

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002643.D
 Acq On : 08 May 2020 15:22
 Operator : SY/MD
 Sample : L2506-01
 Misc : 3.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-050720

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.749	486	494	501	rVB7	1041	3054	1.60%	0.106%
2	7.742	976	985	990	rBV2	16819	39658	20.80%	1.370%
3	7.809	990	996	1006	rVB	33217	74634	39.15%	2.579%
4	8.163	1046	1054	1062	rVV2	16718	36576	19.18%	1.264%
5	8.706	1134	1143	1154	rBV	48365	98885	51.87%	3.417%
6	10.193	1380	1387	1394	rBV	76474	135227	70.93%	4.672%
7	11.504	1596	1602	1607	rVB	67392	110216	57.81%	3.808%
8	12.491	1758	1764	1768	rBV2	59879	117275	61.51%	4.052%
9	13.436	1914	1919	1927	rVB	55252	90532	47.49%	3.128%
10	13.668	1955	1957	1960	rBV4	4043	5810	3.05%	0.201%
11	13.759	1967	1972	1977	rBV5	17095	27997	14.68%	0.967%
12	13.979	2006	2008	2011	rVB2	10301	10661	5.59%	0.368%
13	14.089	2022	2026	2031	rBV6	10607	20145	10.57%	0.696%
14	14.387	2071	2075	2079	rBV7	9217	13559	7.11%	0.468%
15	14.430	2079	2082	2086	rVB2	8784	10462	5.49%	0.361%
16	14.576	2101	2106	2108	rBV	14426	23354	12.25%	0.807%
17	14.619	2109	2113	2118	rVB	50626	67140	35.22%	2.320%
18	14.692	2118	2125	2129	rBV3	34669	77040	40.41%	2.662%
19	14.741	2129	2133	2138	rVB2	23214	41532	21.78%	1.435%
20	14.839	2146	2149	2155	rVB	21804	30395	15.94%	1.050%
21	14.948	2163	2167	2171	rBV5	17706	29679	15.57%	1.025%
22	15.058	2180	2185	2191	rBV3	22968	47968	25.16%	1.657%
23	15.137	2196	2198	2205	rVB5	20988	36053	18.91%	1.246%
24	15.223	2206	2212	2215	rBV2	36694	76222	39.98%	2.634%
25	15.302	2220	2225	2229	rBV	27905	42438	22.26%	1.466%
26	15.357	2229	2234	2244	rBV5	27871	82143	43.09%	2.838%
27	15.442	2244	2248	2256	rVB	117865	190651	100.00%	6.587%
28	15.534	2257	2263	2271	rBV4	41481	105656	55.42%	3.651%
29	15.613	2271	2276	2281	rVB4	20688	37419	19.63%	1.293%
30	15.698	2283	2290	2291	rBV4	29096	46845	24.57%	1.619%
31	15.735	2292	2296	2303	rVB2	100494	173614	91.06%	5.999%
32	15.893	2317	2322	2332	rBV5	31207	81032	42.50%	2.800%
33	16.040	2339	2346	2351	rBV3	70473	153924	80.74%	5.318%
34	16.101	2352	2356	2363	rVB7	24405	53675	28.15%	1.855%

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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_Y\METHODS\82Y043020S.M
Title : SW846 8260

35	16.168	2363	2367	2371	rBV3	24699	43307	22.72%	1.496%
36	16.235	2372	2378	2384	rVV2	82685	178596	93.68%	6.171%
37	16.302	2384	2389	2394	rVV3	59589	121805	63.89%	4.209%
38	16.369	2395	2400	2409	rVB	85095	166594	87.38%	5.756%
39	16.497	2415	2421	2427	rBV5	38932	113060	59.30%	3.906%
40	16.637	2438	2444	2452	rVB4	30933	79423	41.66%	2.744%

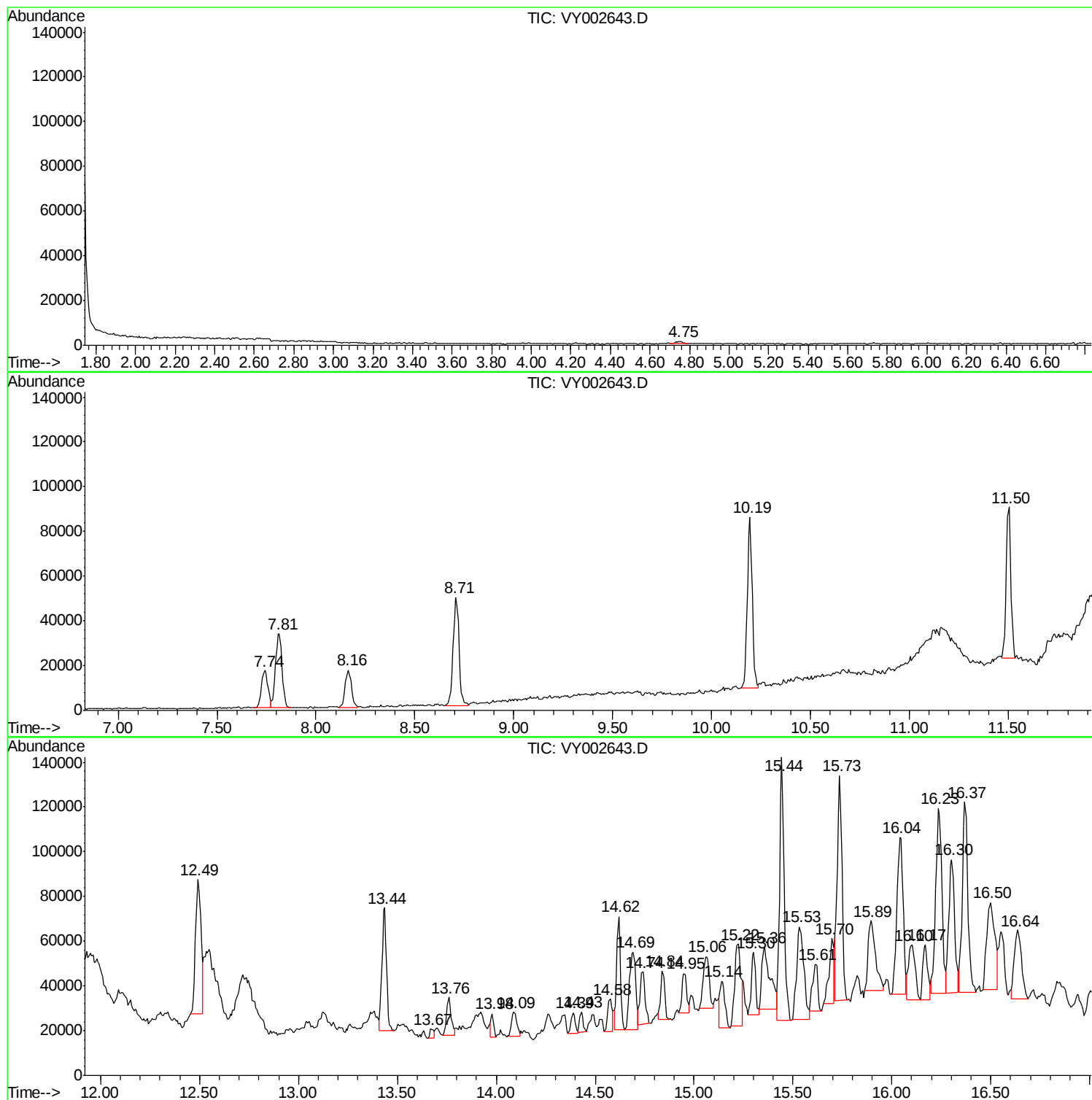
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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



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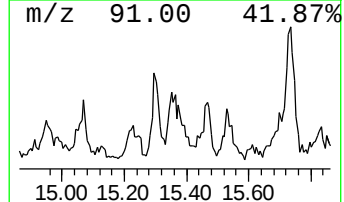
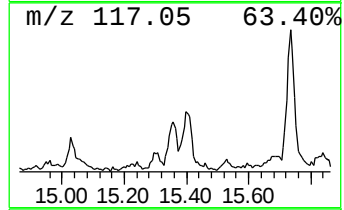
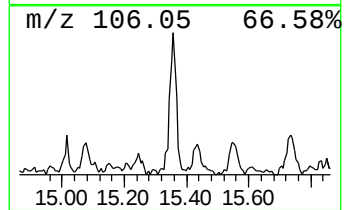
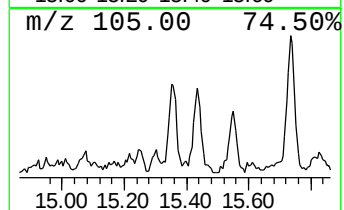
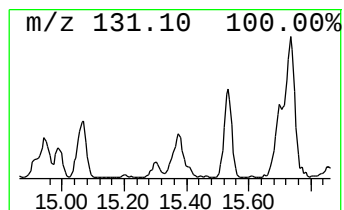
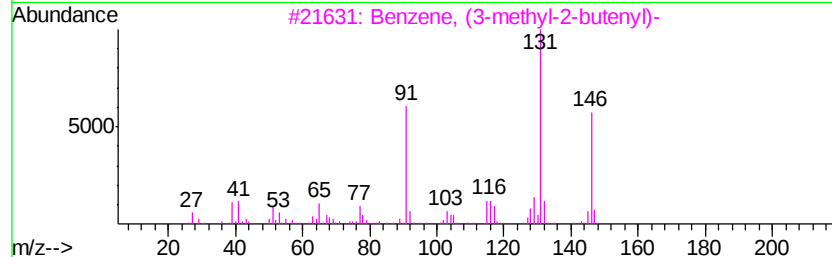
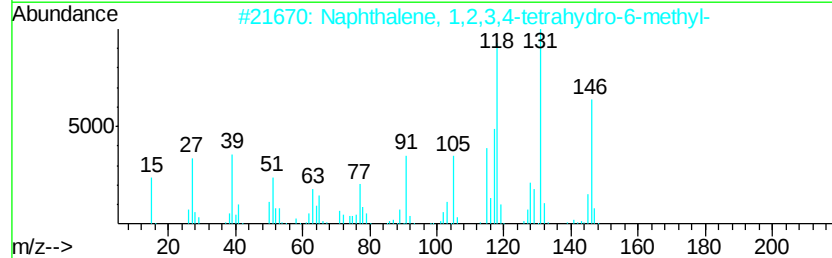
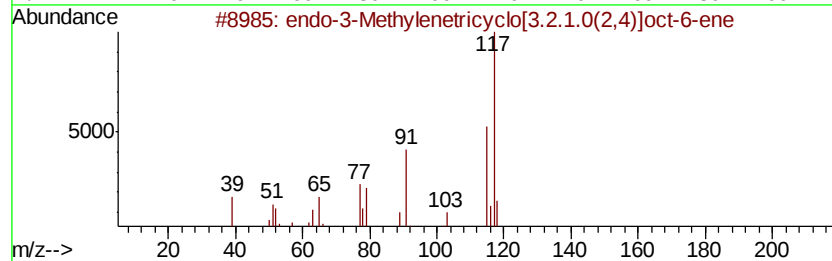
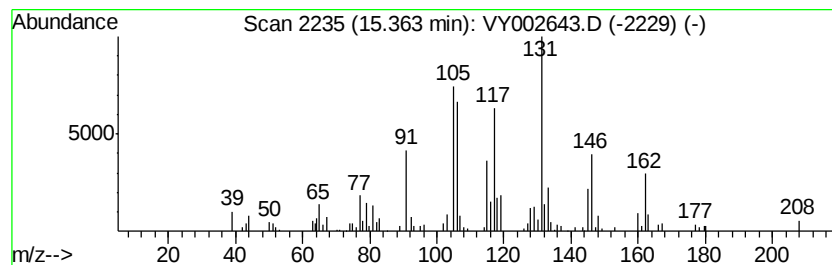
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown15.36 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	45.37 ug/l	82143	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	endo-3-Methylenetricyclo[3.2.1.0...	118	C9H10	1000139-15-5	45
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	42
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38
5		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	35



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Misc : 3.92G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-050720

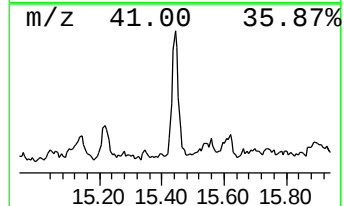
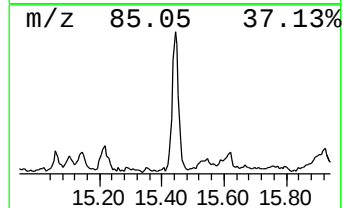
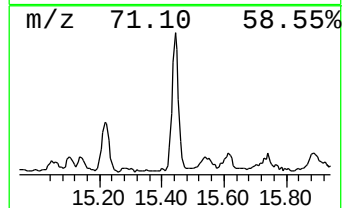
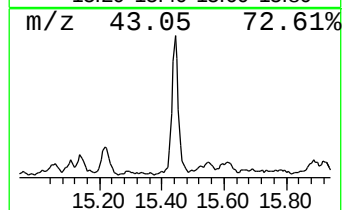
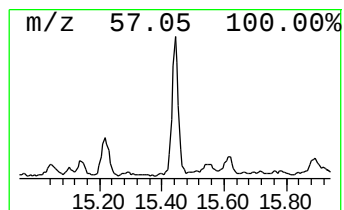
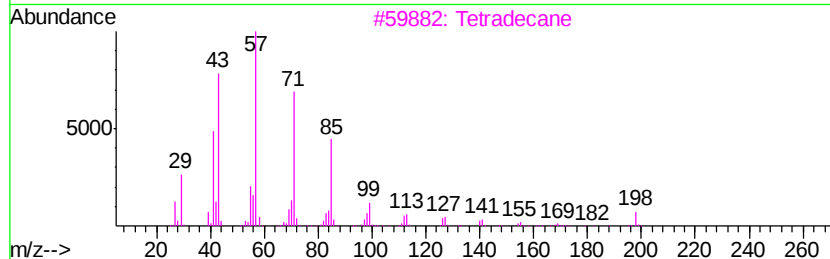
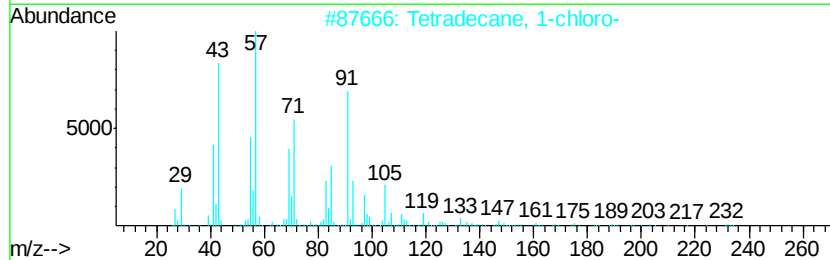
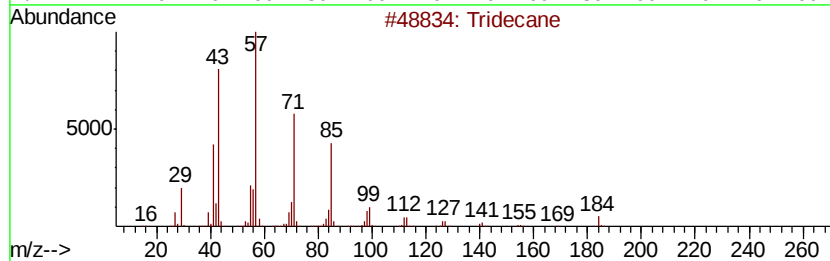
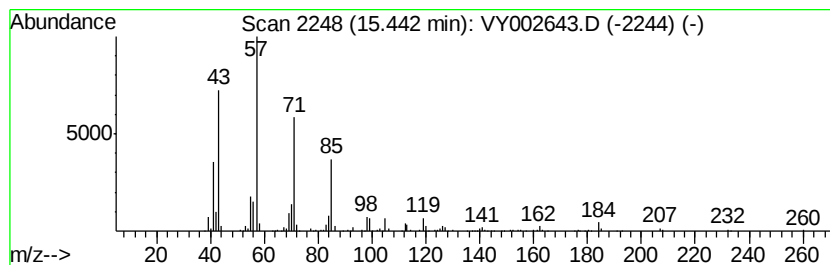
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	105.30 ug/l	190651	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Dodecane	170	C12H26	000112-40-3	80



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ALS Vial : 12 Sample Multiplier: 1

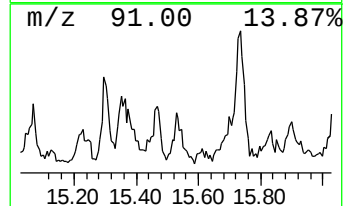
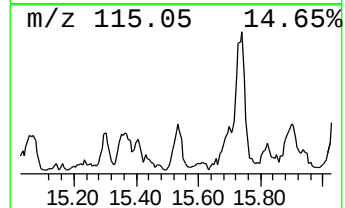
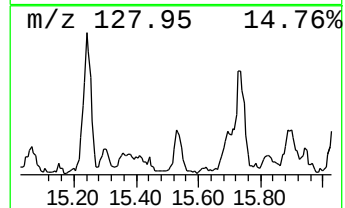
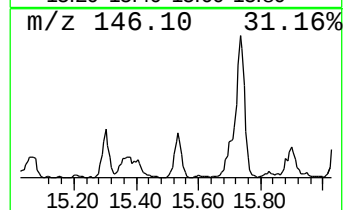
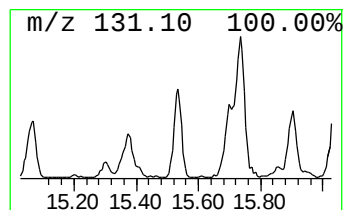
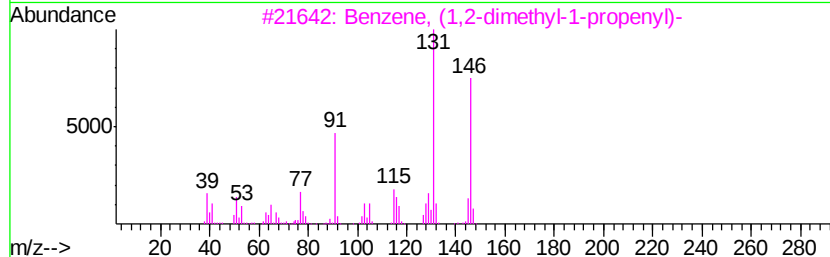
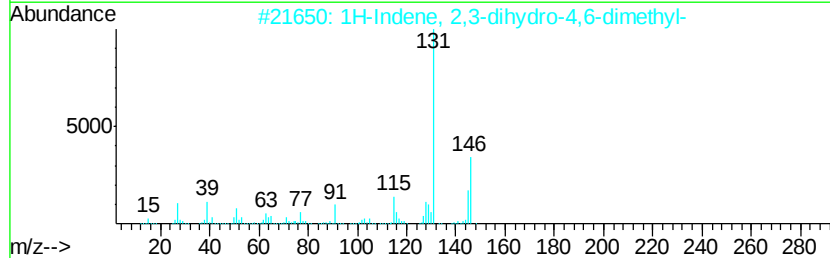
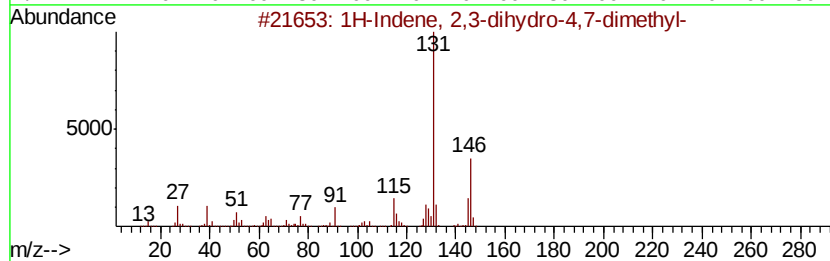
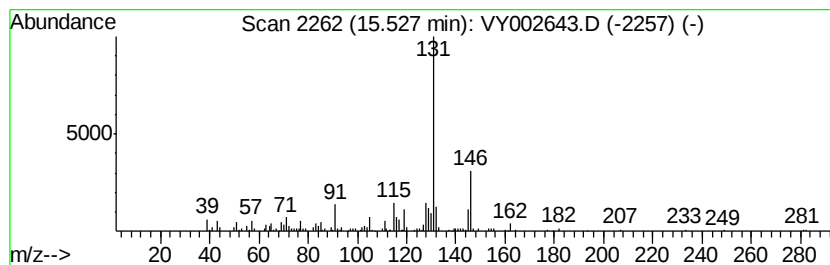
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	58.35 ug/l	105656	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146 C11H14	001685-82-1	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8	93
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146 C11H14	001075-22-5	91



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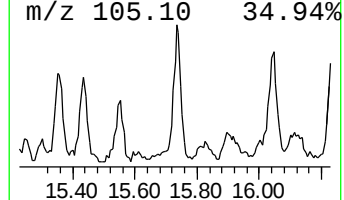
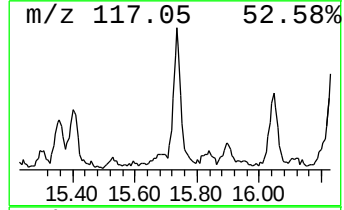
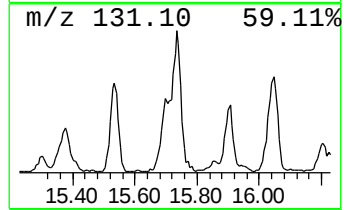
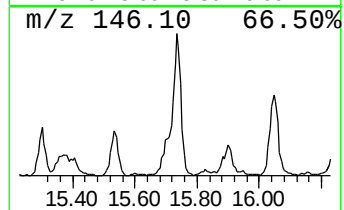
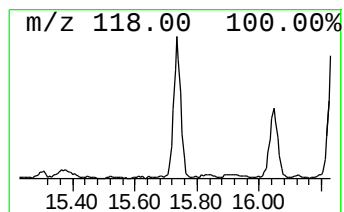
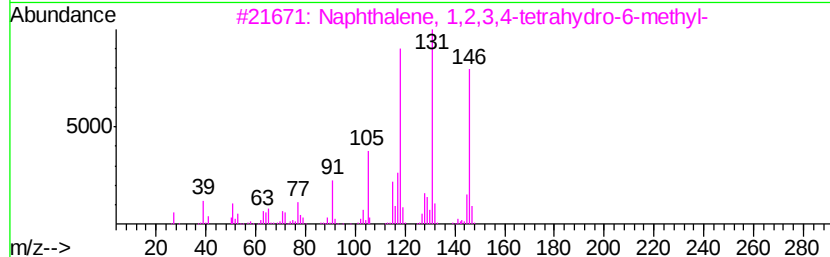
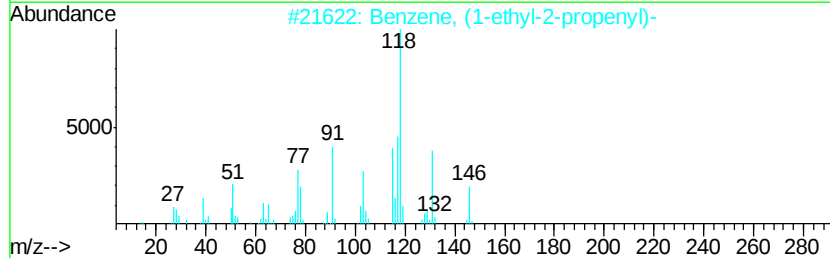
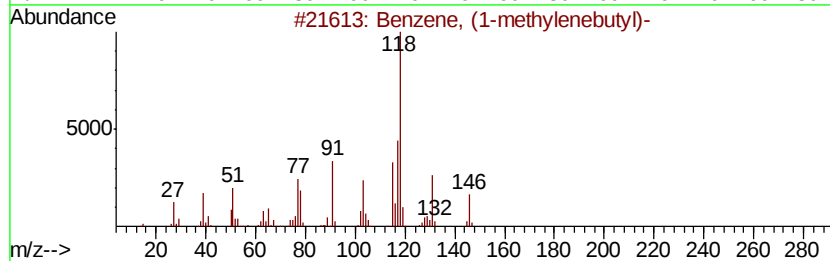
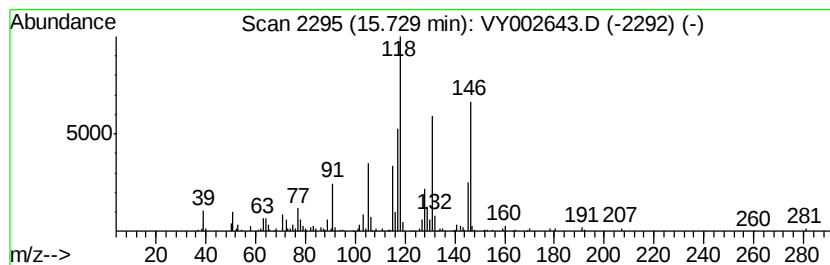
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-methylenebutyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	95.89 ug/l	173614	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	80
2		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	59
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	53
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49



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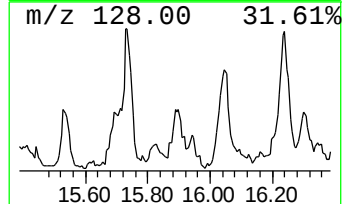
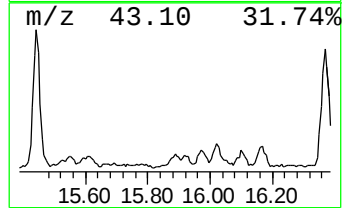
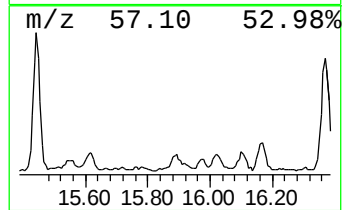
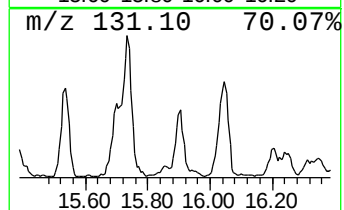
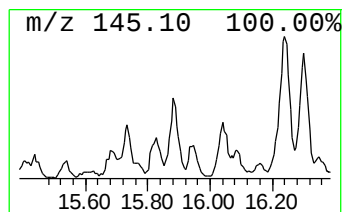
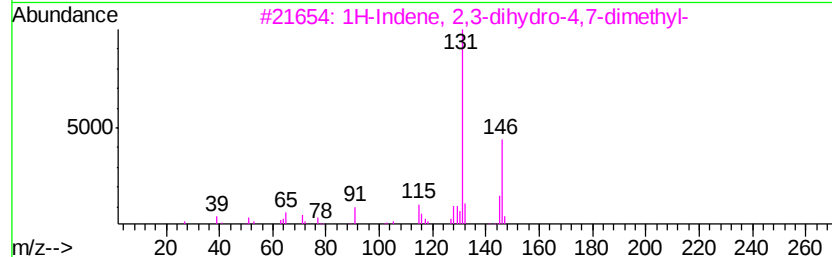
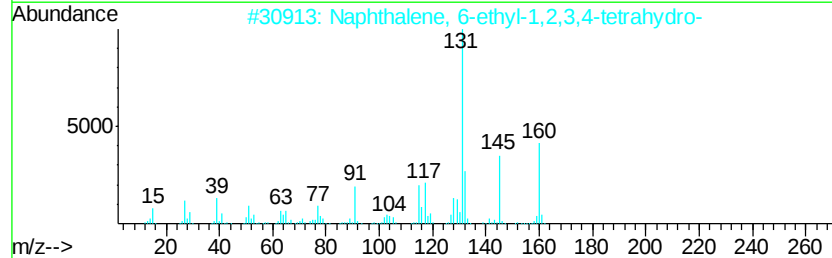
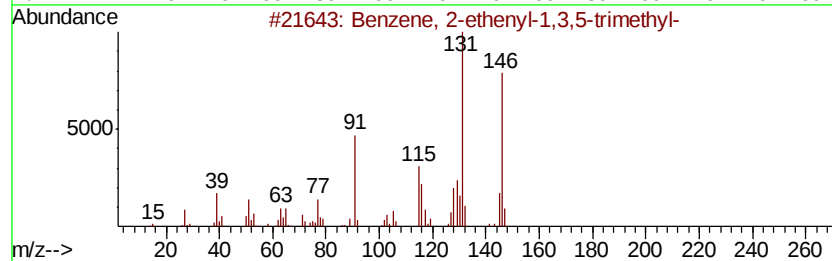
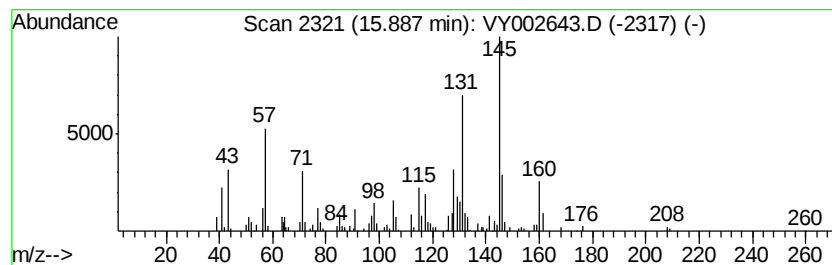
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	44.75 ug/l	81032	1,4-Dichlorobenzene-d4	13.44

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	68
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	52
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002643.D
Acq On : 08 May 2020 15:22
Operator : SY/MD
Sample : L2506-01
Misc : 3.92G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

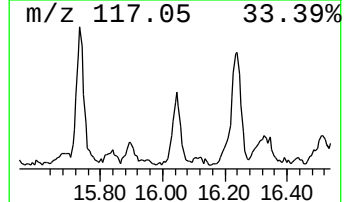
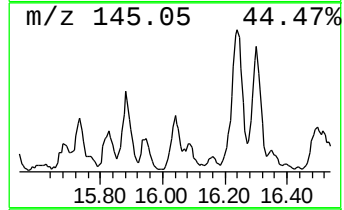
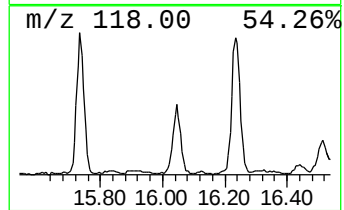
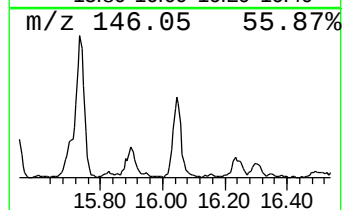
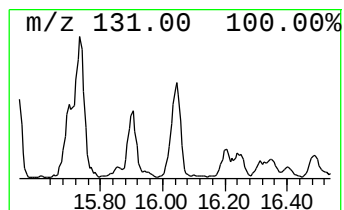
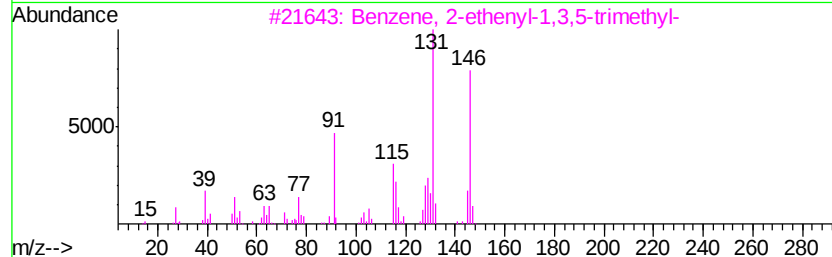
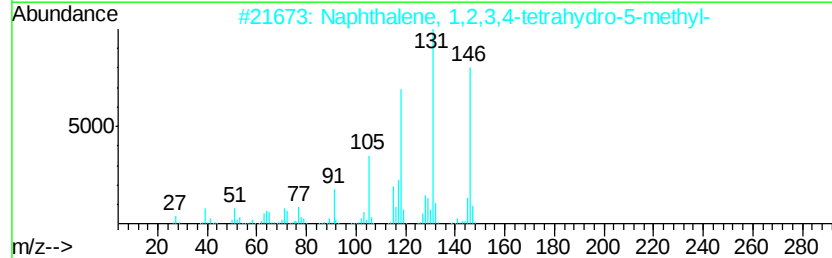
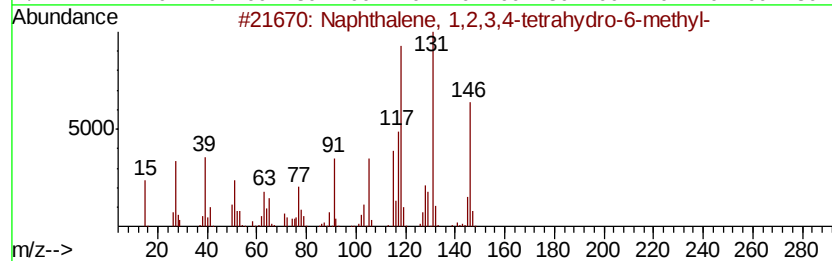
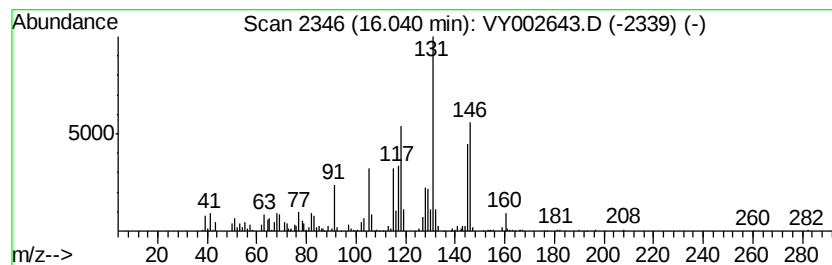
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	85.01 ug/l	153924	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
4		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002643.D
Acq On : 08 May 2020 15:22
Operator : SY/MD
Sample : L2506-01
Misc : 3.92G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

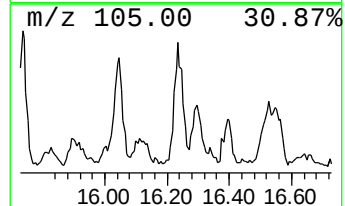
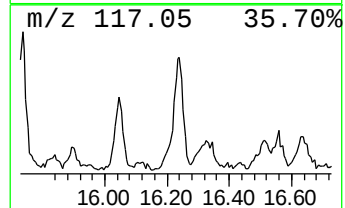
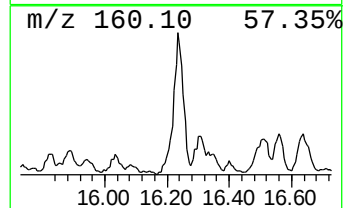
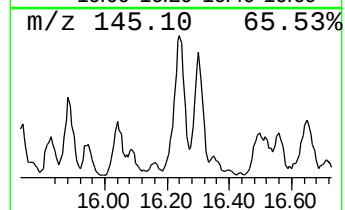
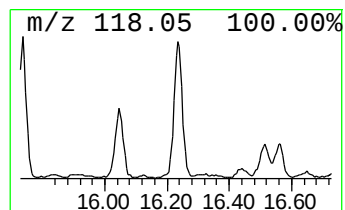
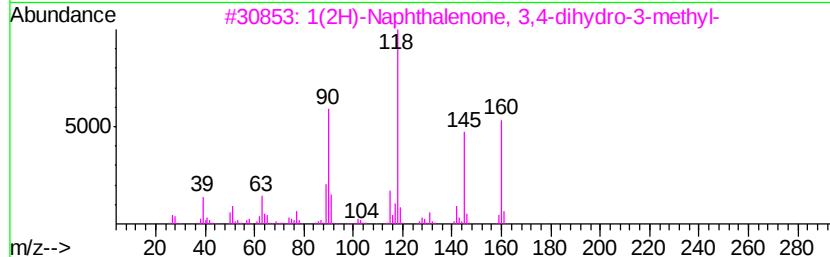
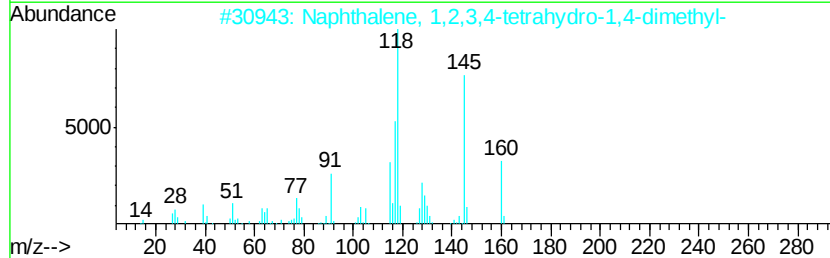
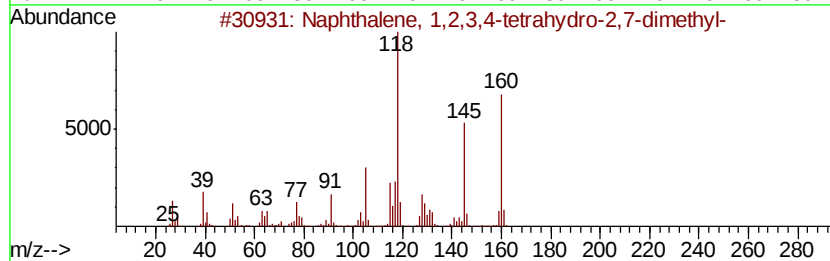
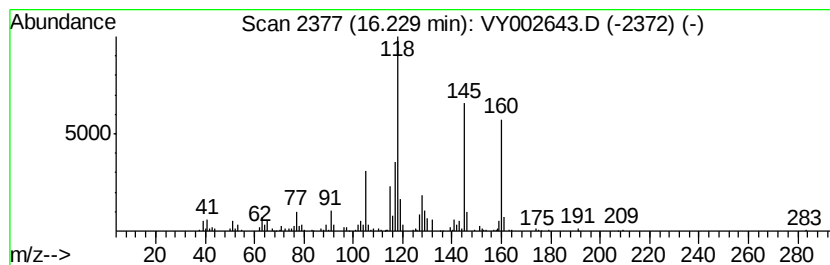
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	98.64 ug/l	178596	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
3		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	72
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002643.D
Acq On : 08 May 2020 15:22
Operator : SY/MD
Sample : L2506-01
Misc : 3.92G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

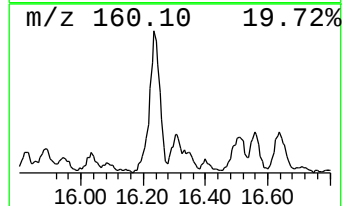
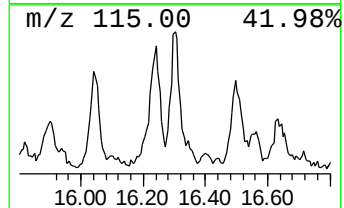
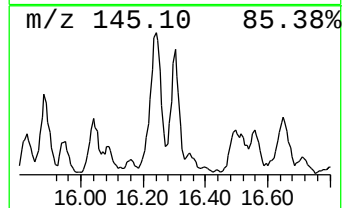
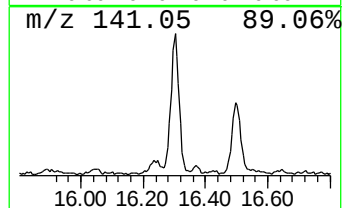
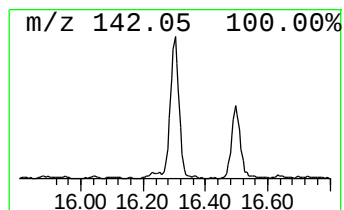
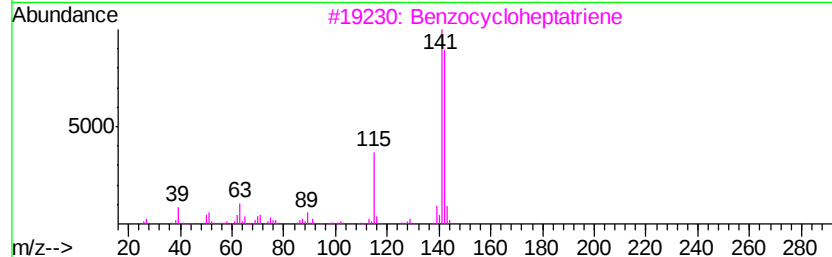
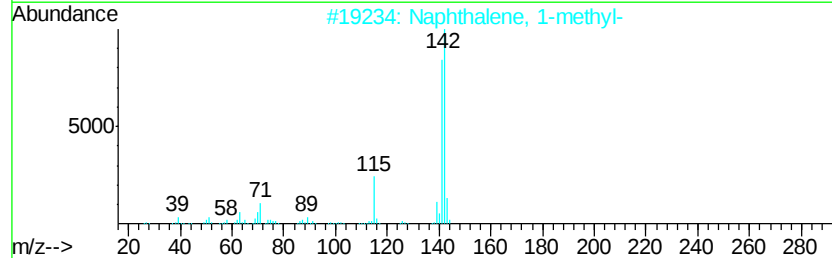
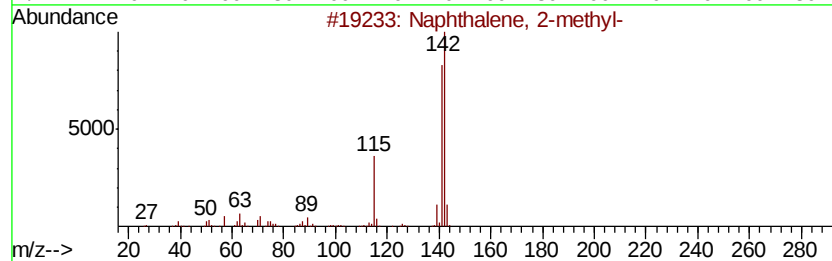
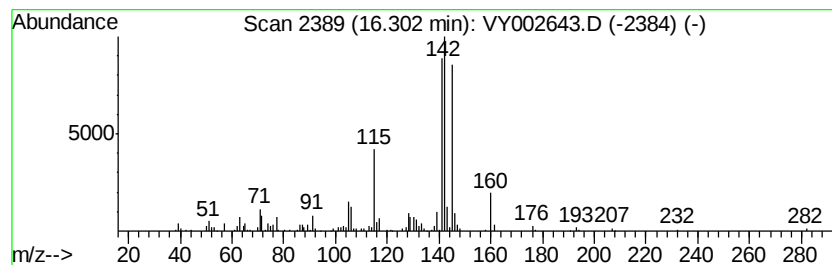
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	67.27 ug/l	121805	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	78
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	78
3		Benzocycloheptatriene	142	C11H10	000264-09-5	53
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	53
5		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002643.D
Acq On : 08 May 2020 15:22
Operator : SY/MD
Sample : L2506-01
Misc : 3.92G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

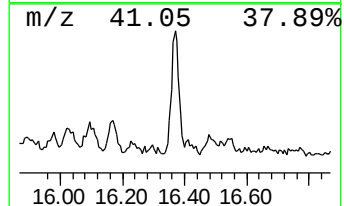
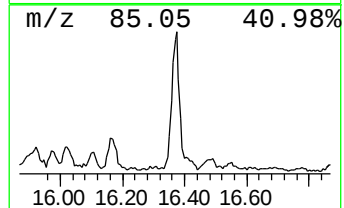
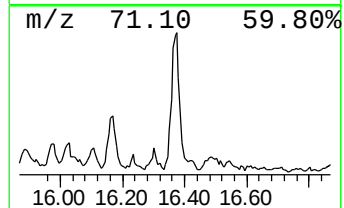
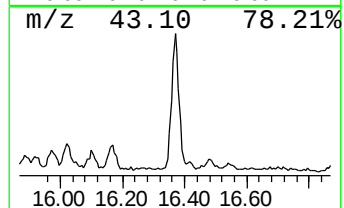
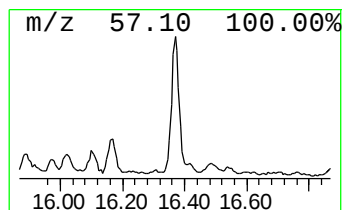
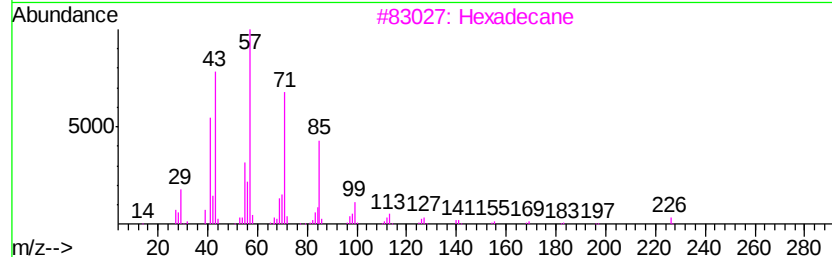
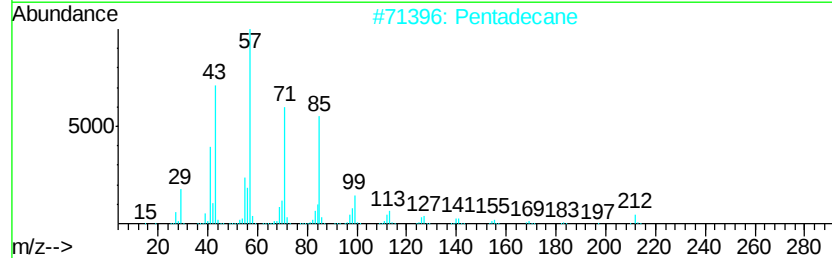
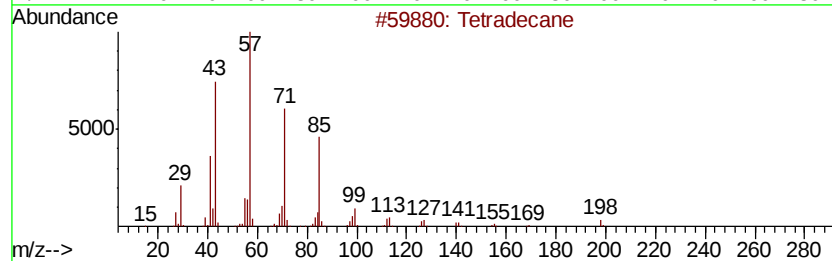
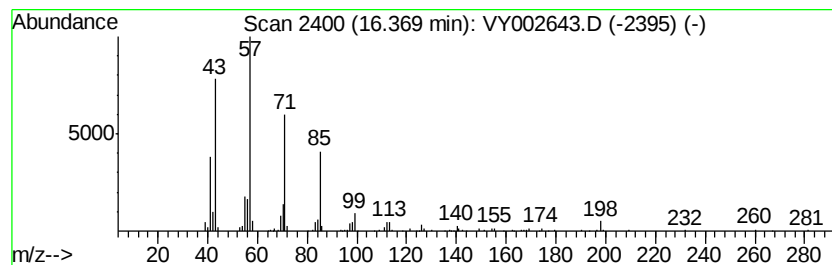
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 9 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	92.01 ug/l	166594	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexadecane	226	C16H34	000544-76-3	83
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY050820\
Data File : VY002643.D
Acq On : 08 May 2020 15:22
Operator : SY/MD
Sample : L2506-01
Misc : 3.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.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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Tridecane	15.44	105.3	ug/l	190651	4	13.44	90532	50.0
1H-Indene, 2,3-di...	15.53	58.4	ug/l	105656	4	13.44	90532	50.0
Benzene, (1-methy...	15.73	95.9	ug/l	173614	4	13.44	90532	50.0
Benzene, 2-etheny...	15.89	44.8	ug/l	81032	4	13.44	90532	50.0
Naphthalene, 1,2,...	16.04	85.0	ug/l	153924	4	13.44	90532	50.0
Naphthalene, 1,2,...	16.23	98.6	ug/l	178596	4	13.44	90532	50.0
Naphthalene, 1-me...	16.30	67.3	ug/l	121805	4	13.44	90532	50.0
Tetradecane	16.37	92.0	ug/l	166594	4	13.44	90532	50.0