

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064335.D
 Acq On : 21 Nov 2019 20:18
 Operator : VA/SY
 Sample : K5972-01
 Misc : 5.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 25441-26560

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	7.920	1010	1020	1025	rBV	548610	1301317	17.51%	1.090%
2	7.985	1025	1031	1042	rVB	1047304	2345509	31.56%	1.965%
3	8.338	1080	1091	1102	rBV	439694	1011256	13.61%	0.847%
4	8.867	1172	1181	1200	rBV	1397163	2858470	38.46%	2.395%
5	9.356	1252	1264	1271	rBV3	35274	82080	1.10%	0.069%
6	10.344	1423	1432	1438	rBV	2175486	3992137	53.71%	3.345%
7	10.403	1438	1442	1449	rVB	246116	461284	6.21%	0.386%
8	10.526	1456	1463	1470	rVB2	93059	192043	2.58%	0.161%
9	10.779	1501	1506	1511	rVB3	56064	103682	1.40%	0.087%
10	11.197	1568	1577	1581	rVV2	110078	253352	3.41%	0.212%
11	11.244	1581	1585	1592	rVB2	68922	130448	1.76%	0.109%
12	11.432	1608	1617	1629	rVB5	123927	379122	5.10%	0.318%
13	11.532	1629	1634	1639	rBV	119270	194064	2.61%	0.163%
14	11.650	1647	1654	1664	rBV	1884297	3262860	43.90%	2.734%
15	11.750	1665	1671	1680	rVV	351503	700997	9.43%	0.587%
16	11.855	1680	1689	1699	rVV	3337000	6620970	89.09%	5.547%
17	11.938	1699	1703	1708	rVB3	106662	181018	2.44%	0.152%
18	12.185	1733	1745	1753	rBV	2063209	3921695	52.77%	3.285%
19	12.273	1756	1760	1764	rVB	111284	156391	2.10%	0.131%
20	12.361	1770	1775	1777	rVV2	106096	177394	2.39%	0.149%
21	12.397	1777	1781	1787	rVV3	162007	358360	4.82%	0.300%
22	12.485	1791	1796	1801	rBV	140162	262824	3.54%	0.220%
23	12.591	1812	1814	1817	rVB	85783	78286	1.05%	0.066%
24	12.638	1817	1822	1832	rVB	1531554	2603190	35.03%	2.181%
25	12.720	1832	1836	1841	rVB3	73670	111766	1.50%	0.094%
26	12.826	1846	1854	1858	rBV	425297	778413	10.47%	0.652%
27	12.891	1858	1865	1869	rBV	2711834	4790725	64.46%	4.014%
28	12.920	1869	1870	1873	rVV	941430	1043439	14.04%	0.874%
29	12.961	1873	1877	1883	rVB2	1751058	3111525	41.87%	2.607%
30	13.014	1883	1886	1892	rVB2	141885	209740	2.82%	0.176%
31	13.126	1892	1905	1912	rBV	1267106	2441647	32.85%	2.046%
32	13.197	1912	1917	1923	rVB2	286427	552965	7.44%	0.463%
33	13.279	1923	1931	1937	rBV	4514425	7432113	100.00%	6.226%
34	13.408	1948	1953	1957	rVB3	257939	402981	5.42%	0.338%

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 ClientSampleId :
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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
 Start Thrs: 0.2
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35	13.467	1957	1963	1968	rBV2	622161	1095398	14.74%	0.918%
36	13.520	1968	1972	1976	rVV2	239155	429638	5.78%	0.360%
37	13.585	1977	1983	1986	rVV	1932573	3545984	47.71%	2.971%
38	13.614	1986	1988	1993	rVV	1411000	1755205	23.62%	1.470%
39	13.655	1993	1995	1999	rVB3	134717	138197	1.86%	0.116%
40	13.749	2006	2011	2012	rBV	325366	425459	5.72%	0.356%
41	13.779	2012	2016	2020	rVV2	1870733	3302784	44.44%	2.767%
42	13.820	2020	2023	2033	rVB3	1245127	2420487	32.57%	2.028%
43	13.908	2033	2038	2043	rBV2	1239500	2009755	27.04%	1.684%
44	13.979	2046	2050	2055	rVV	426948	613714	8.26%	0.514%
45	14.044	2056	2061	2063	rVV	700565	1065821	14.34%	0.893%
46	14.073	2063	2066	2070	rVV	732703	999772	13.45%	0.838%
47	14.126	2070	2075	2080	rVB	1087153	1599096	21.52%	1.340%
48	14.191	2080	2086	2089	rBV2	185774	289002	3.89%	0.242%
49	14.238	2089	2094	2099	rVB	1338187	2164538	29.12%	1.813%
50	14.314	2099	2107	2111	rBV6	158068	441120	5.94%	0.370%
51	14.373	2111	2117	2120	rBV3	390142	759005	10.21%	0.636%
52	14.420	2120	2125	2128	rVV3	564607	1043154	14.04%	0.874%
53	14.455	2128	2131	2134	rVV	559290	858822	11.56%	0.720%
54	14.491	2134	2137	2141	rVB	800240	1047749	14.10%	0.878%
55	14.538	2141	2145	2148	rBV	541965	704522	9.48%	0.590%
56	14.579	2148	2152	2158	rVB4	484806	731367	9.84%	0.613%
57	14.638	2158	2162	2165	rBV4	196580	309945	4.17%	0.260%
58	14.679	2165	2169	2172	rVB	415361	561968	7.56%	0.471%
59	14.726	2172	2177	2180	rBV2	986105	1738117	23.39%	1.456%
60	14.761	2180	2183	2189	rVB2	1240185	1965231	26.44%	1.646%
61	14.843	2189	2197	2202	rBV3	1985660	4610600	62.04%	3.863%
62	14.891	2202	2205	2211	rVB4	541726	965471	12.99%	0.809%
63	14.996	2218	2223	2230	rVB	1139208	1889791	25.43%	1.583%
64	15.067	2231	2235	2236	rBV3	211922	254092	3.42%	0.213%
65	15.108	2237	2242	2246	rBV3	626817	1064156	14.32%	0.892%
66	15.226	2254	2262	2270	rVB3	790055	1942105	26.13%	1.627%
67	15.296	2271	2274	2282	rVB9	264054	580197	7.81%	0.486%
68	15.379	2282	2288	2291	rBV3	503174	926447	12.47%	0.776%
69	15.473	2299	2304	2308	rBV	658731	1107770	14.91%	0.928%
70	15.526	2308	2313	2316	rBV3	559149	1044744	14.06%	0.875%
71	15.608	2323	2327	2337	rVB2	1063696	2045178	27.52%	1.713%

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Integration Parameters: RTEINT.P

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72	15.714	2337	2345	2352	rBV3	783798	1892311	25.46%	1.585%
73	15.790	2353	2358	2363	rVV2	228494	409223	5.51%	0.343%
74	15.885	2365	2374	2375	rVV3	483678	1057824	14.23%	0.886%
75	15.920	2375	2380	2388	rVB	1780983	3562404	47.93%	2.984%
76	16.014	2391	2396	2401	rVV3	210309	372441	5.01%	0.312%
77	16.085	2402	2408	2425	rVB4	538858	1936178	26.05%	1.622%
78	16.243	2426	2435	2441	rBV2	1025776	2492405	33.54%	2.088%
79	16.361	2451	2455	2459	rBV2	130295	204588	2.75%	0.171%
80	16.443	2461	2469	2475	rVV3	1249941	2845557	38.29%	2.384%
81	16.508	2475	2480	2486	rVV3	587952	1337772	18.00%	1.121%
82	16.573	2486	2491	2497	rVB	521055	989164	13.31%	0.829%
83	16.726	2508	2517	2522	rBV7	417567	1313392	17.67%	1.100%

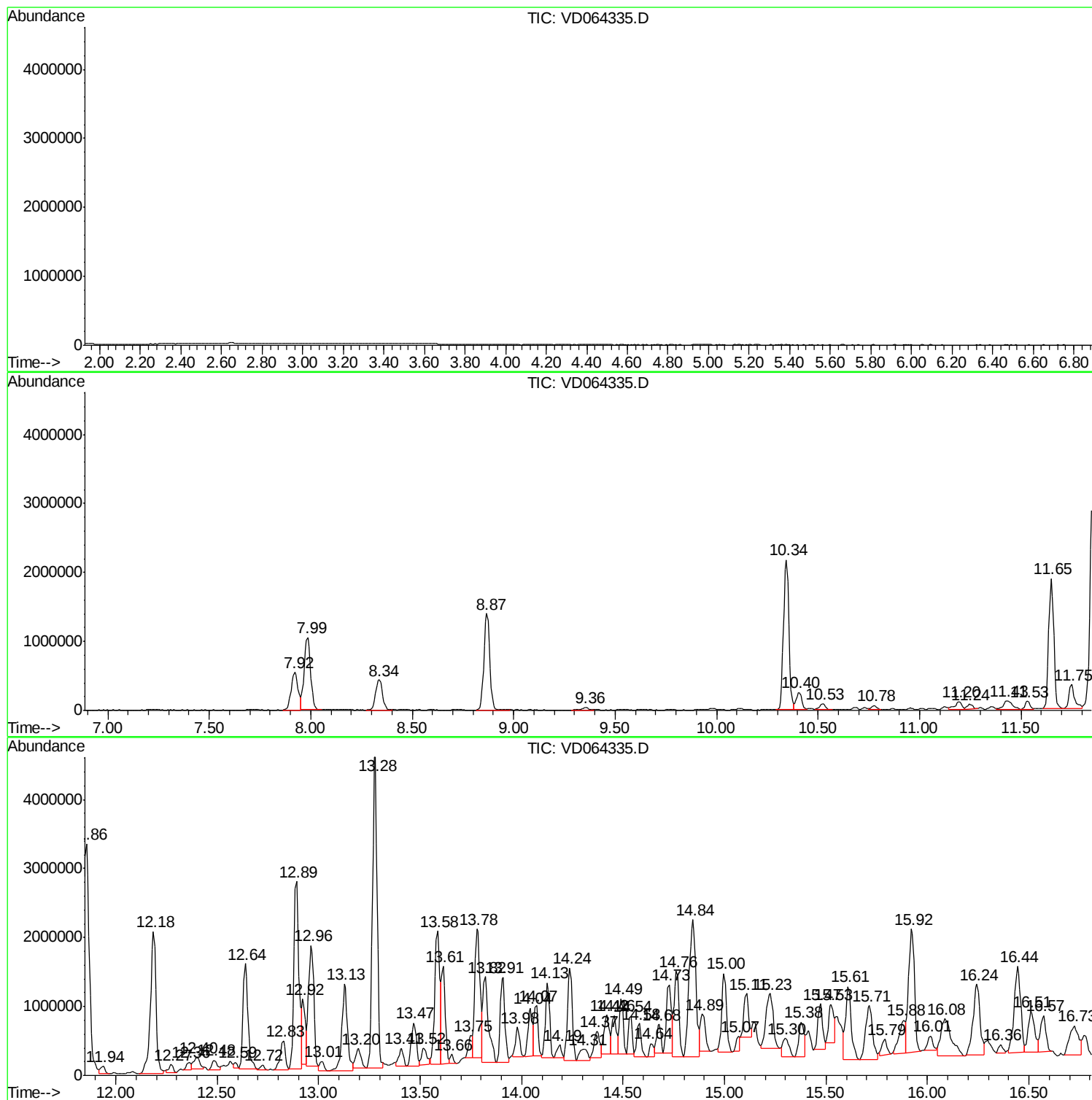
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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



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ALS Vial : 16 Sample Multiplier: 1

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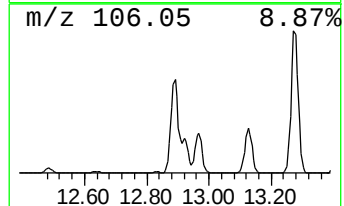
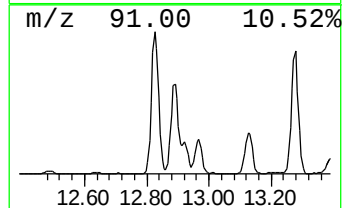
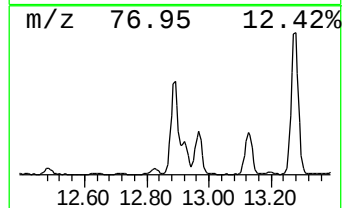
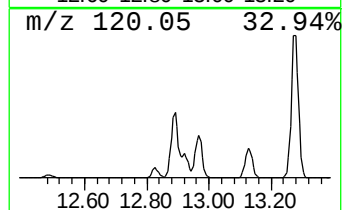
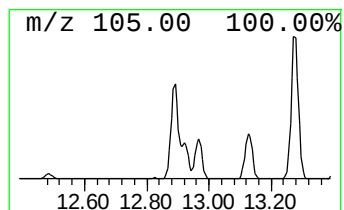
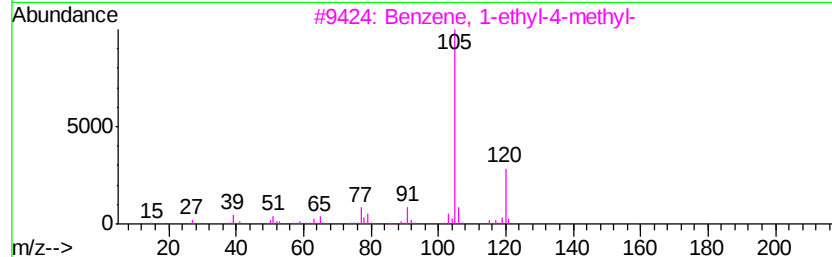
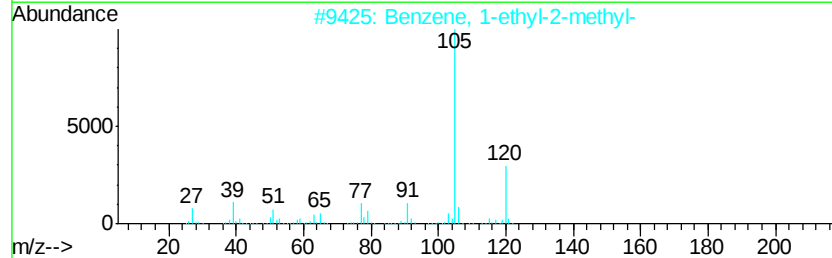
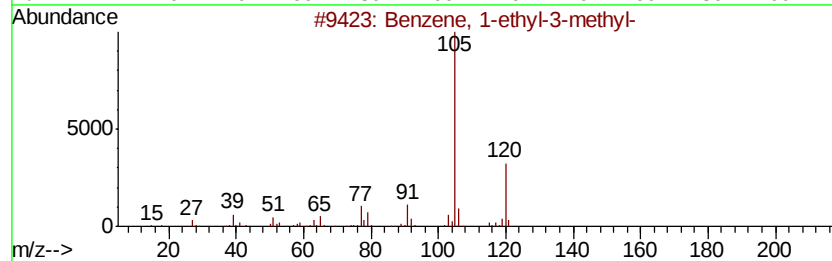
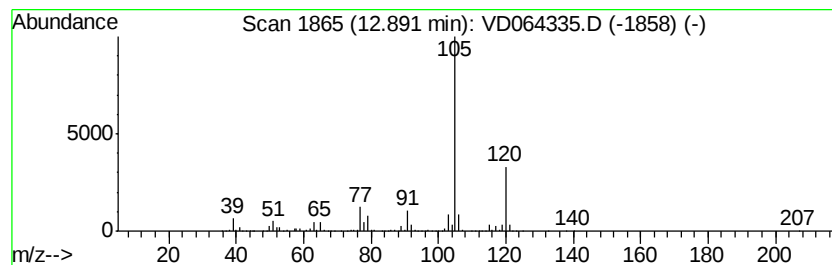
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	67.55 ug/l	4790730	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



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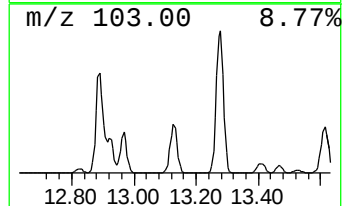
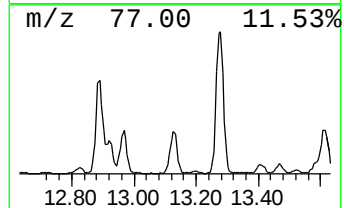
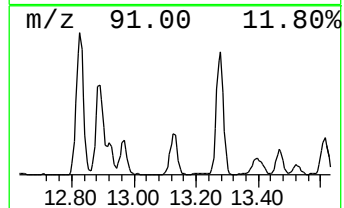
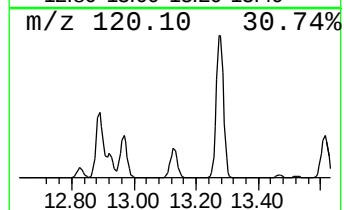
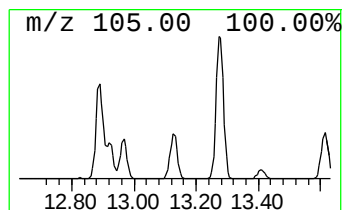
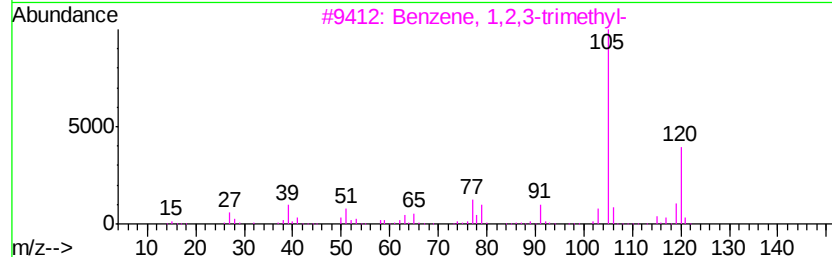
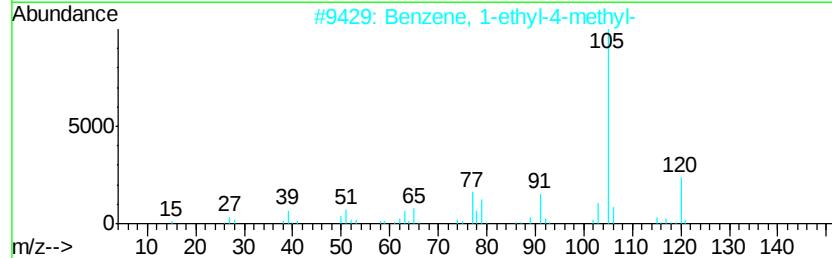
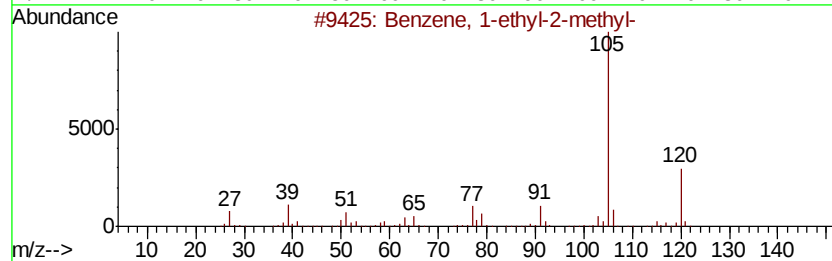
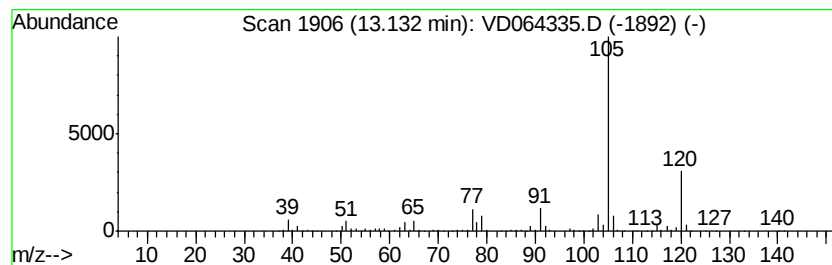
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	34.43 ug/l	2441650	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	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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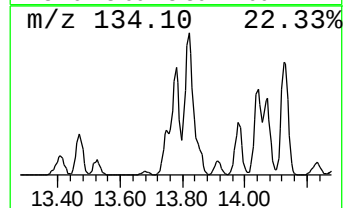
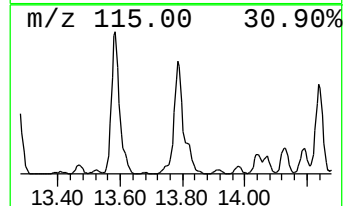
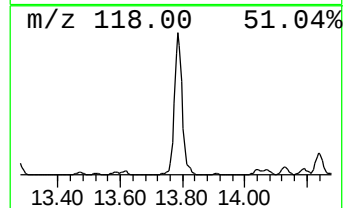
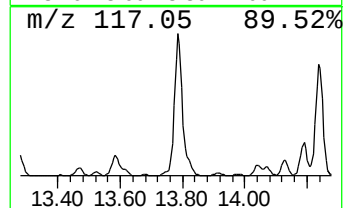
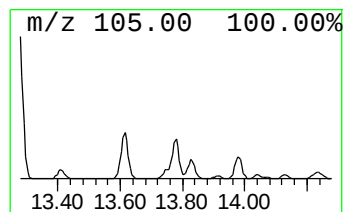
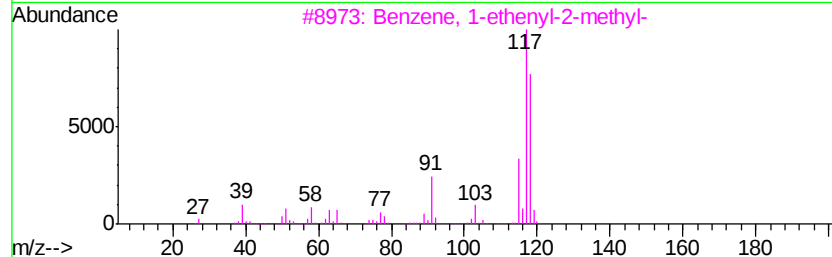
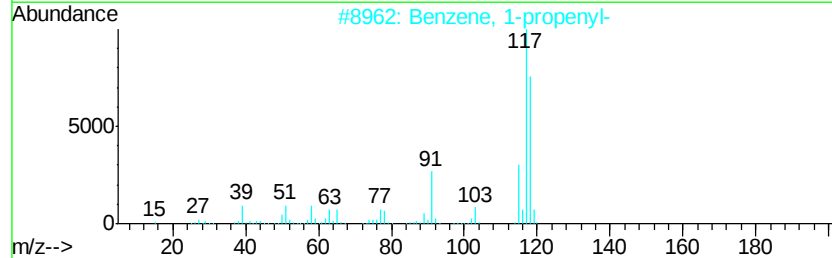
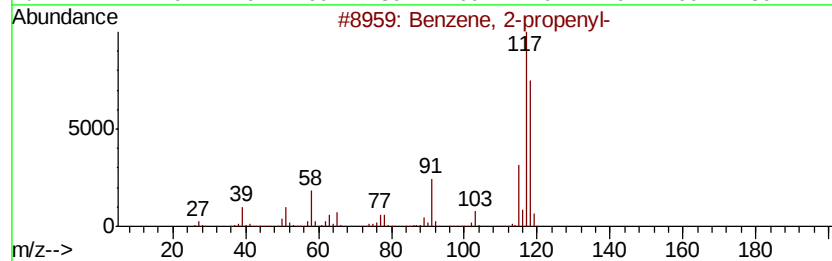
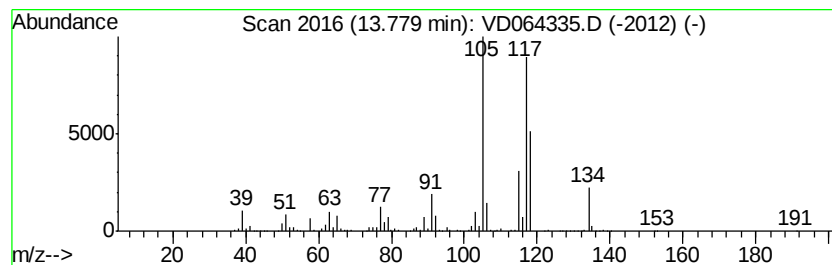
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	46.57 ug/l	3302780	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-propenyl-	118 C9H10	000300-57-2 64
2		Benzene, 1-propenyl-	118 C9H10	000637-50-3 64
3		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 64
4		Benzene, cyclopropyl-	118 C9H10	000873-49-4 64
5		Indane	118 C9H10	000496-11-7 53



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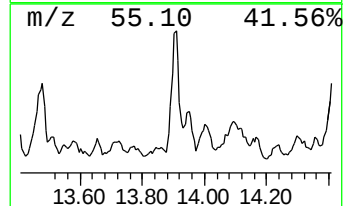
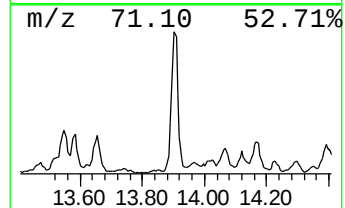
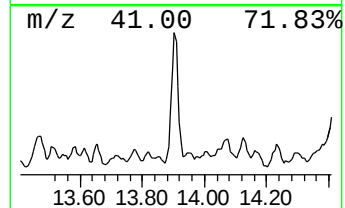
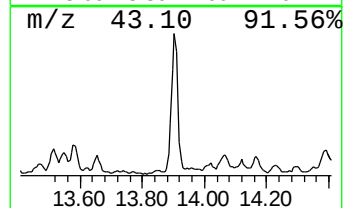
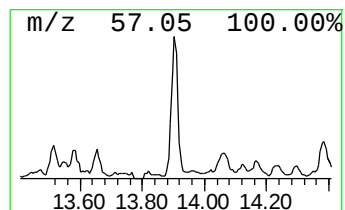
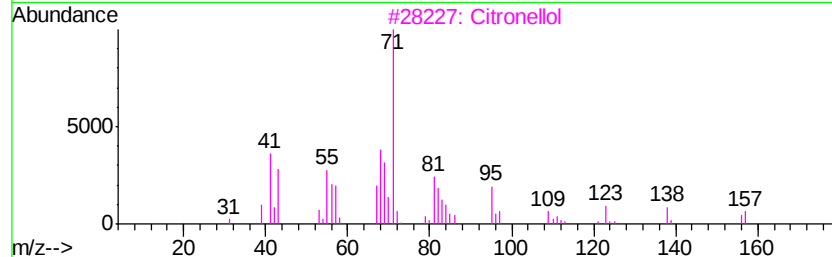
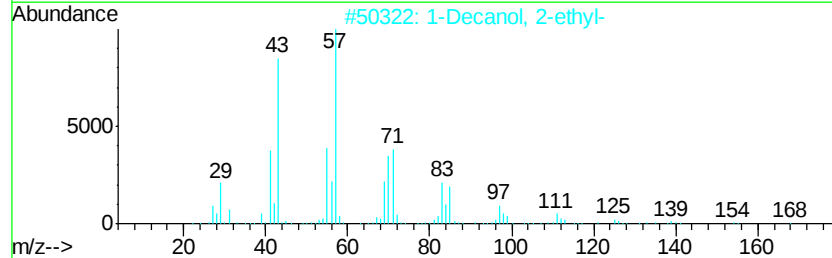
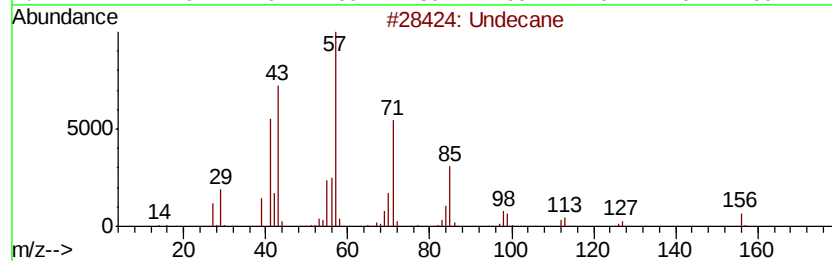
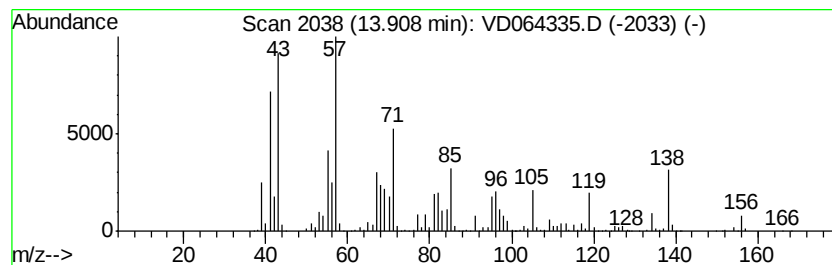
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 Quant Title : SW846 8260

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

 Peak Number 4 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	28.34 ug/l	2009760	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	92
2		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	30
3		Citronellol	156	C10H20O	000106-22-9	30
4		Dotriacontane	451	C32H66	000544-85-4	27
5		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064335.D
Acq On : 21 Nov 2019 20:18
Operator : VA/SY
Sample : K5972-01
Misc : 5.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
25441-26560

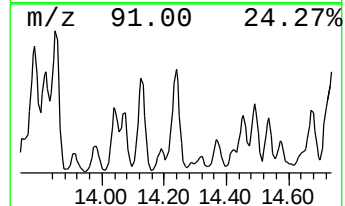
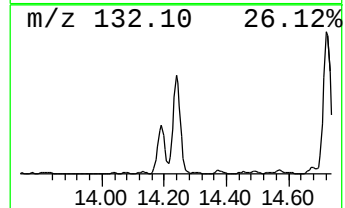
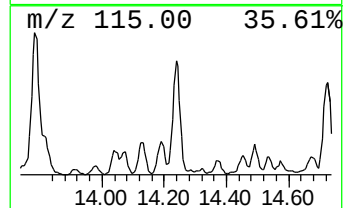
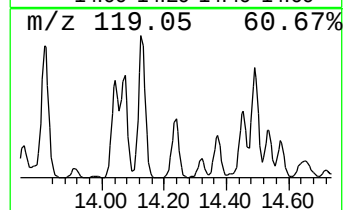
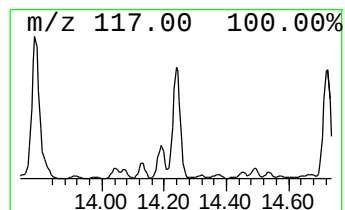
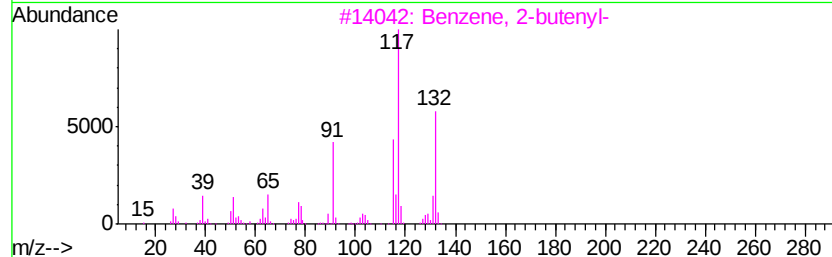
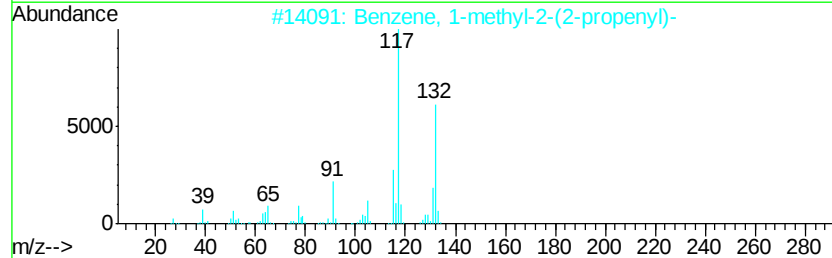
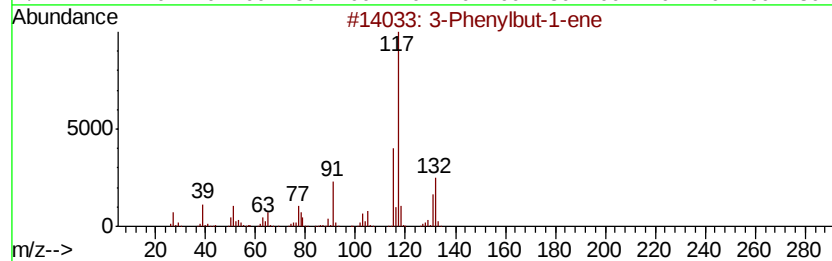
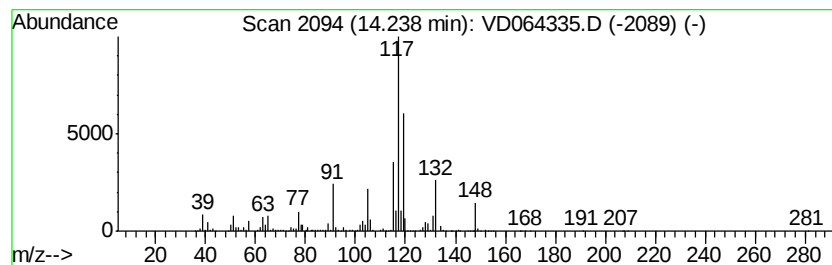
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Quant Title : SW846 8260

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

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	30.52 ug/l	2164540	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	60
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064335.D
Acq On : 21 Nov 2019 20:18
Operator : VA/SY
Sample : K5972-01
Misc : 5.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
25441-26560

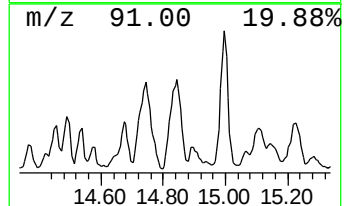
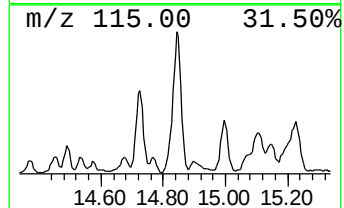
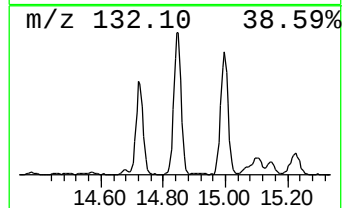
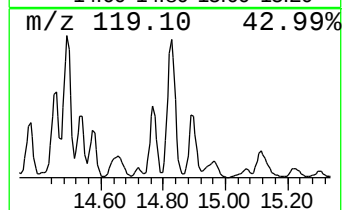
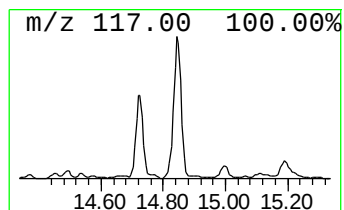
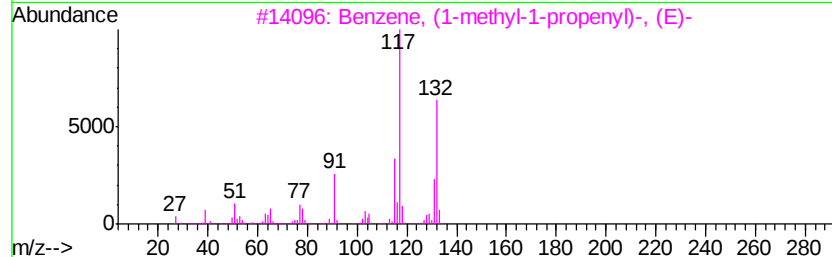
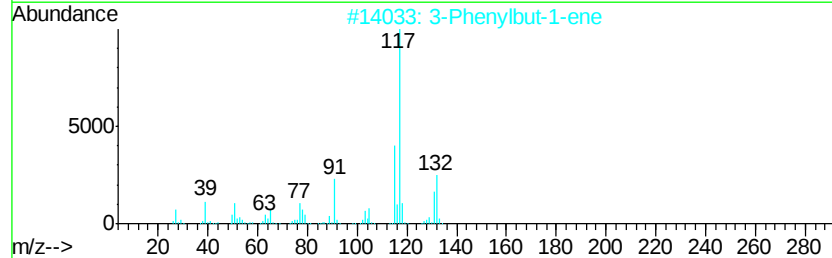
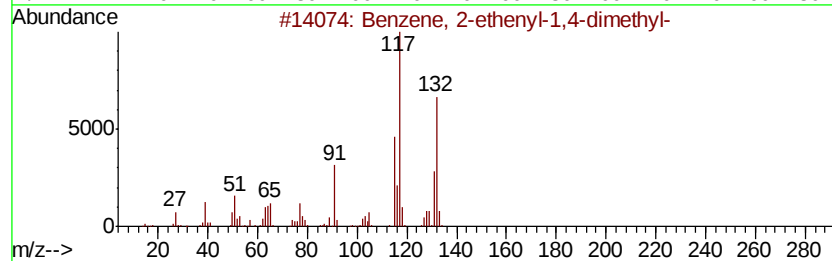
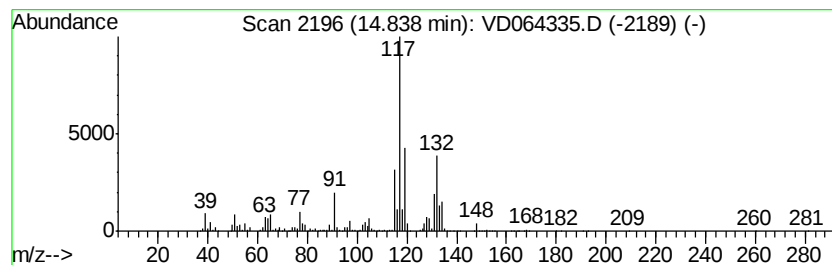
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	65.01 ug/l	4610600	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	92
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064335.D
Acq On : 21 Nov 2019 20:18
Operator : VA/SY
Sample : K5972-01
Misc : 5.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
25441-26560

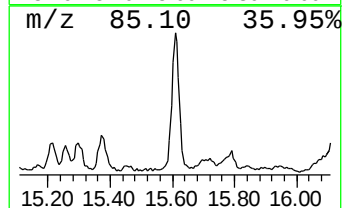
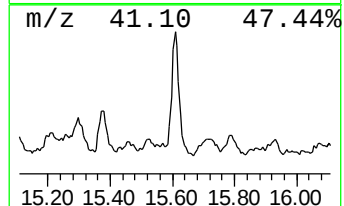
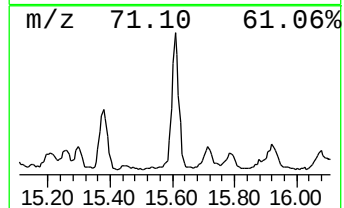
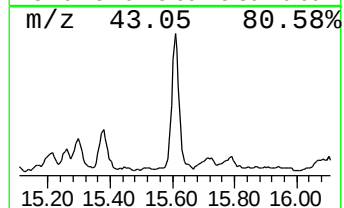
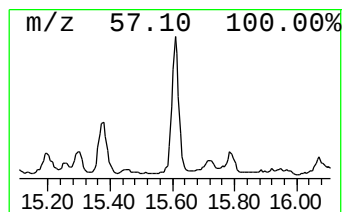
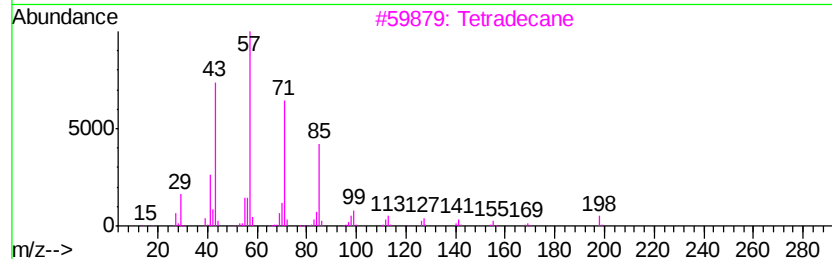
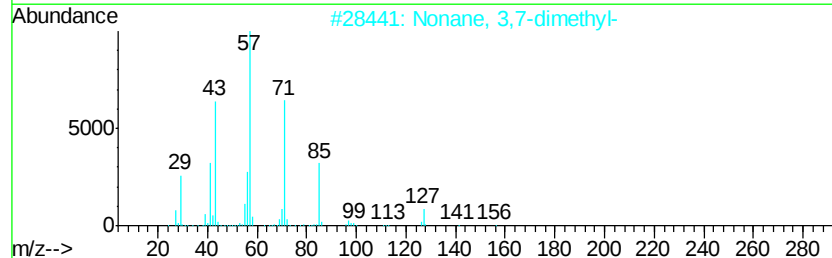
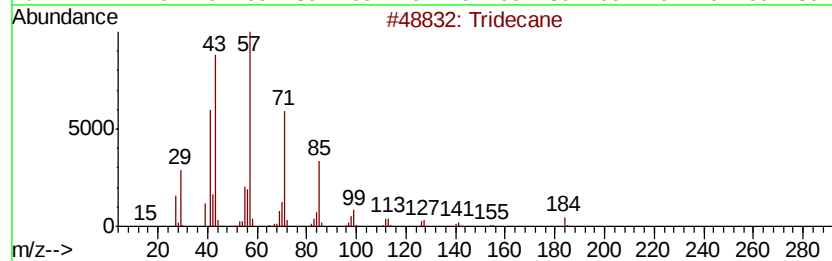
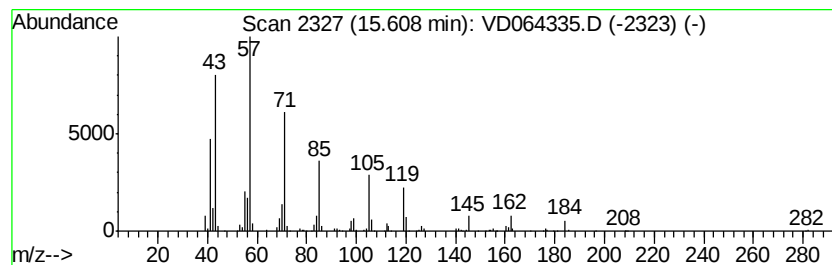
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Quant Title : SW846 8260

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

Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	28.84 ug/l	2045180	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	78
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
3		Tetradecane	198	C14H30	000629-59-4	46
4		Pentadecane	212	C15H32	000629-62-9	46
5		Dodecane	170	C12H26	000112-40-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064335.D
Acq On : 21 Nov 2019 20:18
Operator : VA/SY
Sample : K5972-01
Misc : 5.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

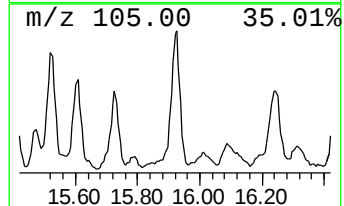
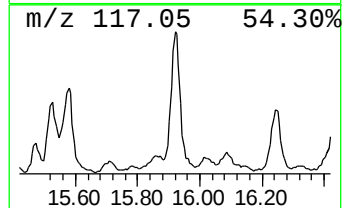
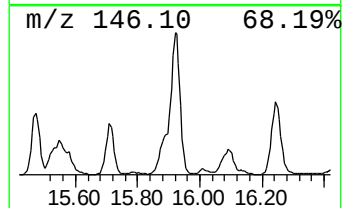
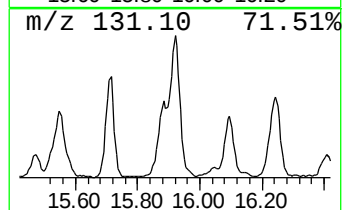
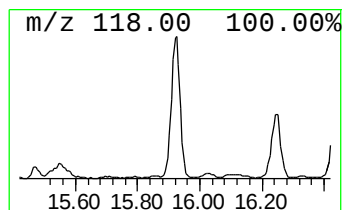
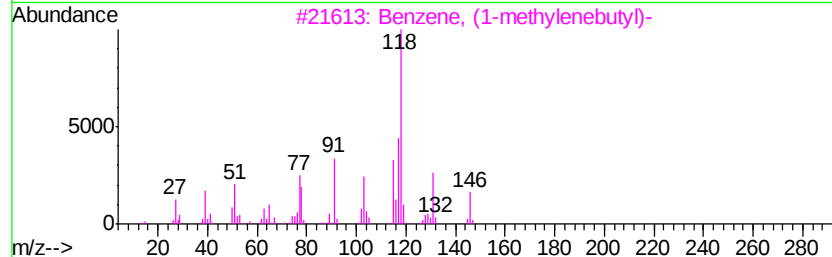
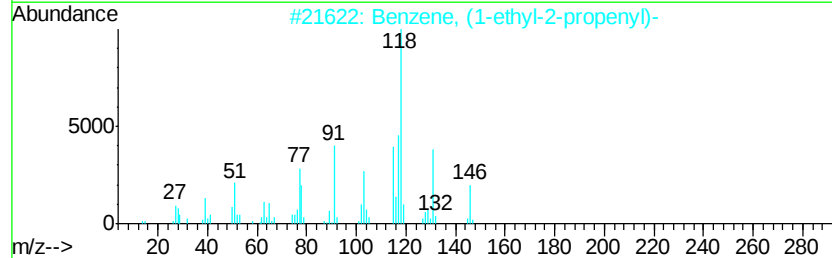
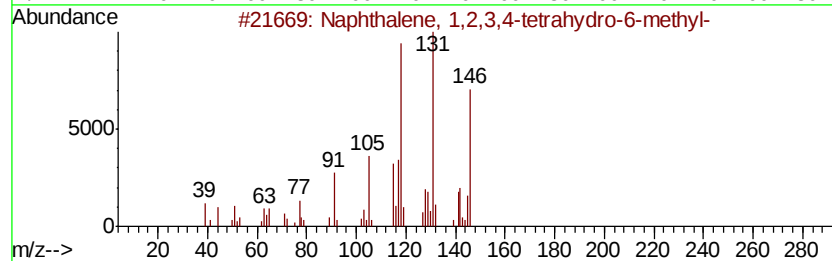
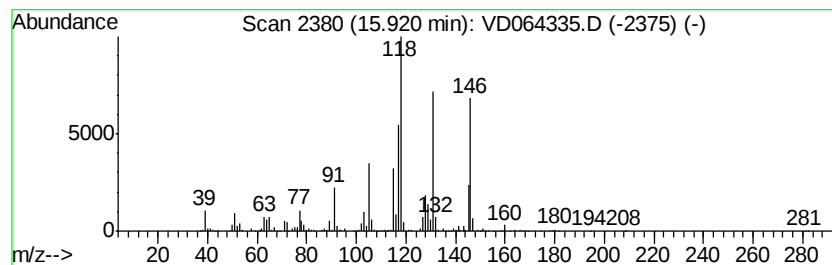
Instrument :
MSVOA_D
ClientSampleId :
25441-26560

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	50.23 ug/l	3562400	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 91
2		Benzene, (1-ethyl-2-propenyl)-	146 C11H14	019947-22-9 87
3		Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4 83
4		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 81
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112119\
Data File : VD064335.D
Acq On : 21 Nov 2019 20:18
Operator : VA/SY
Sample : K5972-01
Misc : 5.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
25441-26560

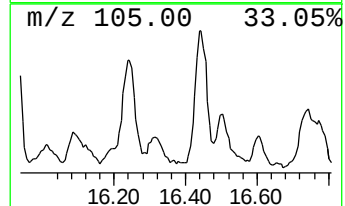
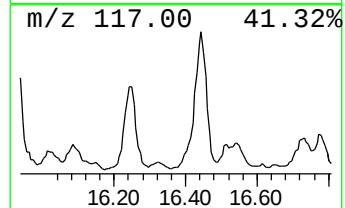
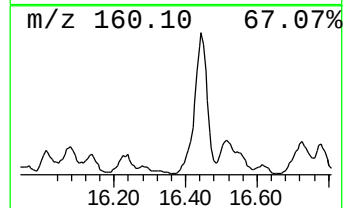
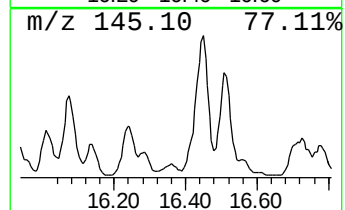
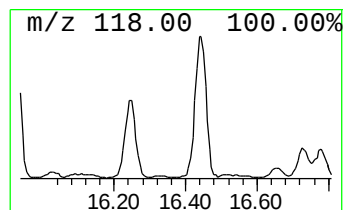
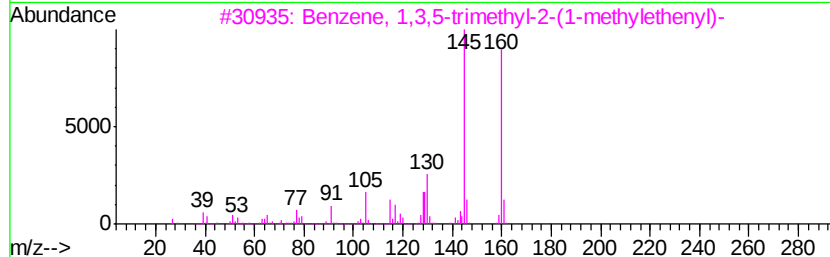
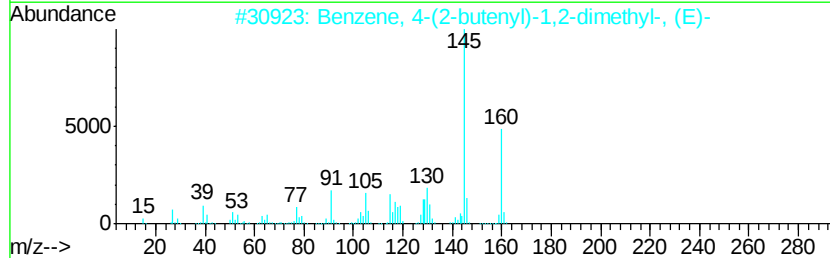
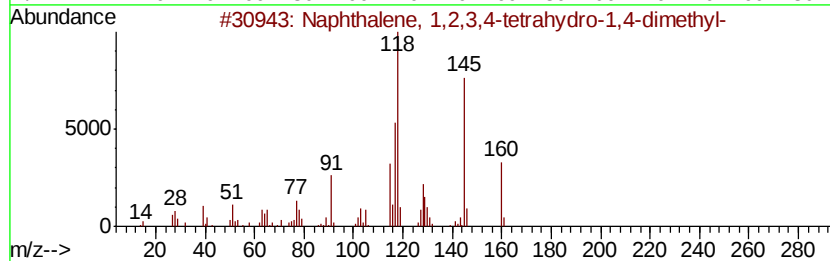
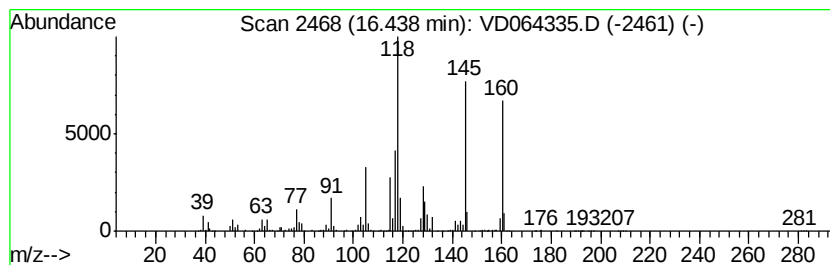
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	40.12 ug/l	2845560	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
4		Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	78
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112119\
Data File : VD064335.D
Acq On : 21 Nov 2019 20:18
Operator : VA/SY
Sample : K5972-01
Misc : 5.97G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
25441-26560

Quant Method : Z:\VOASRV\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	67.5	ug/l	4790730	4	13.58	3545980	50.0
Benzene, 1-ethyl-...	13.13	34.4	ug/l	2441650	4	13.58	3545980	50.0
Benzene, 2-propenyl-	13.78	46.6	ug/l	3302780	4	13.58	3545980	50.0
Undecane	13.91	28.3	ug/l	2009760	4	13.58	3545980	50.0
3-Phenylbut-1-ene	14.24	30.5	ug/l	2164540	4	13.58	3545980	50.0
Benzene, 2-etheny...	14.84	65.0	ug/l	4610600	4	13.58	3545980	50.0
Tridecane	15.61	28.8	ug/l	2045180	4	13.58	3545980	50.0
Naphthalene, 1,2,...	15.92	50.2	ug/l	3562400	4	13.58	3545980	50.0
Naphthalene, 1,2,...	16.44	40.1	ug/l	2845560	4	13.58	3545980	50.0