

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002648.D
 Acq On : 08 May 2020 17:57
 Operator : SY/MD
 Sample : L2506-01
 Misc : 5.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 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	1.871	19	22	37	rVB3	9084	20357	1.31%	0.112%
2	2.402	104	109	117	rVB2	11156	19350	1.24%	0.107%
3	3.188	230	238	246	rBV	8811	20036	1.29%	0.111%
4	3.273	246	252	260	rVB2	13486	30690	1.97%	0.169%
5	3.859	340	348	359	rVB	6563	17461	1.12%	0.096%
6	4.749	483	494	507	rBV2	10144	32294	2.08%	0.178%
7	6.736	809	820	829	rBV4	5937	16737	1.08%	0.092%
8	7.742	974	985	991	rBV	220738	534111	34.33%	2.949%
9	7.815	991	997	1010	rVB	424997	950726	61.10%	5.249%
10	8.163	1046	1054	1064	rBV	193267	426441	27.41%	2.354%
11	8.565	1114	1120	1133	rBV4	6203	16391	1.05%	0.090%
12	8.711	1133	1144	1154	rBV	591189	1176397	75.61%	6.494%
13	9.284	1231	1238	1248	rBV3	41351	89063	5.72%	0.492%
14	10.193	1378	1387	1393	rBV	917542	1555958	100.00%	8.590%
15	10.260	1393	1398	1403	rVB	88560	147654	9.49%	0.815%
16	10.382	1410	1418	1422	rBV3	17652	29273	1.88%	0.162%
17	10.614	1448	1456	1460	rBV4	10521	22499	1.45%	0.124%
18	10.943	1505	1510	1519	rBV	674007	1065334	68.47%	5.881%
19	11.120	1529	1539	1540	rBV3	15571	39479	2.54%	0.218%
20	11.497	1595	1601	1608	rBV	714037	1190669	76.52%	6.573%
21	11.601	1614	1618	1623	rBV	21448	29885	1.92%	0.165%
22	11.711	1630	1636	1641	rBV2	68009	143161	9.20%	0.790%
23	11.894	1662	1666	1672	rBV2	86370	197031	12.66%	1.088%
24	12.113	1698	1702	1712	rVB2	42999	83597	5.37%	0.462%
25	12.217	1714	1719	1725	rBV2	58714	97247	6.25%	0.537%
26	12.491	1750	1764	1768	rBV	622569	1138850	73.19%	6.287%
27	12.741	1791	1805	1813	rBV5	163012	683834	43.95%	3.775%
28	12.814	1813	1817	1823	rVB2	113764	198605	12.76%	1.096%
29	12.918	1831	1834	1838	rBV	15935	24323	1.56%	0.134%
30	12.979	1838	1844	1848	rVV	153124	248469	15.97%	1.372%
31	13.040	1848	1854	1860	rVV3	139473	262834	16.89%	1.451%
32	13.125	1864	1868	1873	rVV	148346	256150	16.46%	1.414%
33	13.174	1873	1876	1882	rVB2	48708	73303	4.71%	0.405%
34	13.278	1887	1893	1898	rBV4	79033	169368	10.89%	0.935%

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Instrument :
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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.436	1914	1919	1928	rVB2	630923	1112107	71.47%	6.140%
36	13.509	1928	1931	1940	rVB8	19604	36504	2.35%	0.202%
37	13.631	1947	1951	1955	rBV2	73136	91708	5.89%	0.506%
38	13.674	1955	1958	1965	rVB4	44431	74866	4.81%	0.413%
39	13.759	1966	1972	1976	rBV	126274	227713	14.63%	1.257%
40	13.899	1991	1995	1996	rBV	36871	50334	3.23%	0.278%
41	13.979	2004	2008	2013	rVB2	76413	124401	8.00%	0.687%
42	14.088	2021	2026	2035	rBV4	119200	248082	15.94%	1.370%
43	14.217	2040	2047	2052	rBV4	162254	328103	21.09%	1.811%
44	14.345	2065	2068	2072	rVB2	62212	82788	5.32%	0.457%
45	14.430	2079	2082	2085	rBV2	33937	44658	2.87%	0.247%
46	14.527	2096	2098	2102	rVB3	28447	31453	2.02%	0.174%
47	14.576	2102	2106	2110	rBV3	59543	88629	5.70%	0.489%
48	14.619	2110	2113	2118	rVB	125744	171231	11.00%	0.945%
49	14.692	2118	2125	2131	rBV5	254423	689904	44.34%	3.809%
50	14.844	2146	2150	2154	rBV	77976	107792	6.93%	0.595%
51	14.954	2164	2168	2172	rBV4	63100	103521	6.65%	0.572%
52	15.064	2180	2186	2191	rBV2	102662	257047	16.52%	1.419%
53	15.247	2207	2216	2222	rBV3	168022	550919	35.41%	3.041%
54	15.302	2222	2225	2229	rVB	78322	119568	7.68%	0.660%
55	15.357	2230	2234	2240	rBV4	59349	121677	7.82%	0.672%
56	15.448	2245	2249	2257	rVB3	115972	224375	14.42%	1.239%
57	15.539	2258	2264	2274	rBV6	99847	370309	23.80%	2.044%
58	15.741	2288	2297	2306	rVB3	203530	515864	33.15%	2.848%
59	15.899	2319	2323	2330	rBV4	42921	81580	5.24%	0.450%
60	16.052	2341	2348	2354	rBV2	123128	296603	19.06%	1.637%
61	16.173	2364	2368	2372	rBV4	36403	58732	3.77%	0.324%
62	16.247	2375	2380	2385	rVV2	99510	192265	12.36%	1.061%
63	16.308	2385	2390	2395	rVV	139205	253389	16.29%	1.399%
64	16.503	2415	2422	2429	rBV	184812	450186	28.93%	2.485%

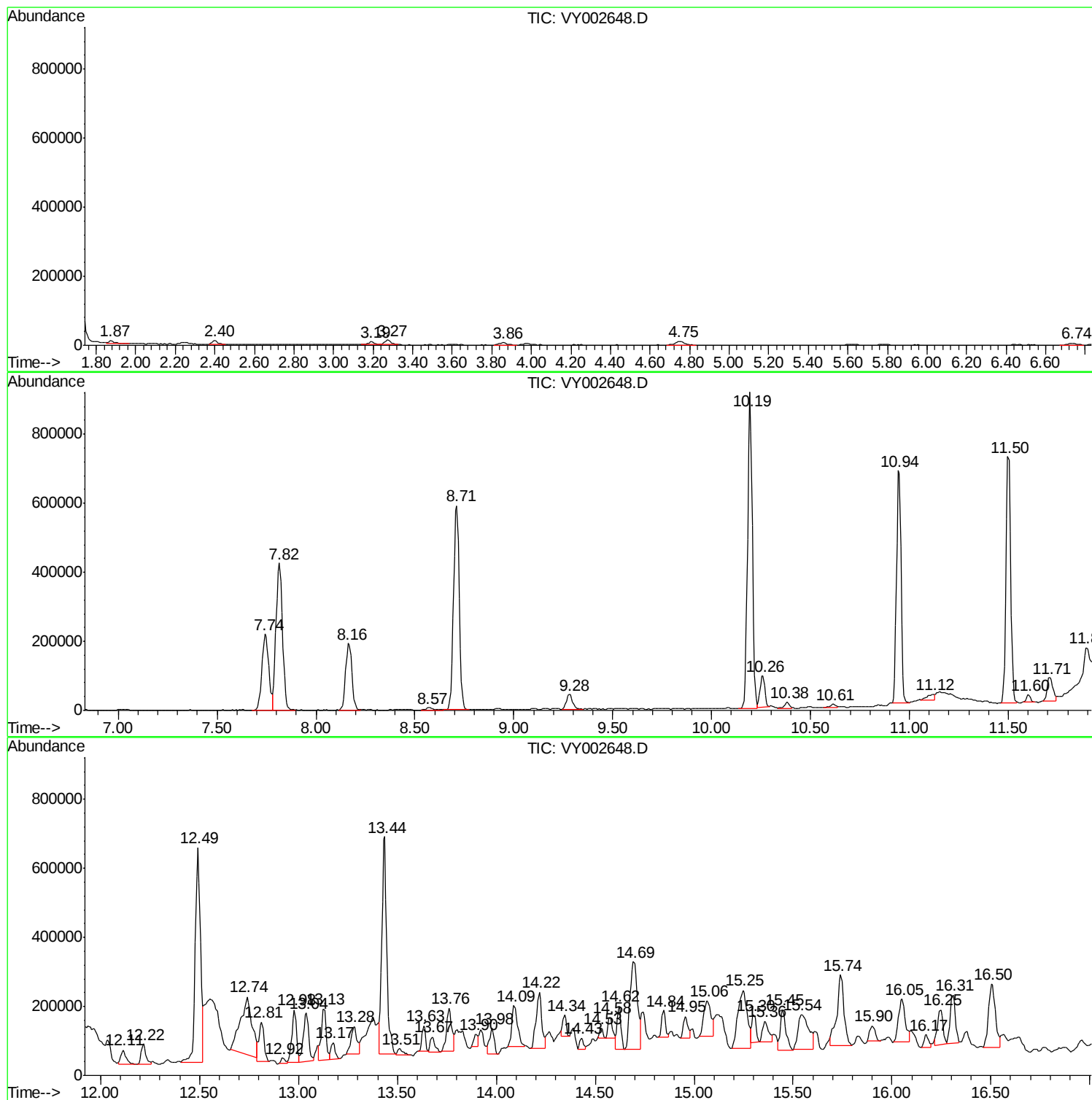
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Quant Title : SW846 8260

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



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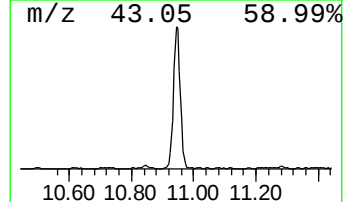
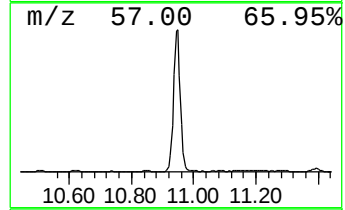
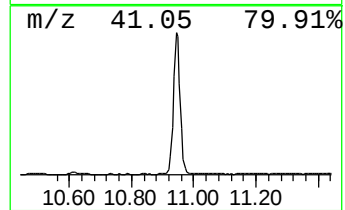
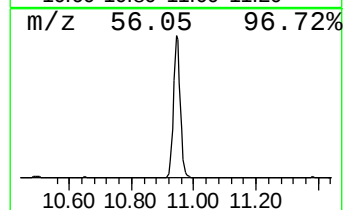
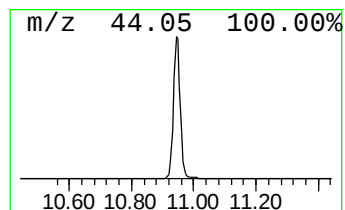
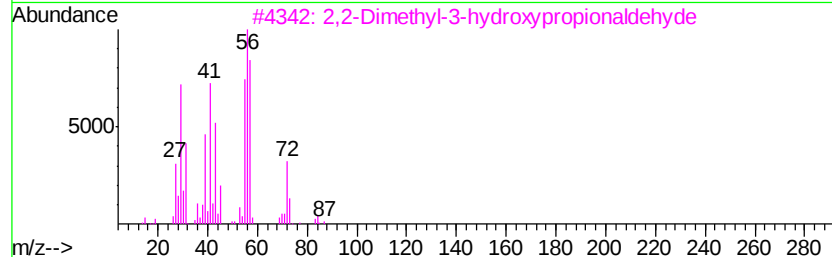
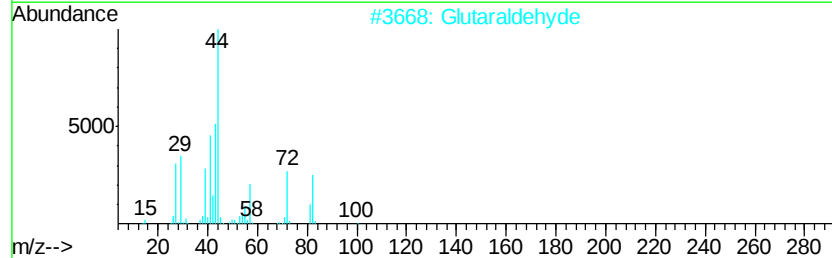
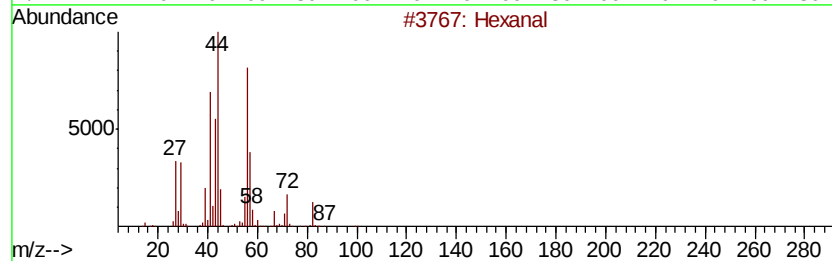
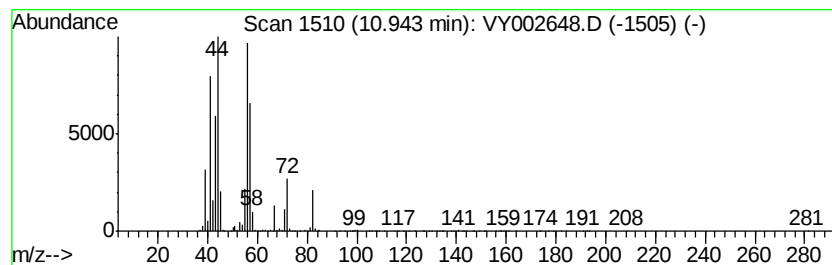
Instrument :
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ClientSampleId :
TR-04-050720

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 1 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.94	44.74 ug/l	1065330	Chlorobenzene-d5		11.50	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	91
2	Glutaraldehyde		100	C5H8O2	000111-30-8	43
3	2,2-Dimethyl-3-hydroxypropionald...		102	C5H10O2	000597-31-9	32
4	Hex-5-enylamine		99	C6H13N	034825-70-2	25
5	Urea, trimethyl-		102	C4H10N2O	000632-14-4	23



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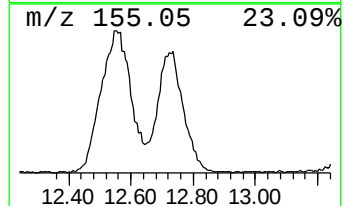
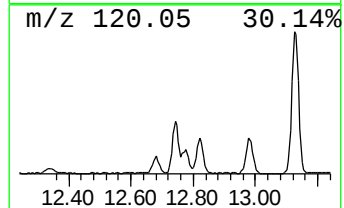
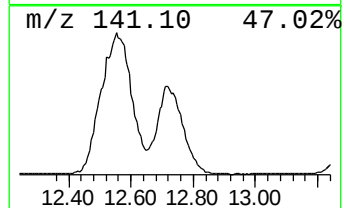
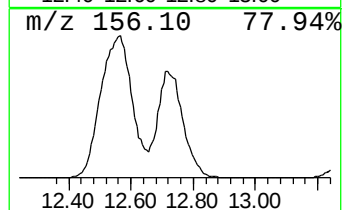
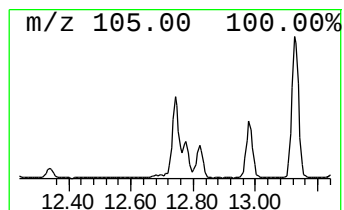
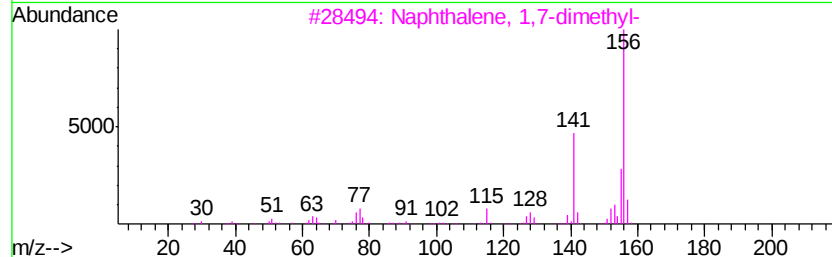
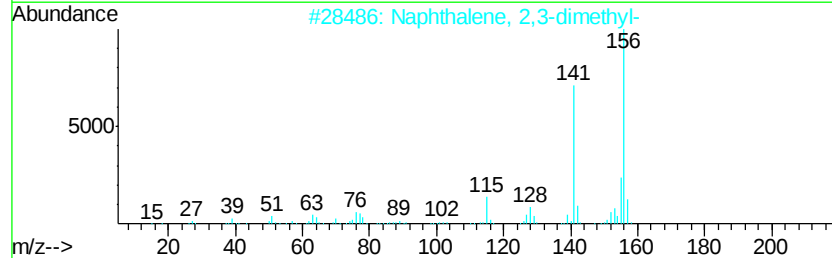
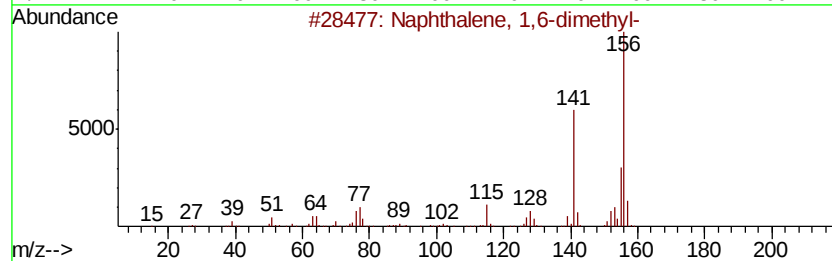
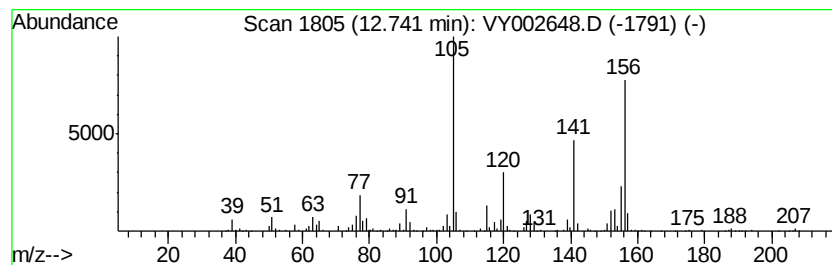
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	30.75 ug/l	683834	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 86
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 86
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 86
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 86



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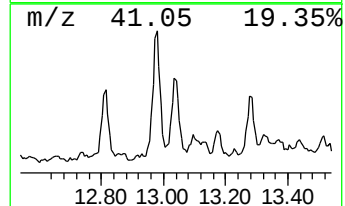
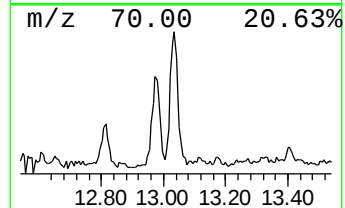
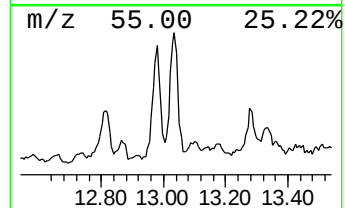
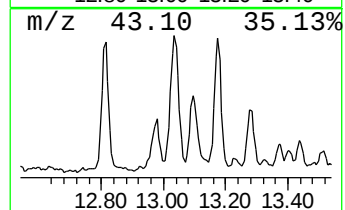
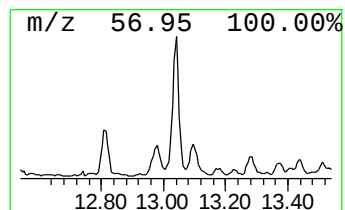
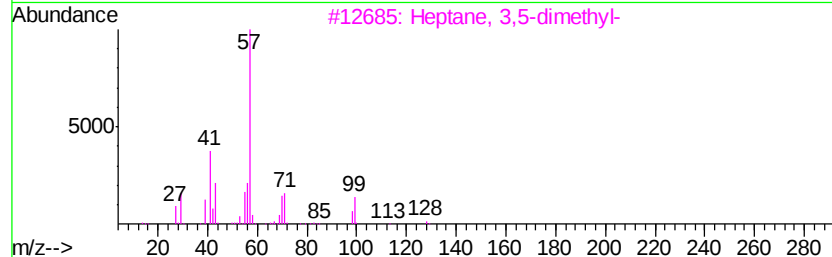
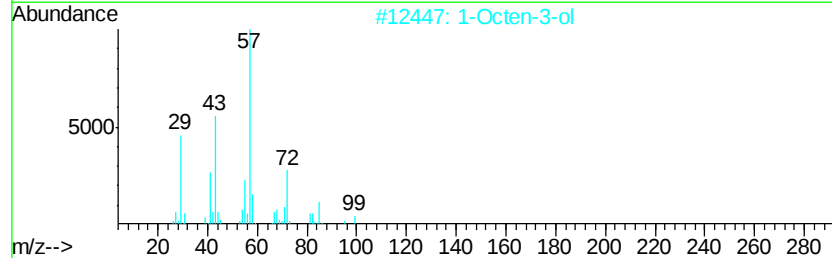
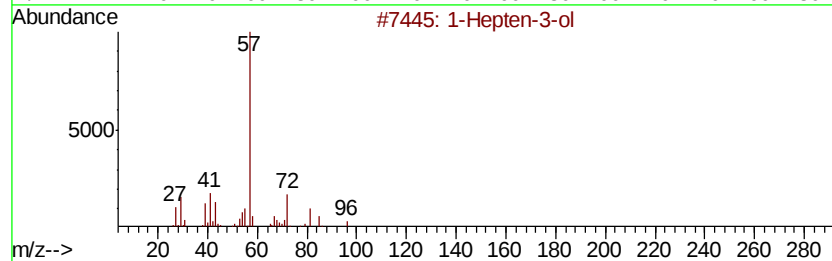
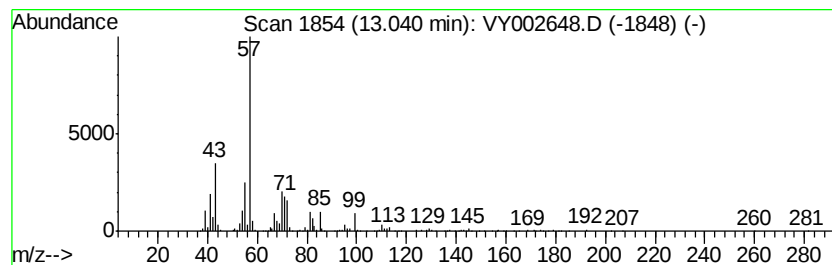
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hepten-3-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	11.82 ug/l	262834	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hepten-3-ol	114 C7H14O	004938-52-7	50
2	1-Octen-3-ol	128 C8H16O	003391-86-4	50
3	Heptane, 3,5-dimethyl-	128 C9H20	000926-82-9	43
4	Heptane, 2,5-dimethyl-	128 C9H20	002216-30-0	35
5	3-Buten-2-ol	72 C4H8O	000598-32-3	35



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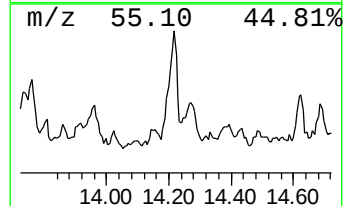
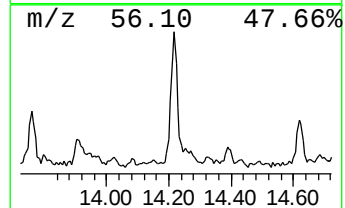
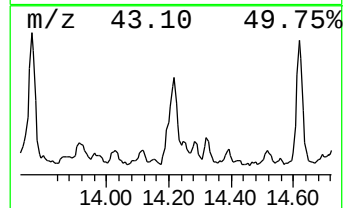
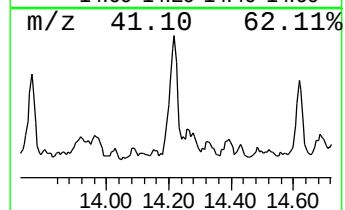
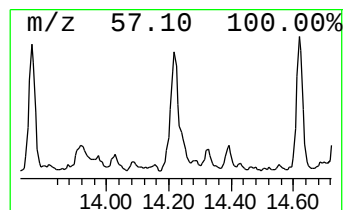
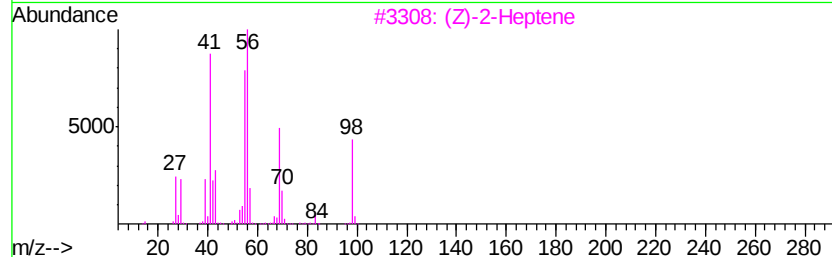
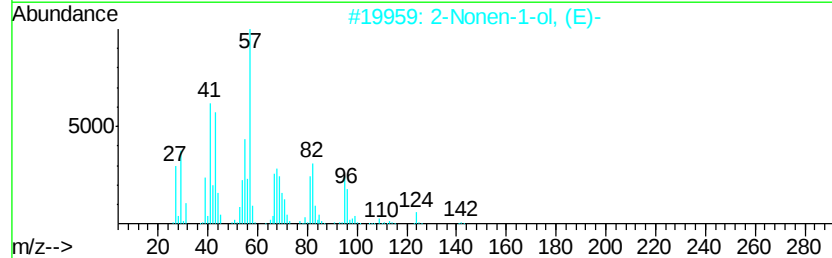
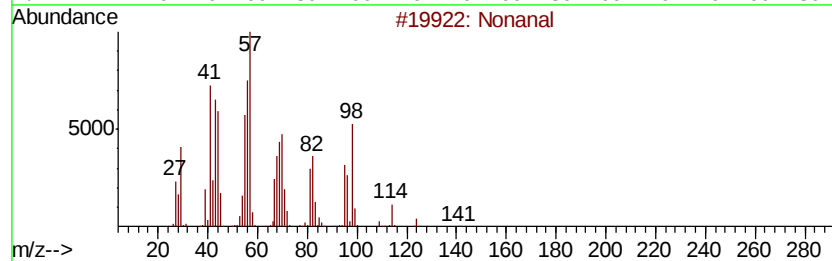
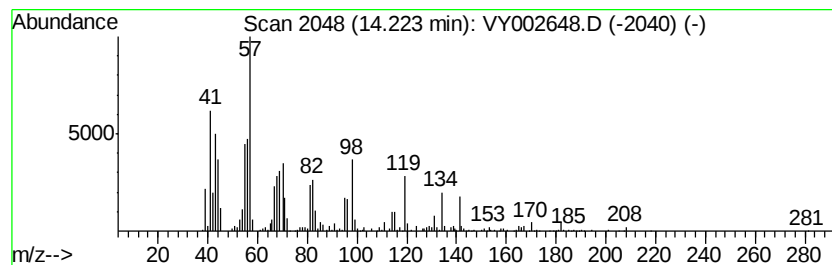
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Peak Number 4 Nonanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	14.75 ug/l	328103	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 81
2	2-Nonen-1-ol, (E)-		142 C9H18O	031502-14-4 38
3	(Z)-2-Heptene		98 C7H14	006443-92-1 18
4	Cyanoic acid, butyl ester		99 C5H9NO	001768-24-7 18
5	1,13-Tetradecadiene		194 C14H26	021964-49-8 15



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ClientSampled :
TR-04-050720

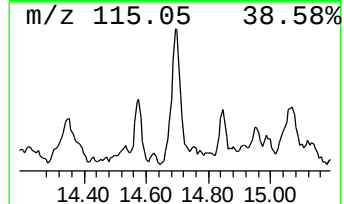
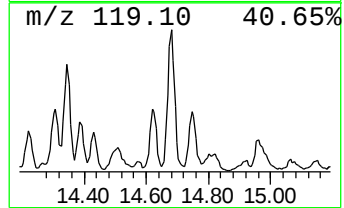
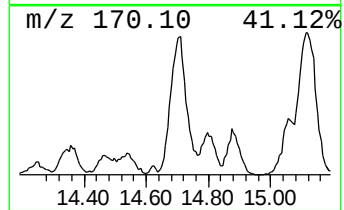
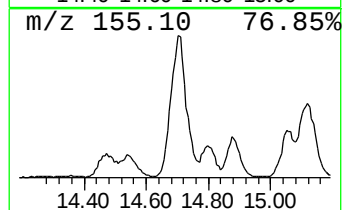
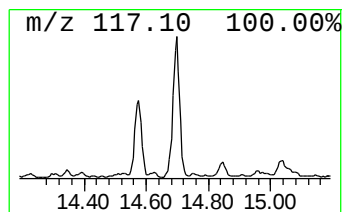
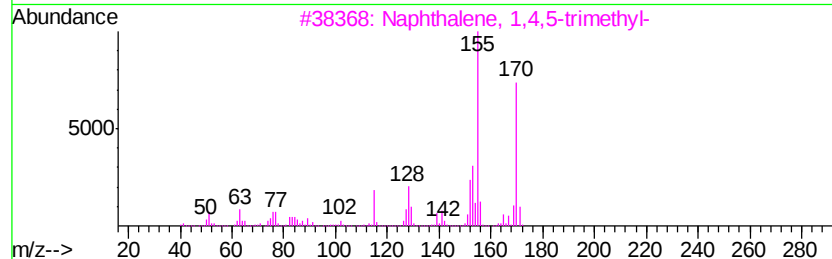
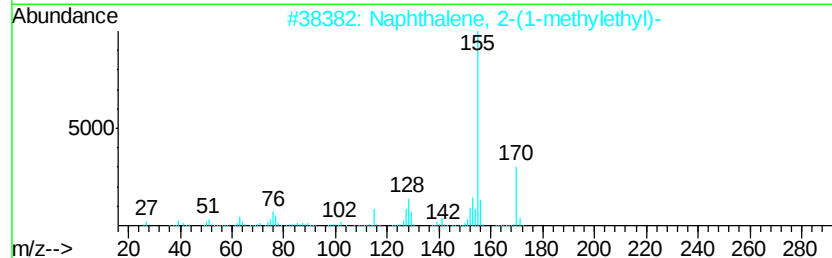
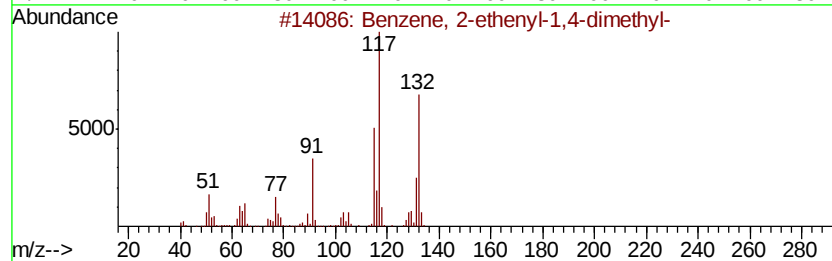
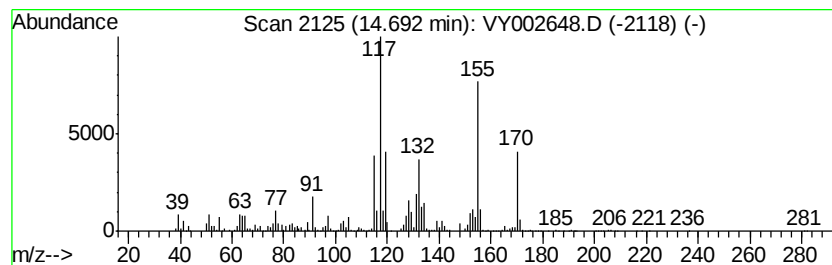
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	31.02 ug/l	689904	1,4-Dichlorobenzene-d4	13.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	42
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	42
5		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002648.D
Acq On : 08 May 2020 17:57
Operator : SY/MD
Sample : L2506-01
Misc : 5.34G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

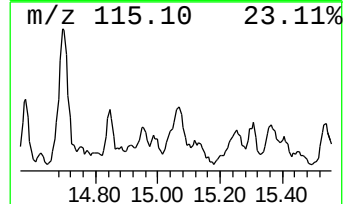
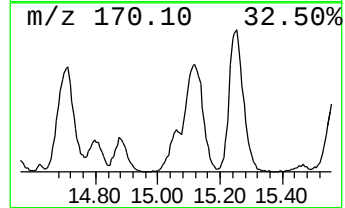
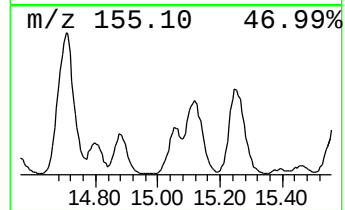
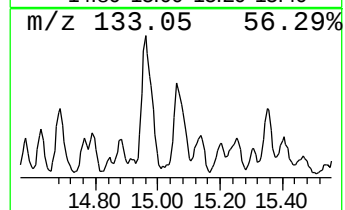
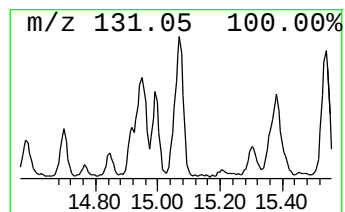
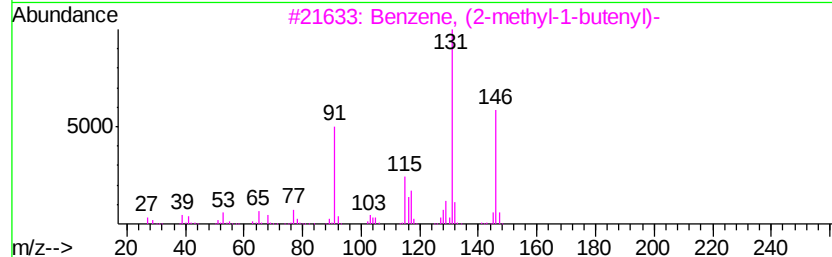
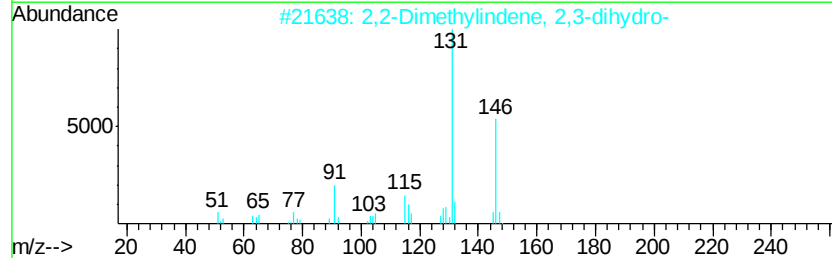
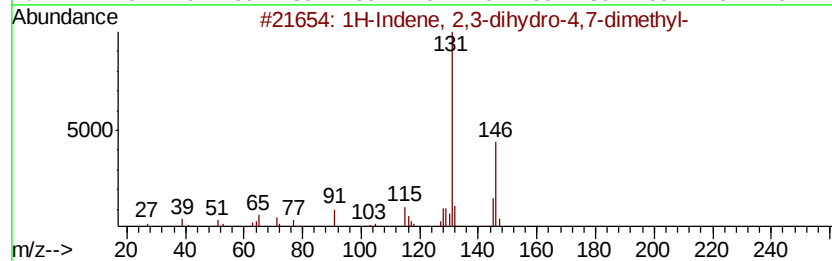
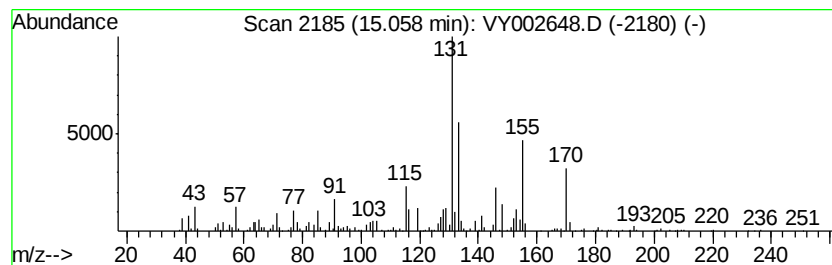
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

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 6 2,2-Dimethylindene, 2,3-dih... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	11.56 ug/l	257047	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	55
2	2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7	55
3	Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6	55
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5	55
5	1,3-Cyclopentadiene, 5-(trans-2-...	146 C11H14	079209-36-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002648.D
Acq On : 08 May 2020 17:57
Operator : SY/MD
Sample : L2506-01
Misc : 5.34G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

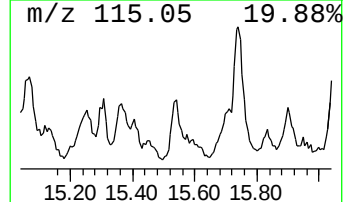
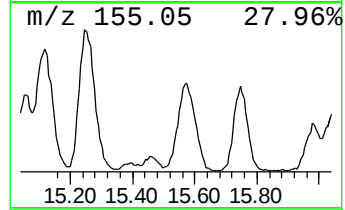
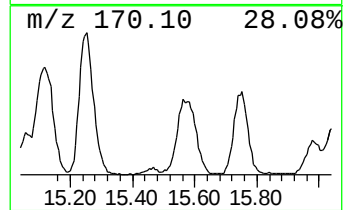
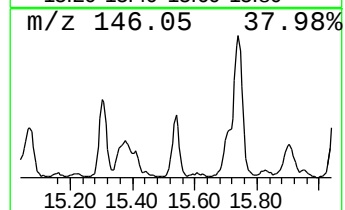
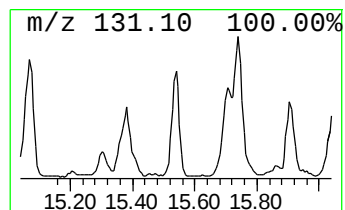
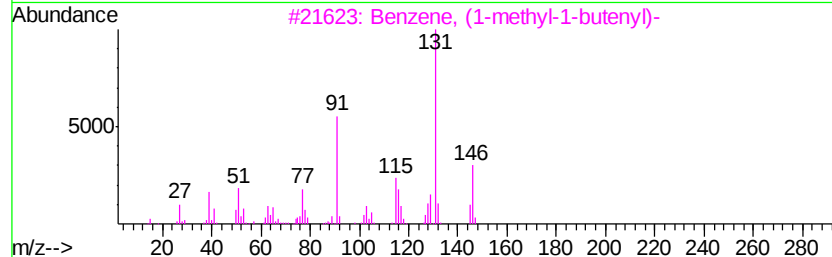
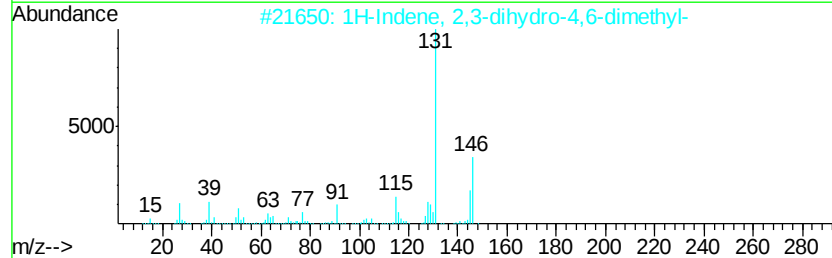
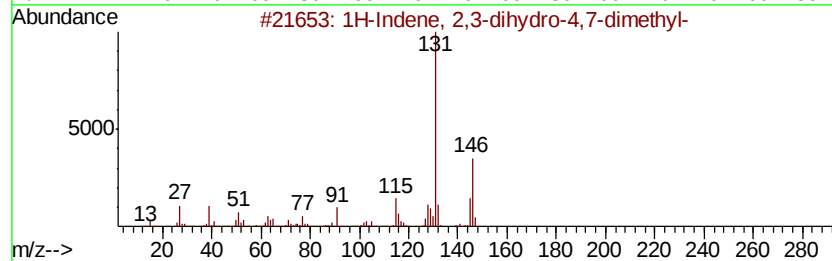
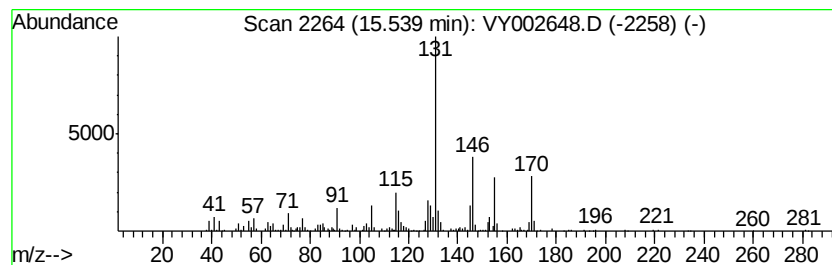
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	16.65 ug/l	370309	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	89
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14		001685-82-1	83
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14		053172-84-2	76
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14		000769-57-3	76
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14		017057-82-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002648.D
Acq On : 08 May 2020 17:57
Operator : SY/MD
Sample : L2506-01
Misc : 5.34G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

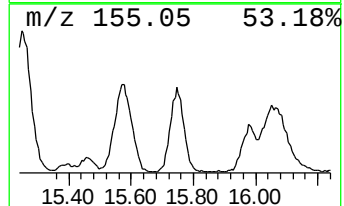
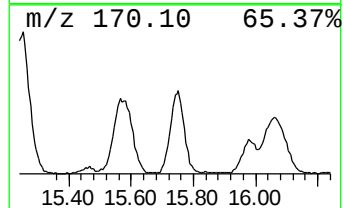
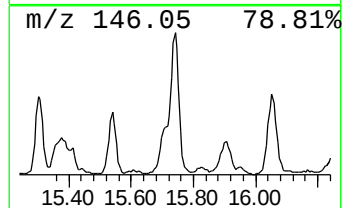
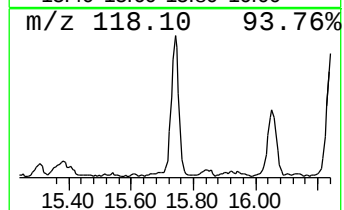
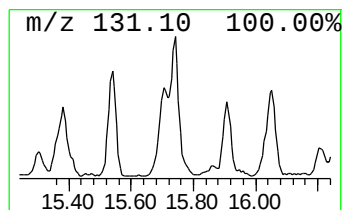
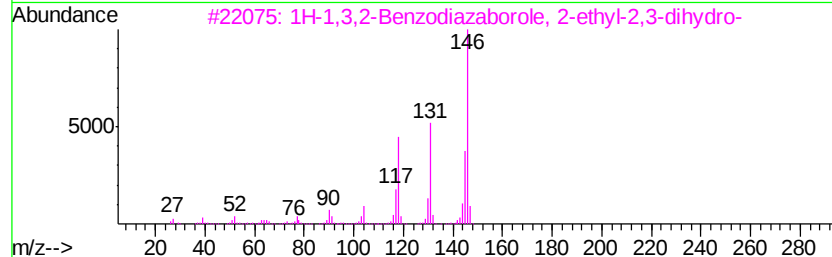
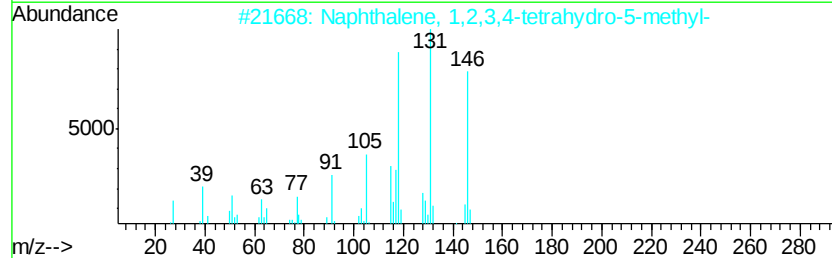
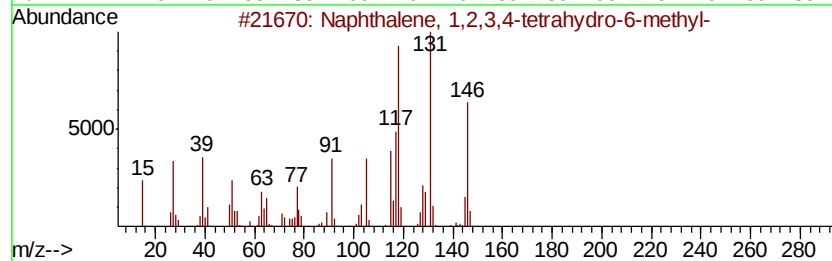
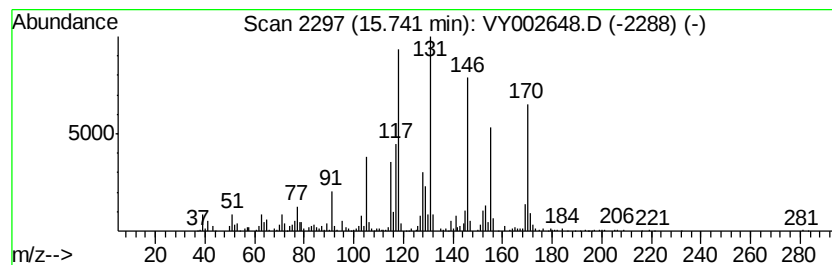
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	23.19 ug/l	515864	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 70
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 64
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 64
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 58
5		Benzenemethanol, .alpha.-methyl-...	164 C11H16O	004383-18-0 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002648.D
Acq On : 08 May 2020 17:57
Operator : SY/MD
Sample : L2506-01
Misc : 5.34G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

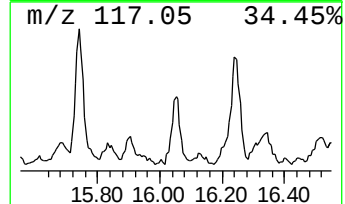
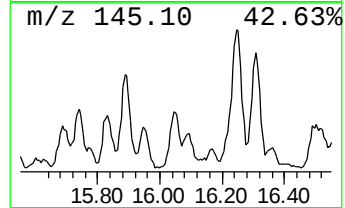
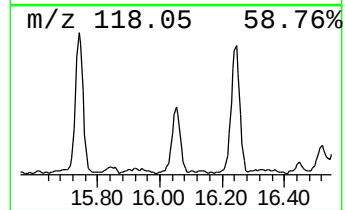
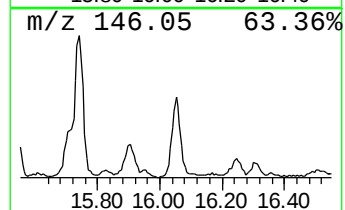
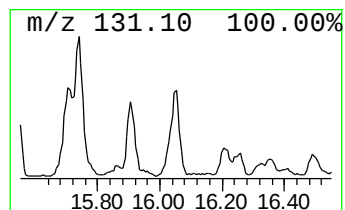
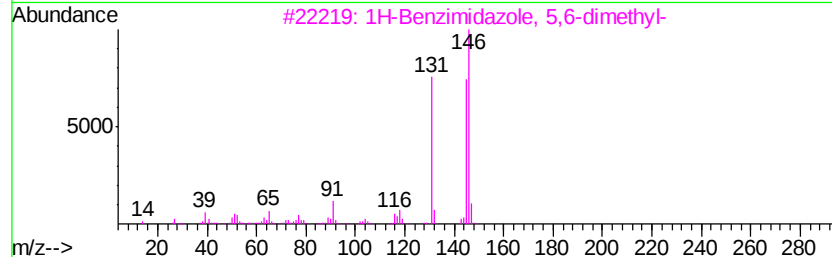
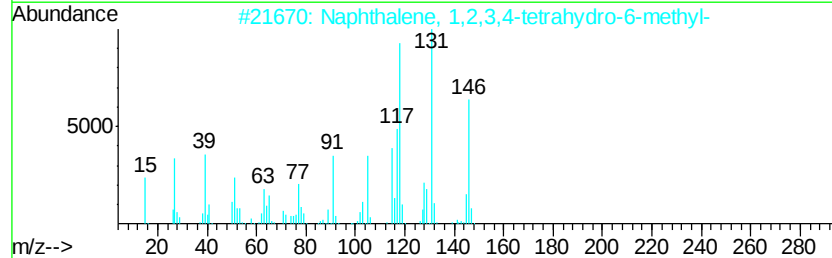
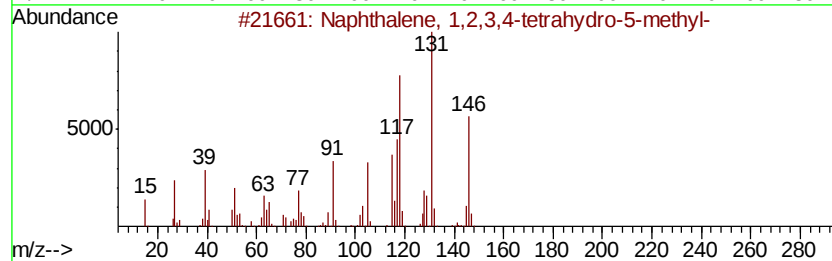
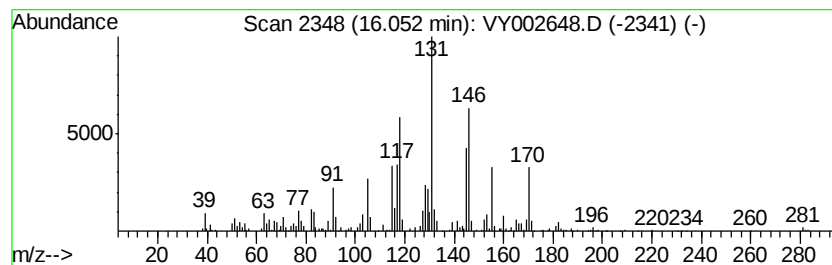
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	13.34 ug/l	296603	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	52
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002648.D
Acq On : 08 May 2020 17:57
Operator : SY/MD
Sample : L2506-01
Misc : 5.34G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-050720

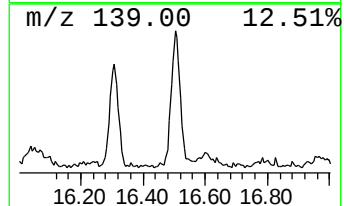
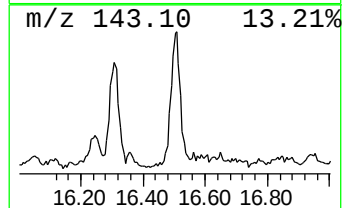
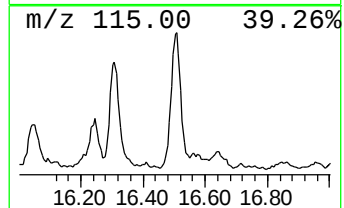
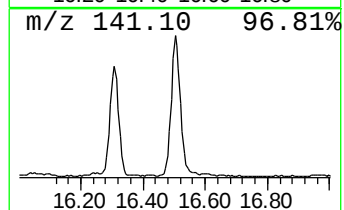
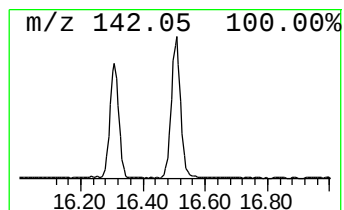
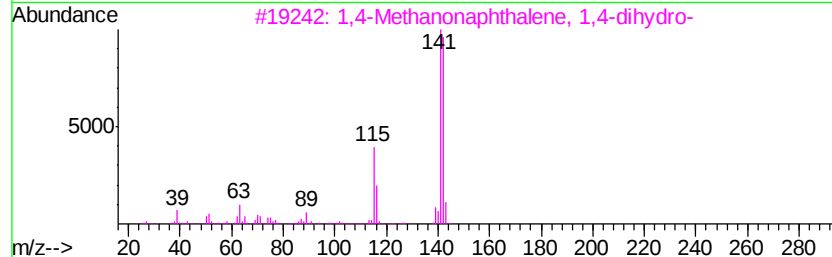
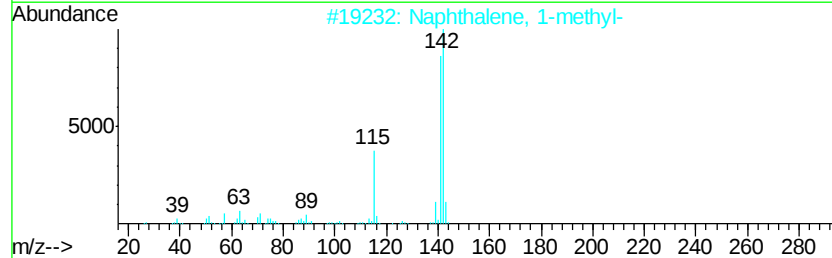
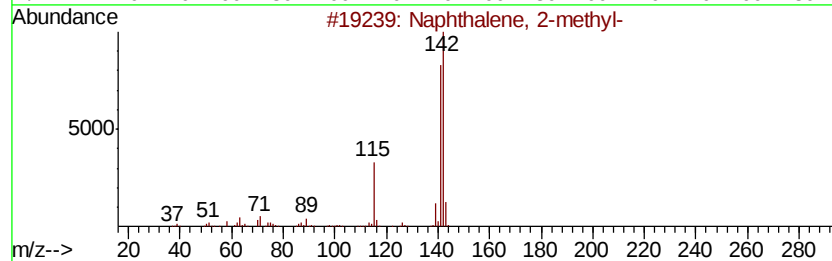
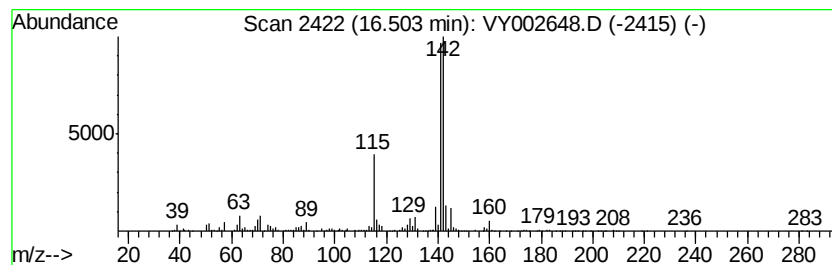
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	20.24 ug/l	450186	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050820\
 Data File : VY002648.D
 Acq On : 08 May 2020 17:57
 Operator : SY/MD
 Sample : L2506-01
 Misc : 5.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\VOASRV\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
Hexanal	10.94	44.7	ug/l	1065330	3	11.50	1190670	50.0
Naphthalene, 1,6-...	12.74	30.8	ug/l	683834	4	13.44	1112110	50.0
1-Hepten-3-ol	13.04	11.8	ug/l	262834	4	13.44	1112110	50.0
Nonanal	14.22	14.8	ug/l	328103	4	13.44	1112110	50.0
Benzene, 2-etheny...	14.69	31.0	ug/l	689904	4	13.44	1112110	50.0
2,2-Dimethylinden...	15.06	11.6	ug/l	257047	4	13.44	1112110	50.0
Benzene, (1,2-dim...	15.54	16.6	ug/l	370309	4	13.44	1112110	50.0
Naphthalene, 1,2,...	15.74	23.2	ug/l	515864	4	13.44	1112110	50.0
Naphthalene, 1,2,...	16.05	13.3	ug/l	296603	4	13.44	1112110	50.0
Naphthalene, 1-me...	16.50	20.2	ug/l	450186	4	13.44	1112110	50.0