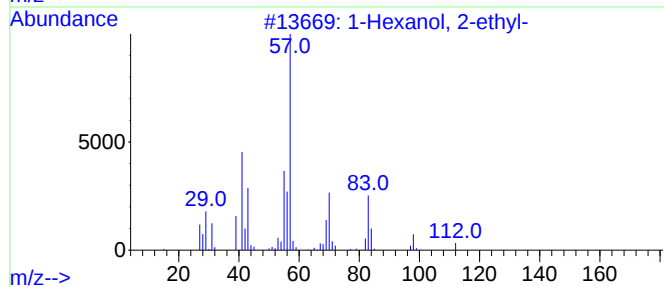
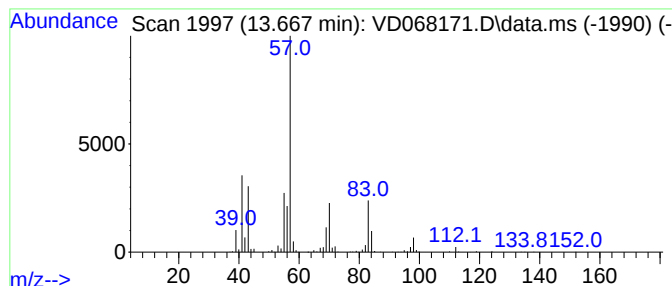
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.667	170.09 ug/l	783292	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
3			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47
5			1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068171.D
Acq On : 25 Jan 2021 15:57
Operator : VA/SY
Sample : M1218-01
Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
240

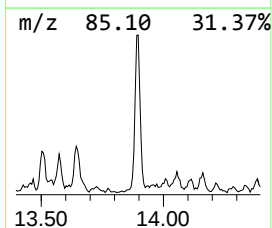
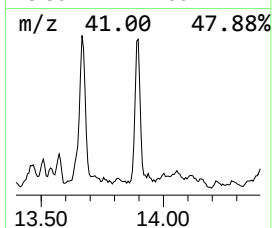
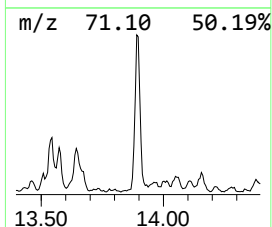
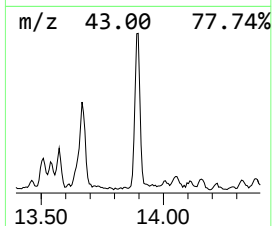
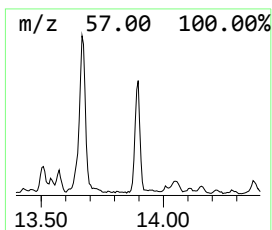
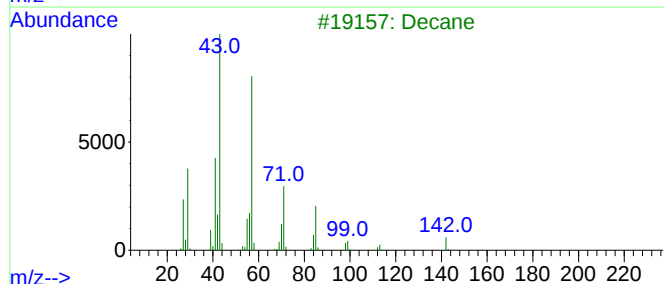
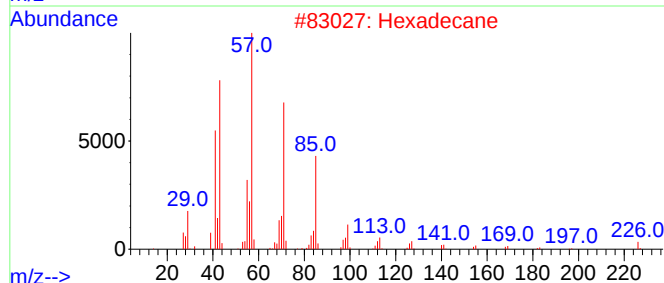
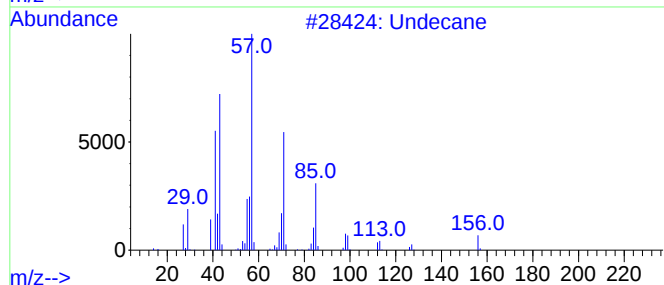
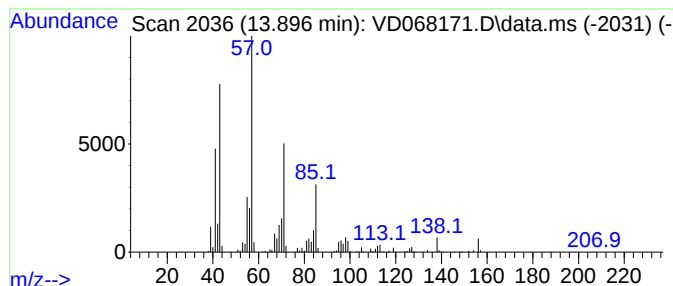
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.896	168.30 ug/l	775027	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Hexadecane			226	C16H34	000544-76-3	80
3	Decane			142	C10H22	000124-18-5	80
4	Tridecane			184	C13H28	000629-50-5	72
5	Tetradecane, 1-iodo-			324	C14H29I	019218-94-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068171.D
Acq On : 25 Jan 2021 15:57
Operator : VA/SY
Sample : M1218-01
Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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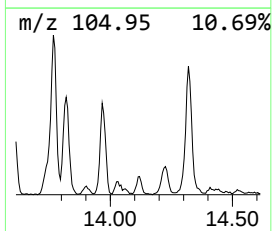
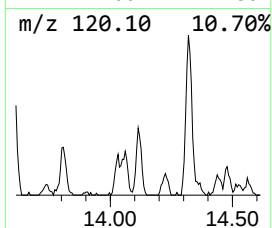
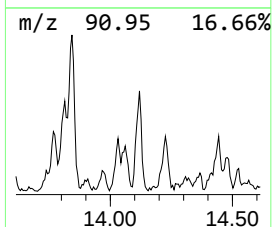
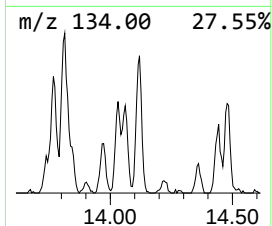
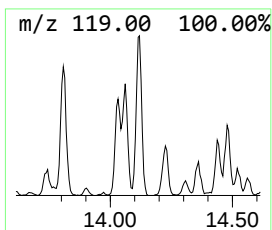
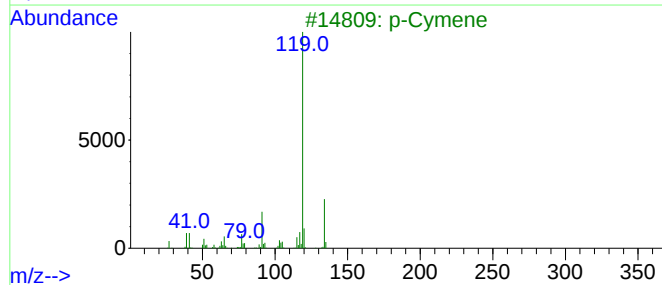
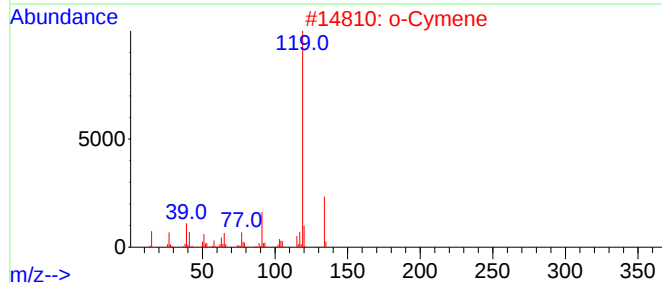
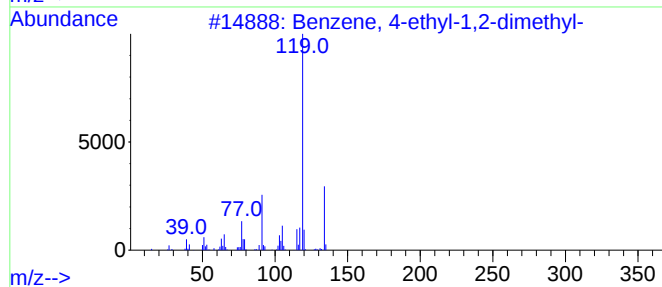
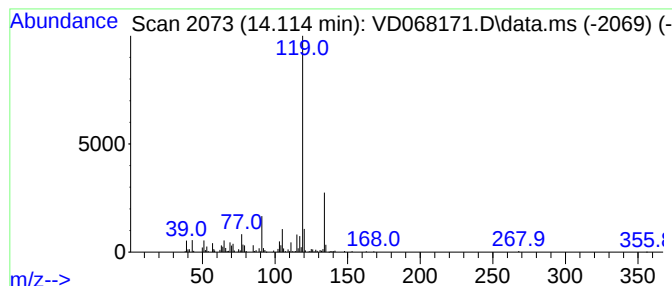
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.114	49.29 ug/l	226980	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068171.D
Acq On : 25 Jan 2021 15:57
Operator : VA/SY
Sample : M1218-01
Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
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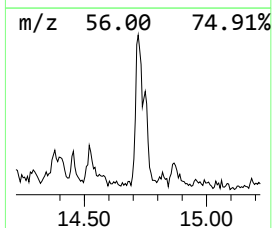
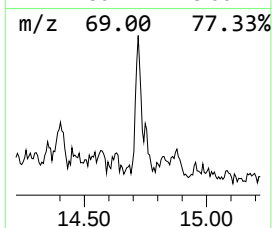
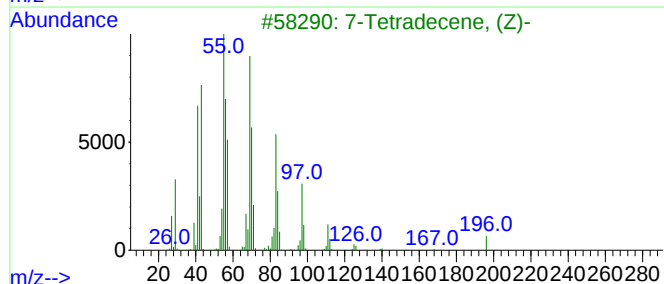
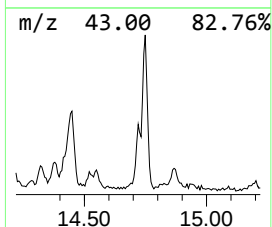
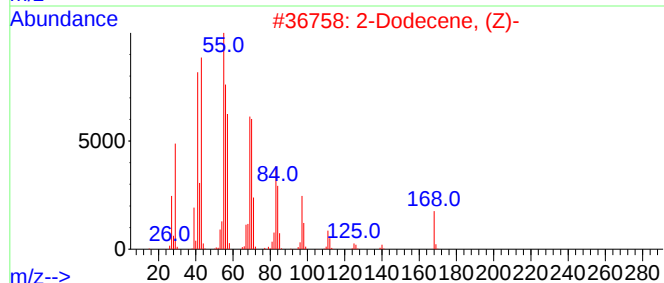
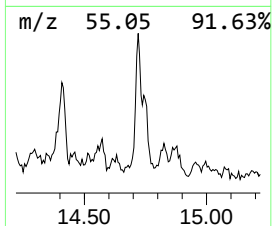
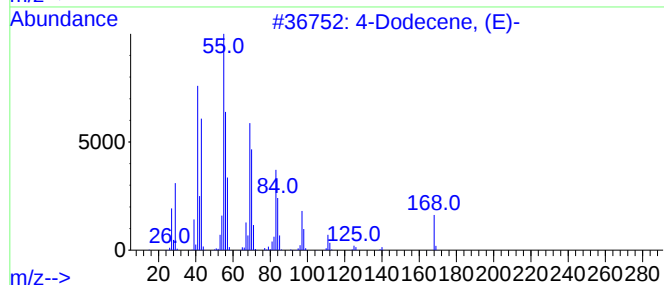
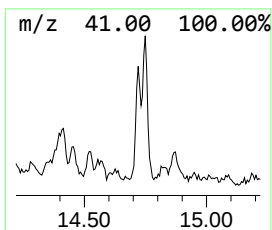
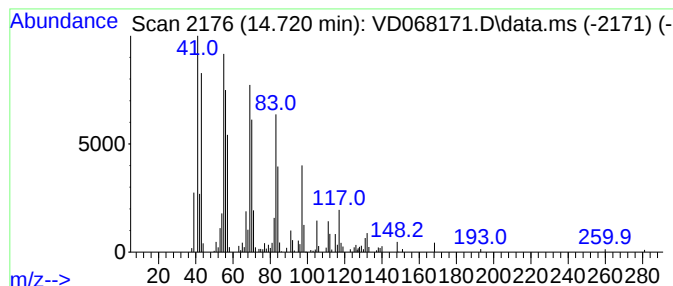
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 4-Dodecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	52.55 ug/l	242008	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Dodecene, (E)-	168	C12H24	007206-15-7	87
2			2-Dodecene, (Z)-	168	C12H24	007206-26-0	83
3			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	83
4			7-Tetradecene, (E)-	196	C14H28	041446-63-3	80
5			3-Tetradecene, (Z)-	196	C14H28	041446-67-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068171.D
Acq On : 25 Jan 2021 15:57
Operator : VA/SY
Sample : M1218-01
Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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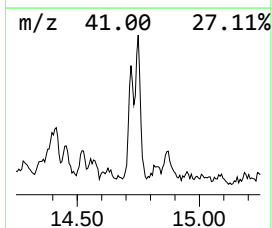
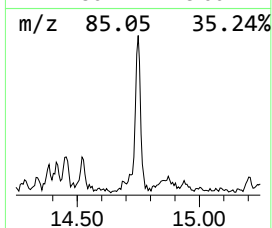
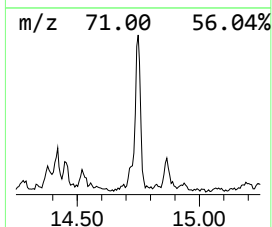
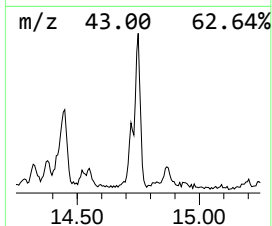
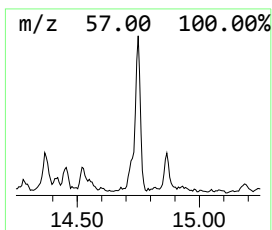
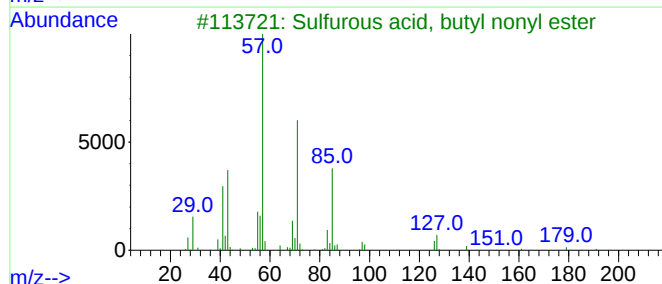
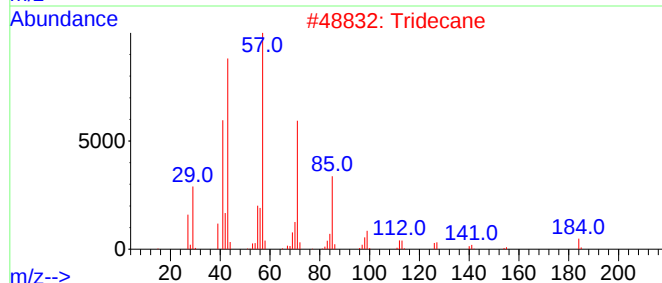
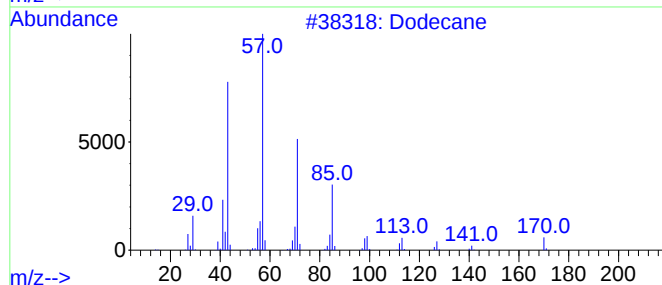
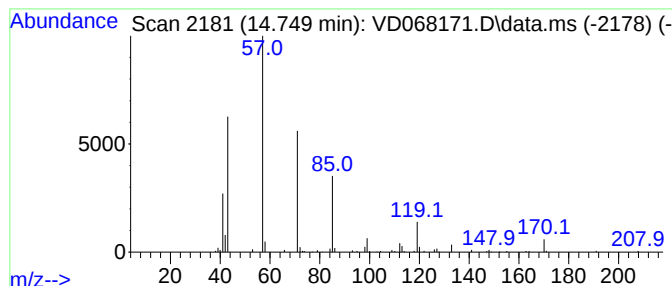
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	68.75 ug/l	316616	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	64
2			Tridecane	184	C13H28	000629-50-5	53
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068171.D
Acq On : 25 Jan 2021 15:57
Operator : VA/SY
Sample : M1218-01
Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-ethy...	12.885	44.1	ug/l	203256	4	13.573	230256	50.0
.alpha.-Methyls...	13.137	105.8	ug/l	487092	4	13.573	230256	50.0
Decane, 4-methyl-	13.185	44.2	ug/l	203433	4	13.573	230256	50.0
unknown13.326	13.326	51.3	ug/l	236259	4	13.573	230256	50.0
1-Hexanol, 2-et...	13.667	170.1	ug/l	783292	4	13.573	230256	50.0
Undecane	13.896	168.3	ug/l	775027	4	13.573	230256	50.0
Benzene, 4-ethy...	14.114	49.3	ug/l	226980	4	13.573	230256	50.0
4-Dodecene, (E)-	14.720	52.5	ug/l	242008	4	13.573	230256	50.0
Dodecane	14.749	68.8	ug/l	316616	4	13.573	230256	50.0