

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064264.D
 Acq On : 18 Nov 2019 15:02
 Operator : VA/SY
 Sample : K5676-16
 Misc : 8.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-111519

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_D\METHOD\82D110819S.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	2.238	44	54	56	rBV2	16250	43157	1.02%	0.063%
2	4.167	375	382	395	rVB	34934	98505	2.32%	0.144%
3	7.920	1007	1020	1025	rBV2	590358	1438359	33.86%	2.102%
4	7.979	1025	1030	1044	rVB	1135669	2484789	58.49%	3.632%
5	8.337	1081	1091	1102	rBV	502967	1174512	27.65%	1.717%
6	8.502	1111	1119	1129	rVB3	24150	62402	1.47%	0.091%
7	8.867	1172	1181	1198	rBV	1547593	3066672	72.19%	4.482%
8	10.343	1424	1432	1438	rBV	2310069	4138712	97.42%	6.049%
9	10.408	1438	1443	1453	rVV	410459	742305	17.47%	1.085%
10	11.431	1609	1617	1628	rVB4	45294	117663	2.77%	0.172%
11	11.531	1628	1634	1639	rBV	45105	68638	1.62%	0.100%
12	11.649	1646	1654	1664	rBV	2009897	3472041	81.73%	5.075%
13	11.749	1665	1671	1680	rVV	201211	366158	8.62%	0.535%
14	11.855	1680	1689	1700	rVV2	856554	1764682	41.54%	2.579%
15	11.931	1700	1702	1709	rVB3	38466	59915	1.41%	0.088%
16	12.184	1733	1745	1754	rBV	567980	1217547	28.66%	1.780%
17	12.273	1754	1760	1765	rVB2	89795	172499	4.06%	0.252%
18	12.361	1770	1775	1777	rBV3	51558	85017	2.00%	0.124%
19	12.402	1777	1782	1791	rVB6	109567	275082	6.48%	0.402%
20	12.484	1791	1796	1800	rBV	108444	184046	4.33%	0.269%
21	12.567	1806	1810	1812	rBV2	59572	83901	1.97%	0.123%
22	12.590	1812	1814	1817	rVV	65942	68093	1.60%	0.100%
23	12.637	1817	1822	1833	rVB	1622084	2798855	65.88%	4.091%
24	12.825	1846	1854	1859	rBV	233806	409190	9.63%	0.598%
25	12.890	1859	1865	1869	rBV	783545	1367082	32.18%	1.998%
26	12.925	1869	1871	1872	rVV	319656	318662	7.50%	0.466%
27	12.961	1872	1877	1883	rVB2	952494	1801765	42.41%	2.634%
28	13.014	1883	1886	1891	rVB2	95639	152324	3.59%	0.223%
29	13.073	1891	1896	1897	rBV4	34420	51107	1.20%	0.075%
30	13.131	1898	1906	1912	rBV	417112	840126	19.78%	1.228%
31	13.190	1912	1916	1922	rVB3	205604	331973	7.81%	0.485%
32	13.278	1922	1931	1936	rBV	1389520	2209766	52.01%	3.230%
33	13.320	1936	1938	1943	rVB2	78797	99969	2.35%	0.146%
34	13.408	1944	1953	1957	rVV4	124257	249347	5.87%	0.364%

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35	13.473	1957	1964	1968	rVV2	305734	583151	13.73%	0.852%
36	13.514	1968	1971	1975	rVV4	178361	316300	7.45%	0.462%
37	13.584	1977	1983	1992	rVV2	2152096	4248341	100.00%	6.210%
38	13.655	1992	1995	2000	rVB2	157345	203108	4.78%	0.297%
39	13.784	2012	2017	2021	rBV2	618286	1021793	24.05%	1.493%
40	13.820	2021	2023	2032	rVB3	366952	727639	17.13%	1.064%
41	13.908	2032	2038	2043	rBV2	1114834	1737970	40.91%	2.540%
42	13.972	2043	2049	2057	rBV3	277388	607718	14.30%	0.888%
43	14.043	2057	2061	2063	rBV	192356	284261	6.69%	0.415%
44	14.072	2063	2066	2070	rVB2	271955	374365	8.81%	0.547%
45	14.125	2070	2075	2080	rVB	365450	545927	12.85%	0.798%
46	14.167	2080	2082	2089	rVB3	96979	187045	4.40%	0.273%
47	14.237	2089	2094	2100	rBV2	479515	810834	19.09%	1.185%
48	14.296	2100	2104	2108	rBV6	83116	150518	3.54%	0.220%
49	14.343	2108	2112	2114	rBV2	96792	142450	3.35%	0.208%
50	14.420	2121	2125	2129	rVB4	283972	428268	10.08%	0.626%
51	14.461	2129	2132	2135	rVV3	137821	162016	3.81%	0.237%
52	14.490	2135	2137	2141	rVB	256857	301526	7.10%	0.441%
53	14.531	2141	2144	2148	rBV	268814	348777	8.21%	0.510%
54	14.578	2148	2152	2159	rVB4	224359	337530	7.94%	0.493%
55	14.637	2159	2162	2165	rBV4	107994	164019	3.86%	0.240%
56	14.678	2166	2169	2172	rVB	130687	166031	3.91%	0.243%
57	14.725	2172	2177	2179	rBV2	371279	570821	13.44%	0.834%
58	14.761	2179	2183	2189	rVB3	1095580	1721364	40.52%	2.516%
59	14.843	2189	2197	2201	rBV4	814595	1852168	43.60%	2.707%
60	14.884	2201	2204	2213	rVB6	410571	896176	21.09%	1.310%
61	14.996	2218	2223	2230	rVB	639343	1090098	25.66%	1.593%
62	15.108	2237	2242	2246	rBV3	251090	402453	9.47%	0.588%
63	15.219	2254	2261	2267	rBV5	291352	770437	18.14%	1.126%
64	15.296	2271	2274	2283	rVB7	236696	493902	11.63%	0.722%
65	15.414	2283	2294	2300	rBV	1703143	3816473	89.83%	5.578%
66	15.472	2300	2304	2308	rVB	188780	268003	6.31%	0.392%
67	15.519	2308	2312	2316	rBV4	225664	390458	9.19%	0.571%
68	15.608	2323	2327	2337	rVB	986522	1769711	41.66%	2.587%
69	15.714	2337	2345	2352	rBV5	310864	847538	19.95%	1.239%
70	15.790	2353	2358	2365	rVB5	170855	348186	8.20%	0.509%
71	15.925	2376	2381	2390	rVB	564222	1107294	26.06%	1.618%

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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

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72	16.084	2403	2408	2417	rVB6	151375	418509	9.85%	0.612%
73	16.243	2426	2435	2440	rBV4	322564	858379	20.21%	1.255%
74	16.361	2451	2455	2461	rBV4	130415	226030	5.32%	0.330%
75	16.443	2463	2469	2474	rVV3	339579	738192	17.38%	1.079%
76	16.514	2474	2481	2487	rVV	856056	1893659	44.57%	2.768%
77	16.572	2487	2491	2498	rVB	445302	765915	18.03%	1.119%
78	16.719	2508	2516	2527	rBV	557127	1505816	35.44%	2.201%

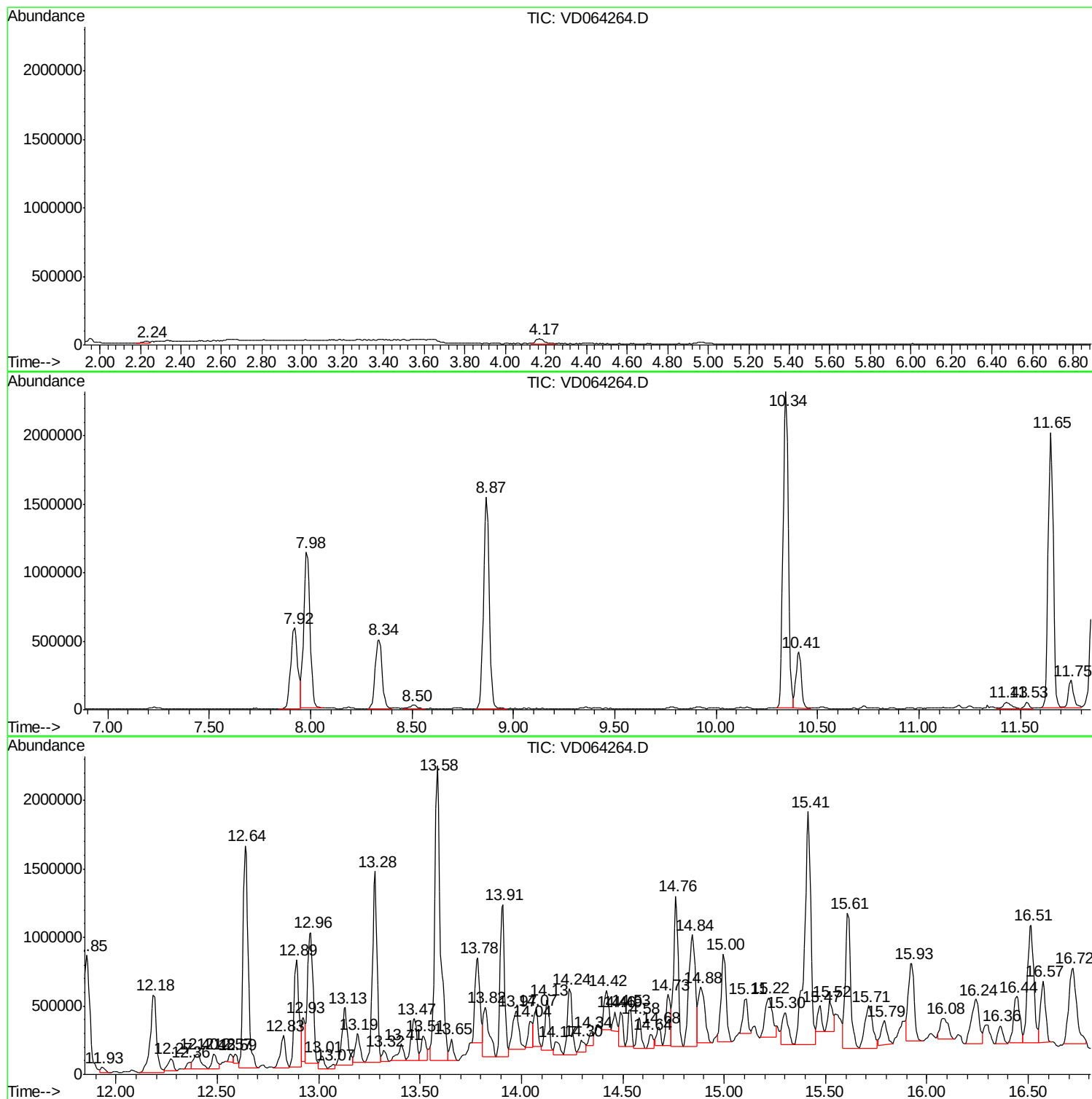
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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



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Instrument :
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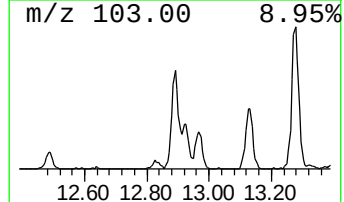
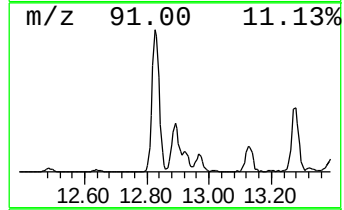
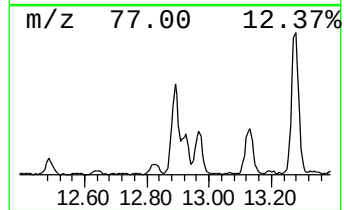
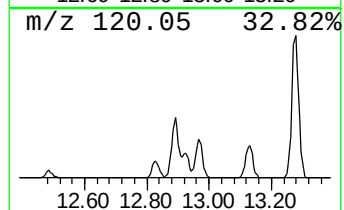
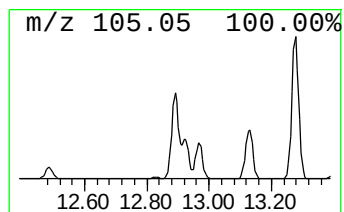
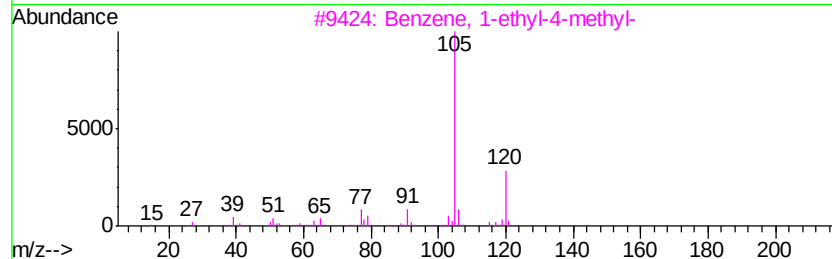
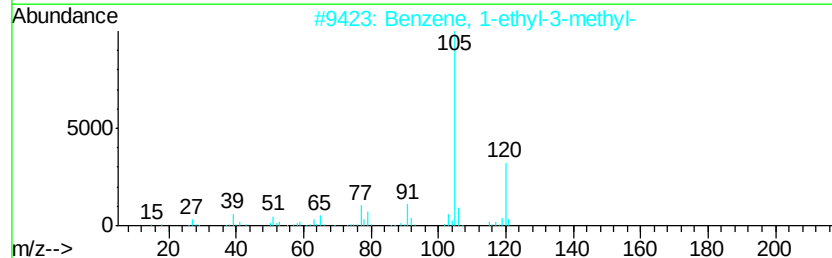
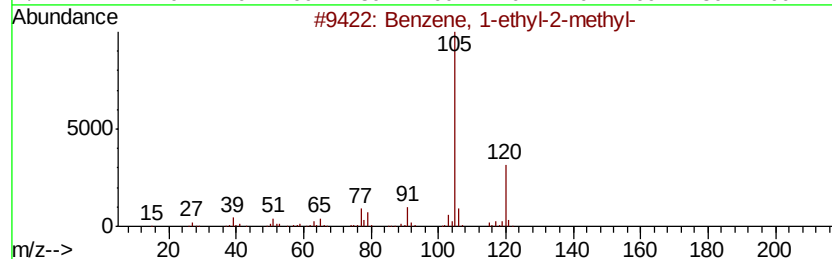
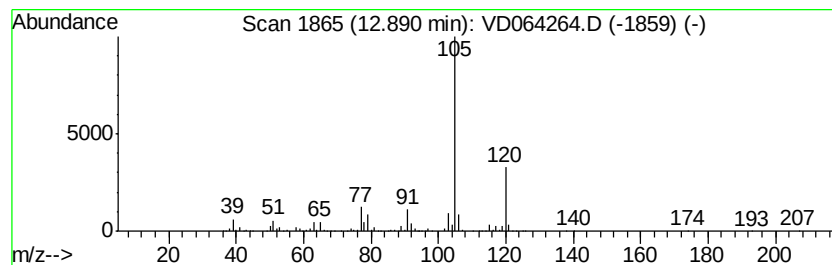
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	16.09 ug/l	1367080	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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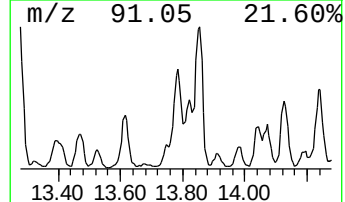
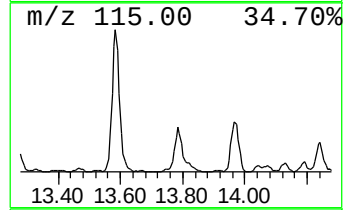
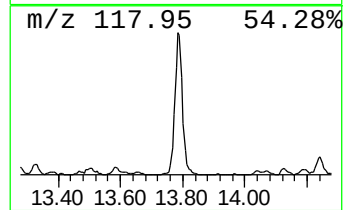
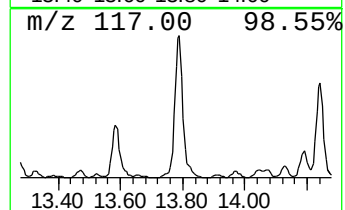
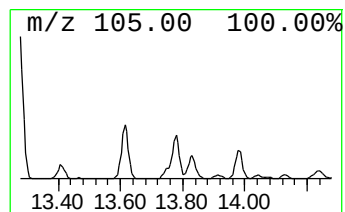
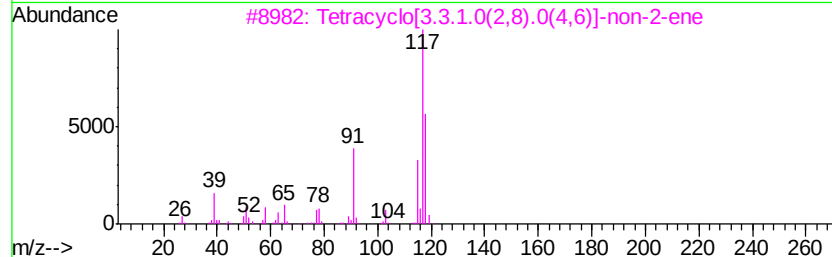
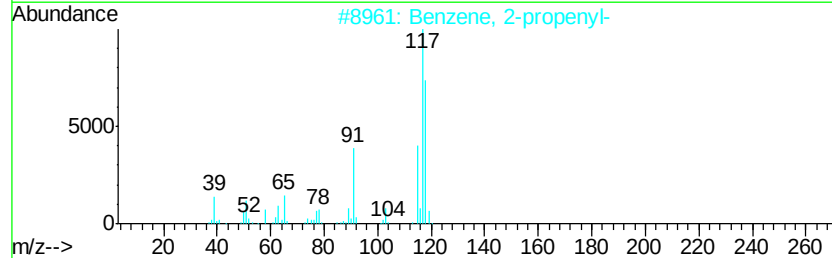
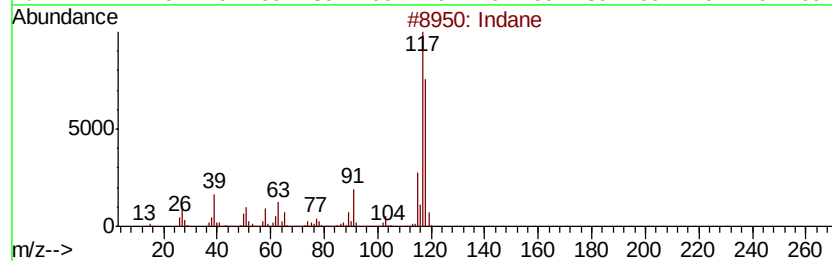
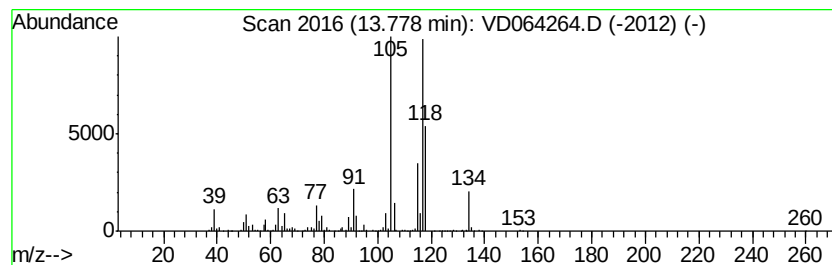
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	12.03 ug/l	1021790	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	70
2	Benzene, 2-propenyl-		118	C9H10	000300-57-2	70
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	62
4	Benzene, cyclopropyl-		118	C9H10	000873-49-4	62
5	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	58



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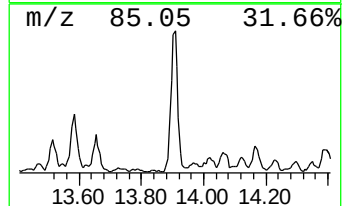
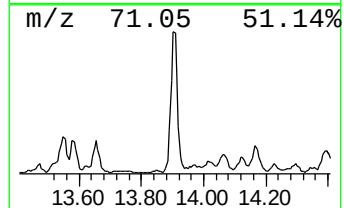
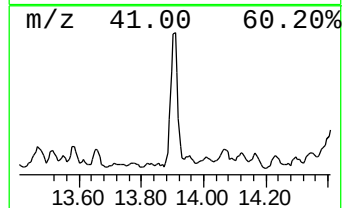
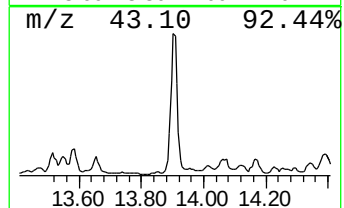
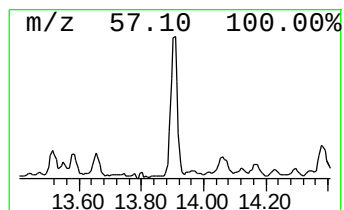
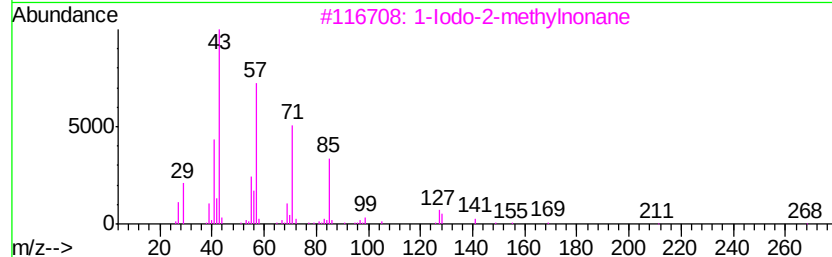
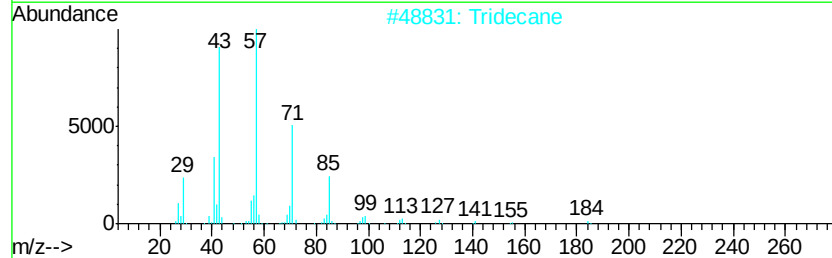
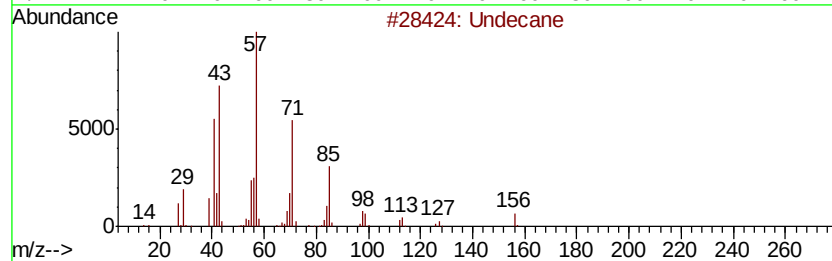
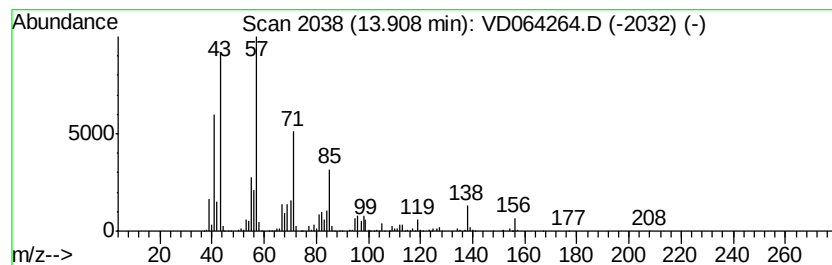
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 Quant Title : SW846 8260

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

 Peak Number 3 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	20.45 ug/l	1737970	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	96
2	Tridecane	184 C13H28	000629-50-5	64
3	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	64
4	Nonane	128 C9H20	000111-84-2	53
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	53



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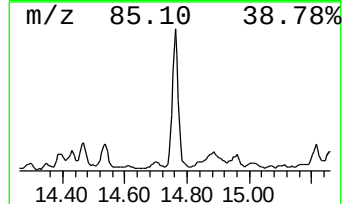
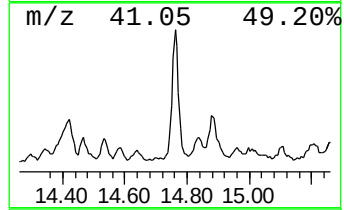
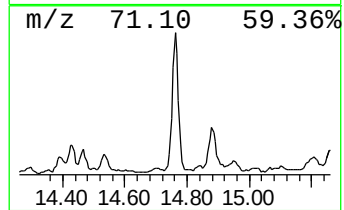
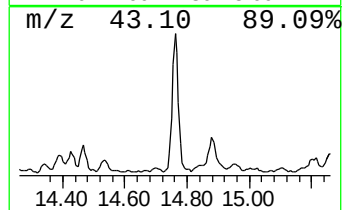
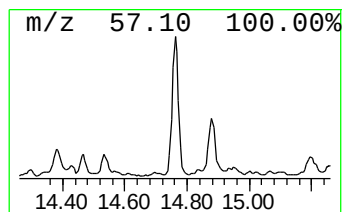
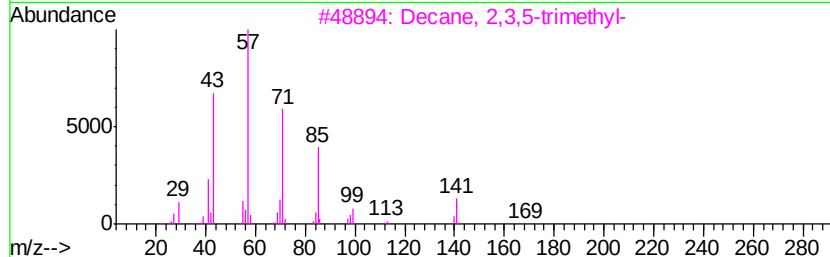
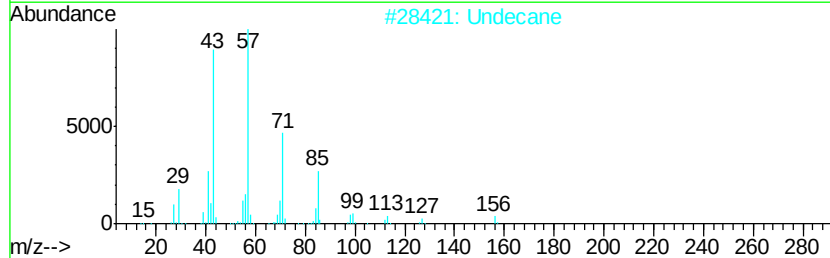
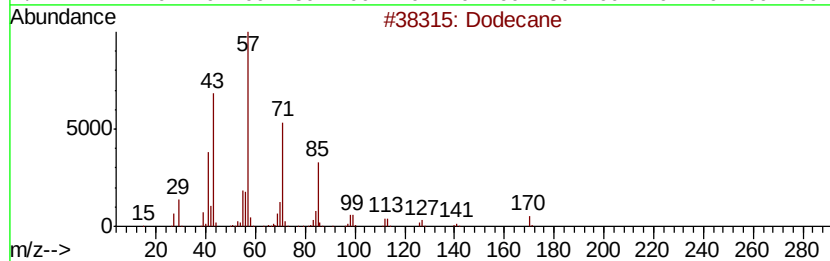
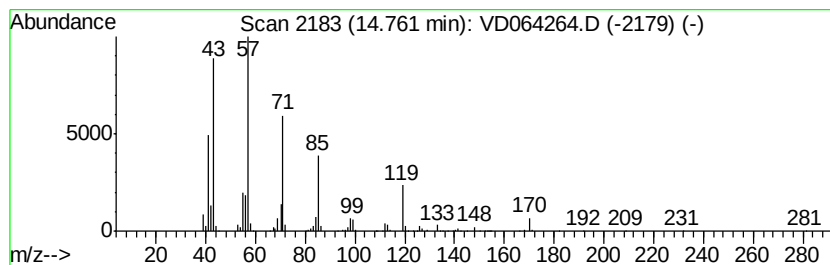
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Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	20.26 ug/l	1721360	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	93
2	Undecane		156	C11H24	001120-21-4	64
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64
4	Tridecane		184	C13H28	000629-50-5	64
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064264.D
Acq On : 18 Nov 2019 15:02
Operator : VA/SY
Sample : K5676-16
Misc : 8.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-111519

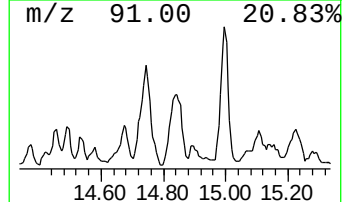
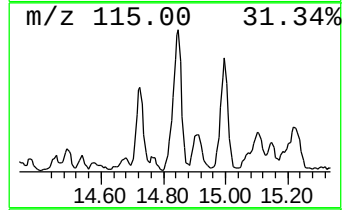
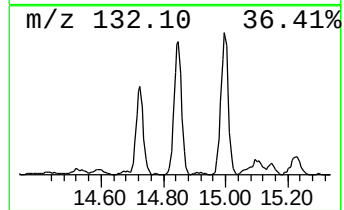
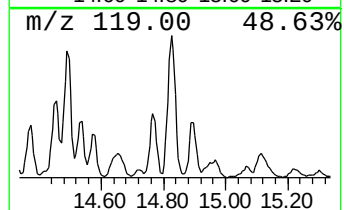
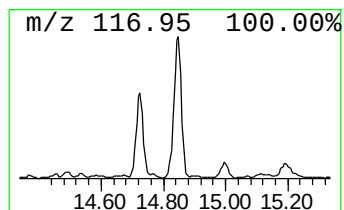
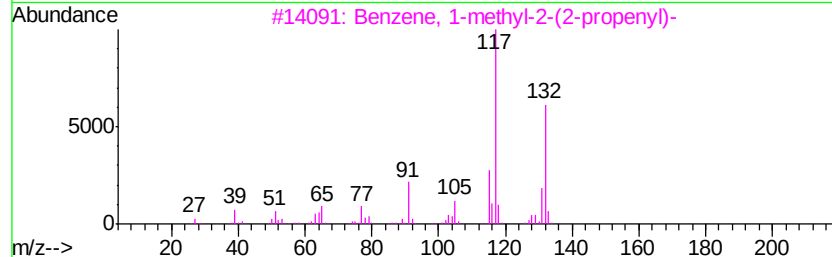
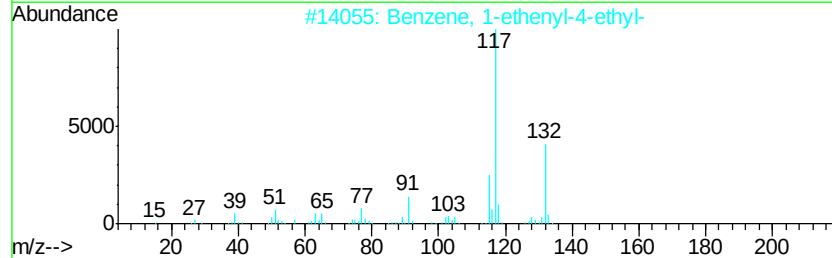
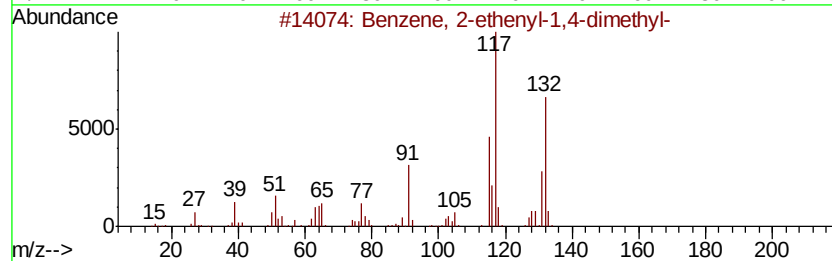
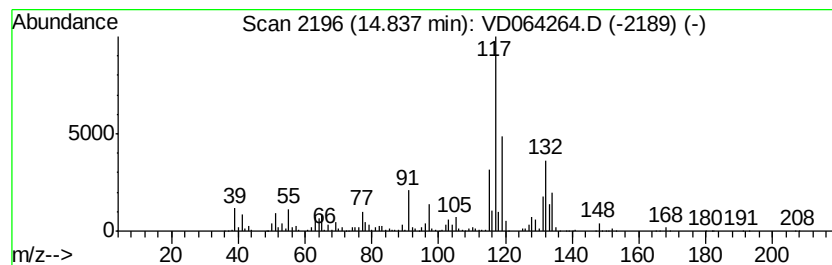
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Quant Title : SW846 8260

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.
14.84	21.80 ug/l	1852170	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064264.D
Acq On : 18 Nov 2019 15:02
Operator : VA/SY
Sample : K5676-16
Misc : 8.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

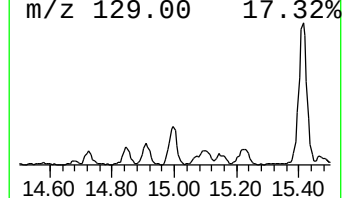
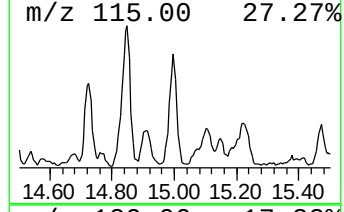
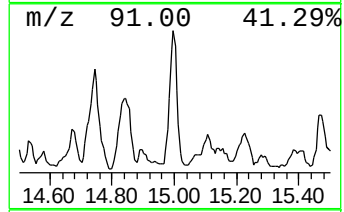
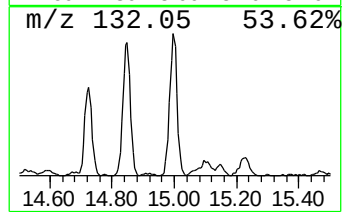
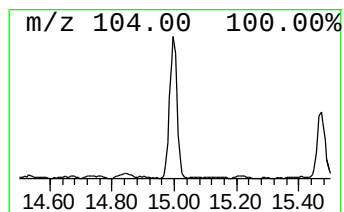
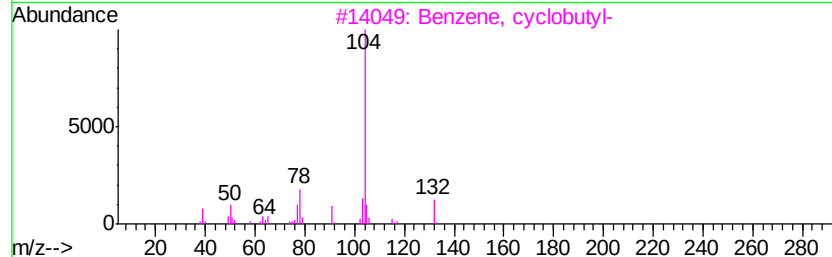
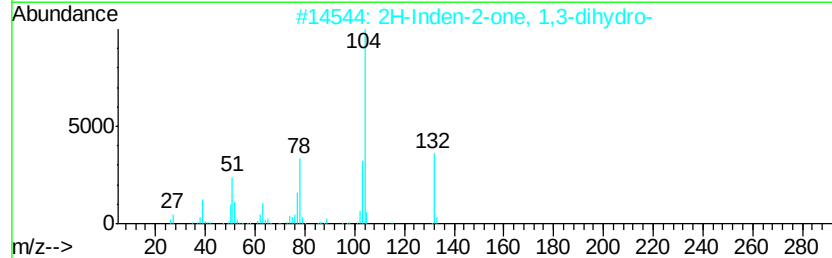
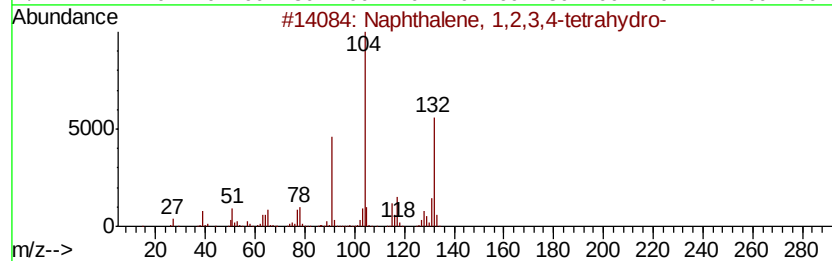
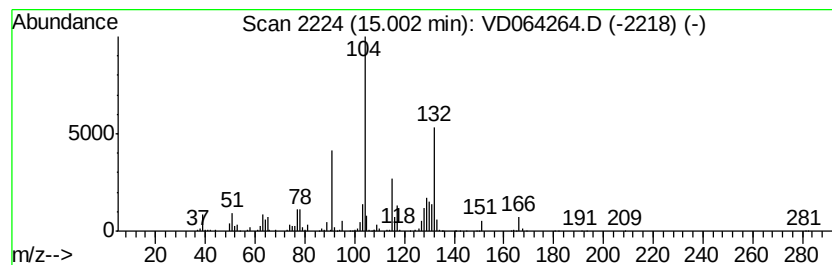
Instrument :
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ClientSampleId :
SU-01-111519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	12.83 ug/l	1090100	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132 C10H12	000119-64-2 95
2		2H-Inden-2-one, 1,3-dihydro-	132 C9H8O	000615-13-4 53
3		Benzene, cyclobutyl-	132 C10H12	004392-30-7 50
4		2-Methylbenzyl cyanide	131 C9H9N	022364-68-7 45
5		Indan, epoxide	132 C9H8O	000768-22-9 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064264.D
Acq On : 18 Nov 2019 15:02
Operator : VA/SY
Sample : K5676-16
Misc : 8.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

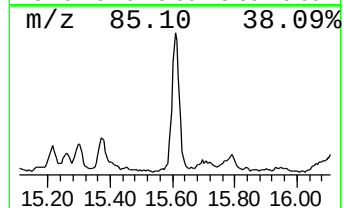
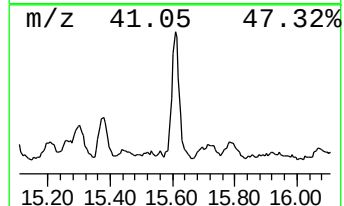
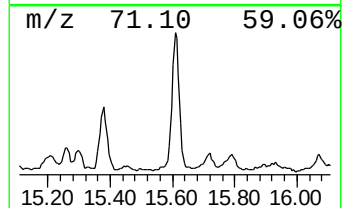
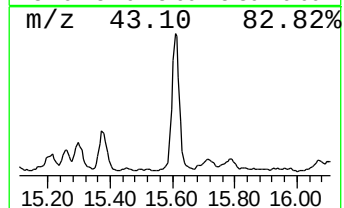
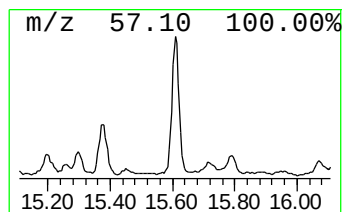
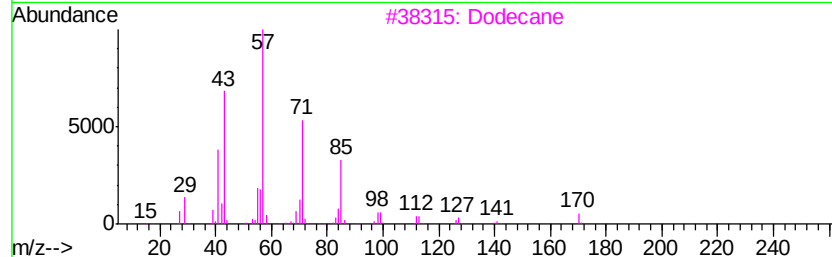
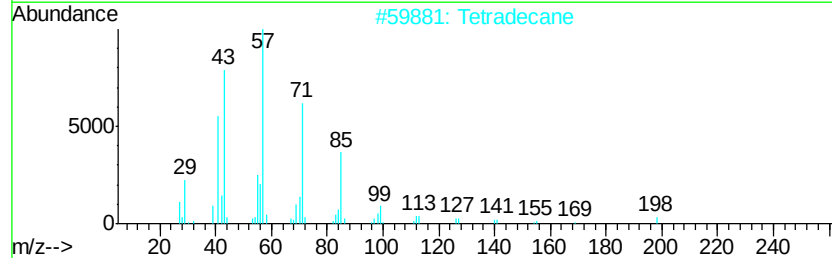
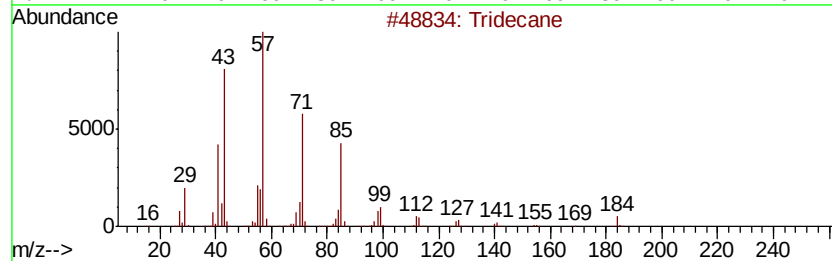
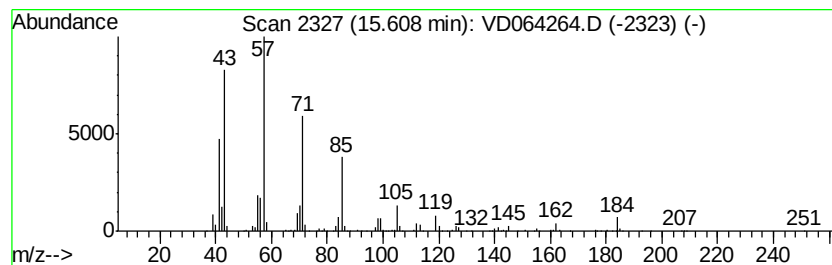
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 7 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	20.83 ug/l	1769710	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	96
2	Tetradecane	198 C14H30	000629-59-4	74
3	Dodecane	170 C12H26	000112-40-3	72
4	Hexadecane	226 C16H34	000544-76-3	72
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064264.D
Acq On : 18 Nov 2019 15:02
Operator : VA/SY
Sample : K5676-16
Misc : 8.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

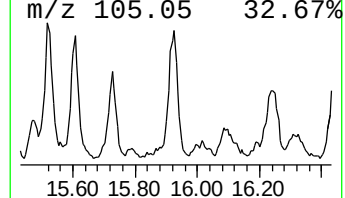
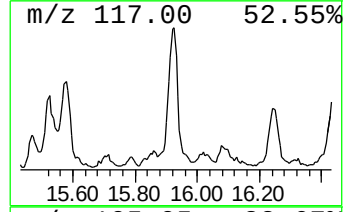
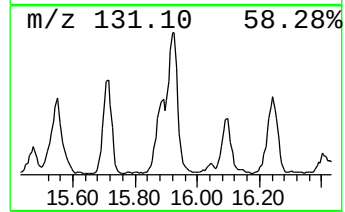
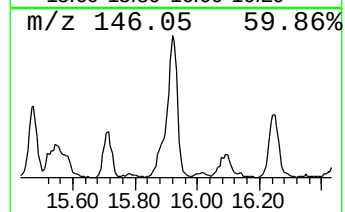
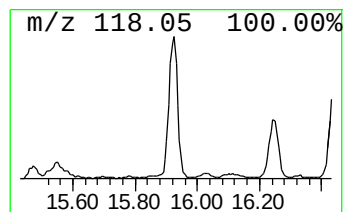
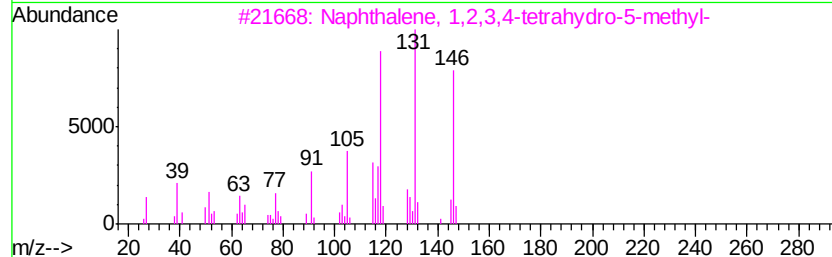
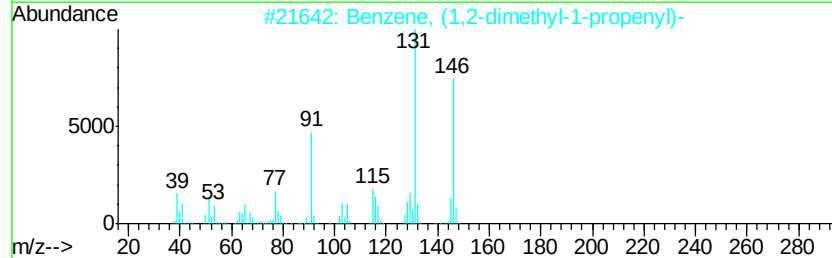
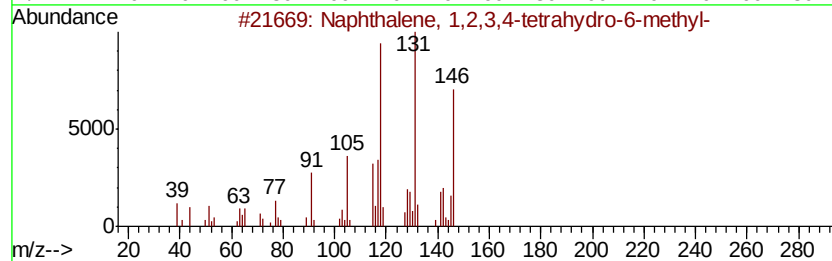
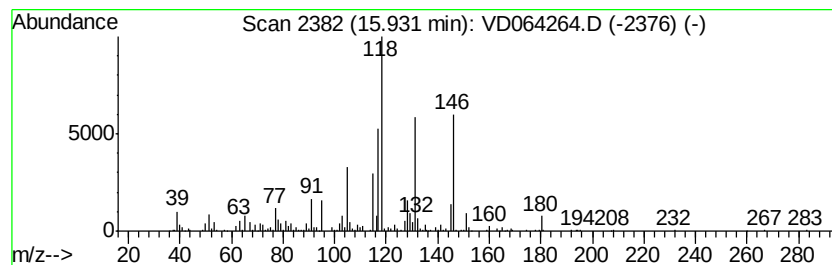
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SU-01-111519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	13.03 ug/l	1107290	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 90
2		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 86
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 86
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1000189-31-0 76
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064264.D
Acq On : 18 Nov 2019 15:02
Operator : VA/SY
Sample : K5676-16
Misc : 8.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

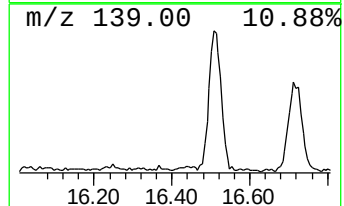
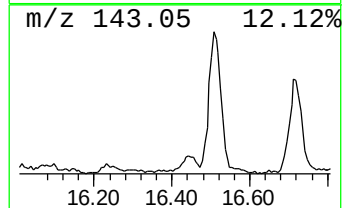
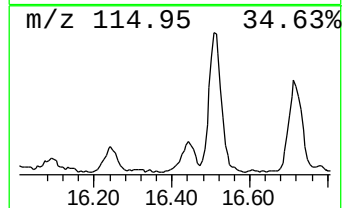
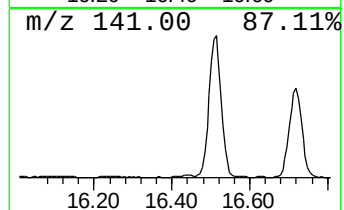
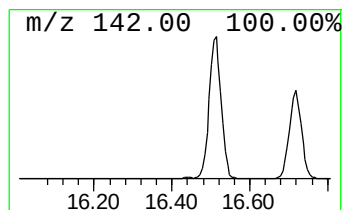
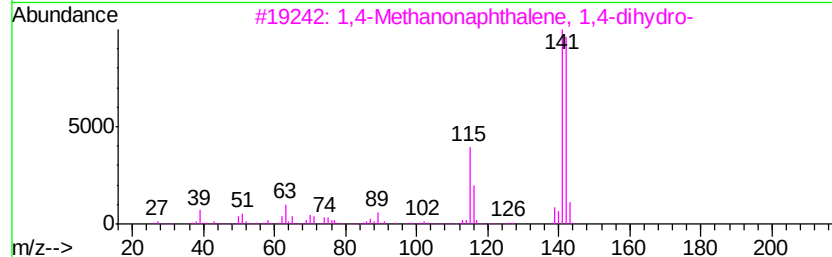
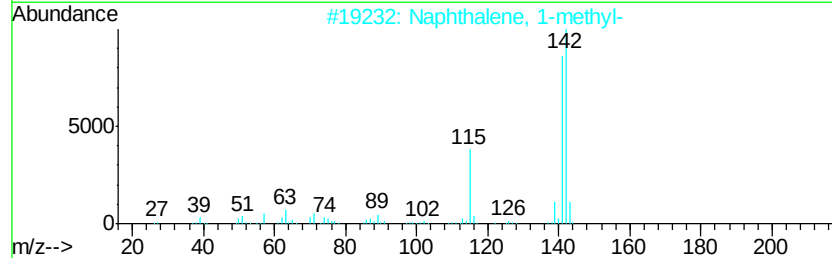
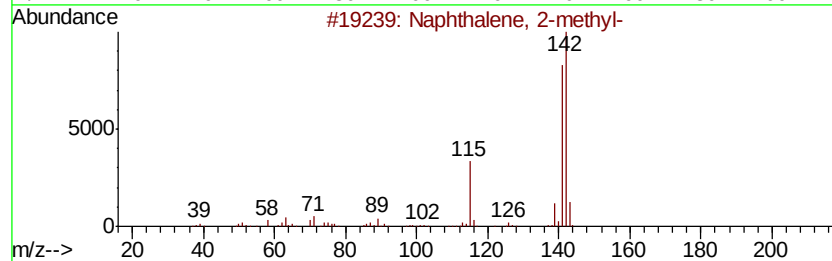
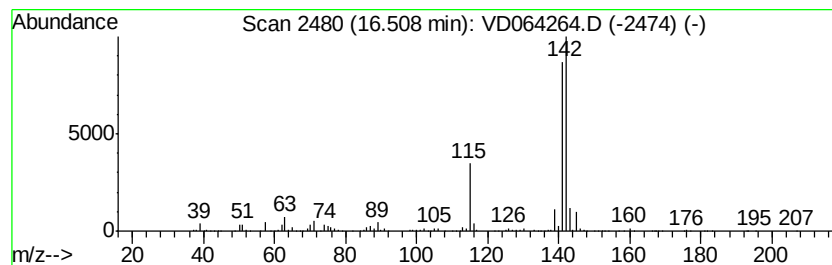
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ClientSampleId :
SU-01-111519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	22.29 ug/l	1893660	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 90
4		Benzocycloheptatriene	142 C11H10	000264-09-5 90
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD111819\
Data File : VD064264.D
Acq On : 18 Nov 2019 15:02
Operator : VA/SY
Sample : K5676-16
Misc : 8.12G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-111519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.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
Benzene, 1-ethyl-...	12.89	16.1	ug/l	1367080	4	13.58	4248340	50.0
Indane	13.78	12.0	ug/l	1021790	4	13.58	4248340	50.0
Undecane	13.91	20.4	ug/l	1737970	4	13.58	4248340	50.0
Dodecane	14.76	20.3	ug/l	1721360	4	13.58	4248340	50.0
Benzene, 2-etheny...	14.84	21.8	ug/l	1852170	4	13.58	4248340	50.0
Naphthalene, 1,2,...	15.00	12.8	ug/l	1090100	4	13.58	4248340	50.0
Tridecane	15.61	20.8	ug/l	1769710	4	13.58	4248340	50.0
Naphthalene, 1,2,...	15.93	13.0	ug/l	1107290	4	13.58	4248340	50.0
Naphthalene, 1-me...	16.51	22.3	ug/l	1893660	4	13.58	4248340	50.0