

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067598.D
 Acq On : 11 Nov 2020 13:19
 Operator : VA/SY
 Sample : L4702-03
 Misc : 5.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-6(0-10)

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\82D110320S.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	1009	1020	1025	rBV	230948	543593	11.05%	0.758%
2	7.985	1025	1031	1041	rVB	396252	894599	18.18%	1.248%
3	8.338	1078	1091	1102	rBV	184159	421133	8.56%	0.587%
4	8.867	1172	1181	1196	rBV	548779	1131567	22.99%	1.578%
5	10.344	1424	1432	1439	rBV	877322	1595145	32.42%	2.225%
6	11.649	1644	1654	1664	rBV	885994	1546528	31.43%	2.157%
7	11.861	1688	1690	1703	rVB8	44011	106093	2.16%	0.148%
8	12.491	1791	1797	1805	rVB3	67140	110601	2.25%	0.154%
9	12.638	1815	1822	1831	rVB	753397	1233048	25.06%	1.720%
10	12.885	1860	1864	1868	rBV	108639	183411	3.73%	0.256%
11	12.920	1868	1870	1873	rVV	64761	81539	1.66%	0.114%
12	12.961	1873	1877	1883	rVB	155949	255505	5.19%	0.356%
13	13.126	1898	1905	1911	rBV	136063	248583	5.05%	0.347%
14	13.220	1911	1921	1924	rVV4	115127	321470	6.53%	0.448%
15	13.273	1924	1930	1937	rVB	1559133	2514058	51.09%	3.507%
16	13.402	1943	1952	1958	rBV3	100392	251191	5.10%	0.350%
17	13.467	1958	1963	1967	rVV	195733	324319	6.59%	0.452%
18	13.520	1967	1972	1976	rVV	131176	225458	4.58%	0.314%
19	13.579	1976	1982	1984	rVV	906659	1420038	28.86%	1.981%
20	13.608	1984	1987	1997	rVB	1389150	2146346	43.62%	2.994%
21	13.773	2004	2015	2019	rBV2	1805070	3926222	79.79%	5.476%
22	13.814	2019	2022	2033	rVV4	1927083	4005801	81.40%	5.587%
23	13.902	2033	2037	2043	rVV3	191817	318678	6.48%	0.444%
24	13.973	2043	2049	2054	rVV	808056	1279583	26.00%	1.785%
25	14.038	2054	2060	2062	rVV	1447657	2442135	49.63%	3.406%
26	14.067	2062	2065	2069	rVV	1447428	2089867	42.47%	2.915%
27	14.120	2069	2074	2081	rVV	2838926	4374622	88.90%	6.102%
28	14.185	2081	2085	2086	rVV	72750	91304	1.86%	0.127%
29	14.232	2086	2093	2098	rVV2	841081	1552153	31.54%	2.165%
30	14.279	2098	2101	2103	rVV	112320	172209	3.50%	0.240%
31	14.308	2103	2106	2110	rVV3	135879	224729	4.57%	0.313%
32	14.361	2110	2115	2120	rVV	831969	1351360	27.46%	1.885%
33	14.443	2120	2129	2132	rVV	2067956	3500454	71.13%	4.882%
34	14.485	2132	2136	2140	rVV	3090451	4877398	99.11%	6.803%

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35	14.526	2140	2143	2147	rVV	694575	1038784	21.11%	1.449%
36	14.567	2147	2150	2158	rVV2	428387	799999	16.26%	1.116%
37	14.632	2158	2161	2163	rVV2	127695	188940	3.84%	0.264%
38	14.667	2163	2167	2171	rVV	393381	613437	12.47%	0.856%
39	14.714	2171	2175	2179	rVV2	909075	1604025	32.60%	2.237%
40	14.761	2179	2183	2187	rVV	675446	1065367	21.65%	1.486%
41	14.826	2187	2194	2201	rVV3	2050566	4920966	100.00%	6.864%
42	14.885	2201	2204	2210	rVV	605482	1009625	20.52%	1.408%
43	14.932	2210	2212	2218	rVV3	62022	106482	2.16%	0.149%
44	14.990	2218	2222	2224	rVV2	65334	106020	2.15%	0.148%
45	15.020	2224	2227	2232	rVV	98158	155562	3.16%	0.217%
46	15.102	2235	2241	2253	rVV	893094	2121995	43.12%	2.960%
47	15.208	2253	2259	2267	rVB2	460956	882972	17.94%	1.232%
48	15.402	2280	2292	2299	rVB	1248059	2458545	49.96%	3.429%
49	15.514	2304	2311	2316	rBV2	226278	423018	8.60%	0.590%
50	15.567	2316	2320	2322	rVV2	80676	122439	2.49%	0.171%
51	15.602	2322	2326	2335	rVB	324011	524268	10.65%	0.731%
52	15.702	2335	2343	2350	rBV	264973	611638	12.43%	0.853%
53	15.873	2368	2372	2379	rVB3	93995	179142	3.64%	0.250%
54	16.002	2389	2394	2399	rBV	148640	275173	5.59%	0.384%
55	16.079	2400	2407	2413	rVV5	129597	394709	8.02%	0.551%
56	16.149	2414	2419	2423	rVV2	113886	191432	3.89%	0.267%
57	16.196	2423	2427	2436	rVV6	157825	381663	7.76%	0.532%
58	16.279	2436	2441	2447	rVB4	179944	349102	7.09%	0.487%
59	16.349	2447	2453	2461	rBV	217718	419786	8.53%	0.586%
60	16.496	2471	2478	2484	rBV	594575	1300910	26.44%	1.815%
61	16.561	2484	2489	2502	rVV	1128399	2125954	43.20%	2.965%
62	16.702	2503	2513	2525	rVB	499839	1561552	31.73%	2.178%

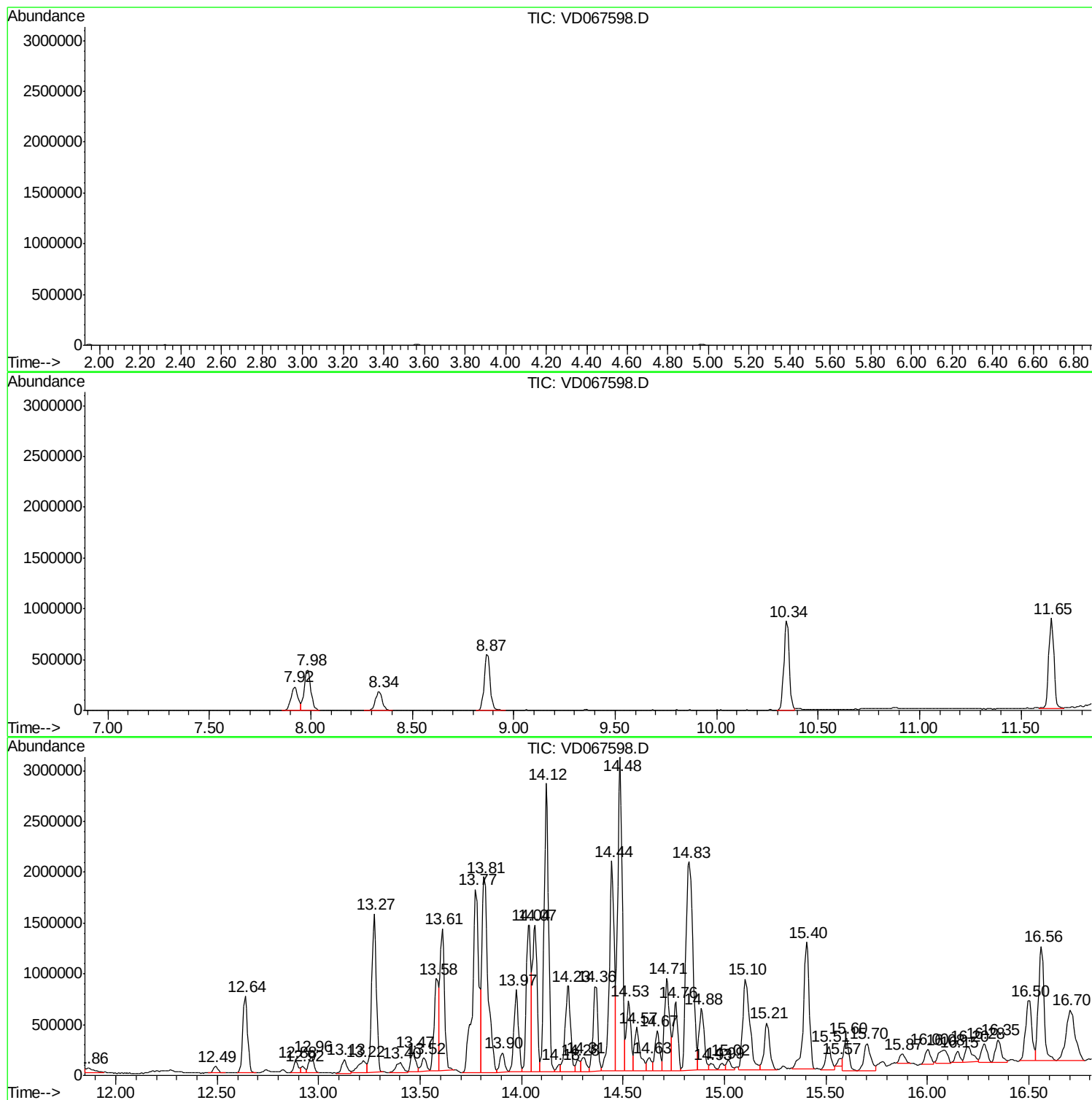
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Quant Title : SW846 8260

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



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Instrument :
MSVOA_D
ClientSampled :
M-6(0-10)

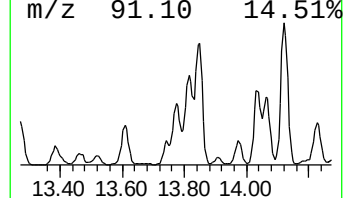
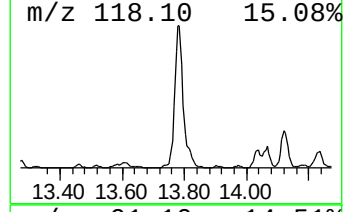
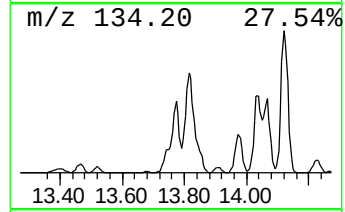
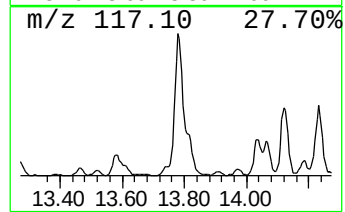
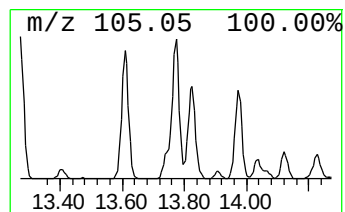
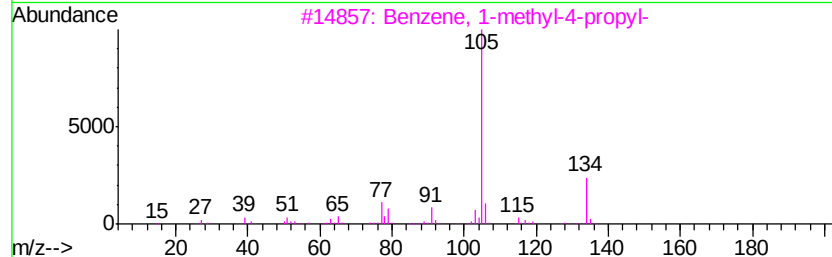
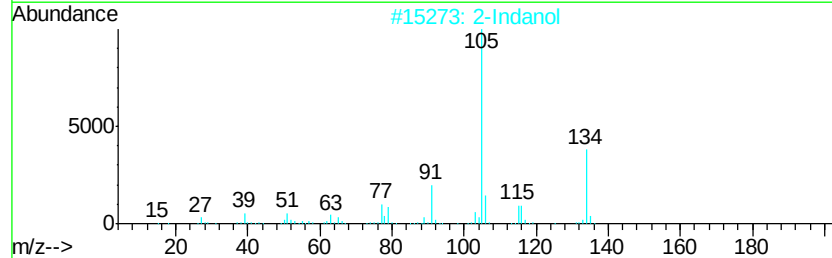
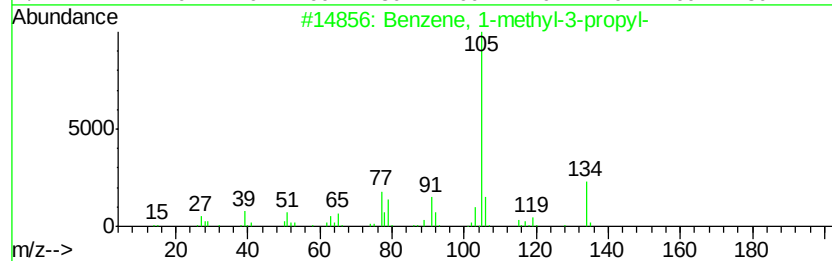
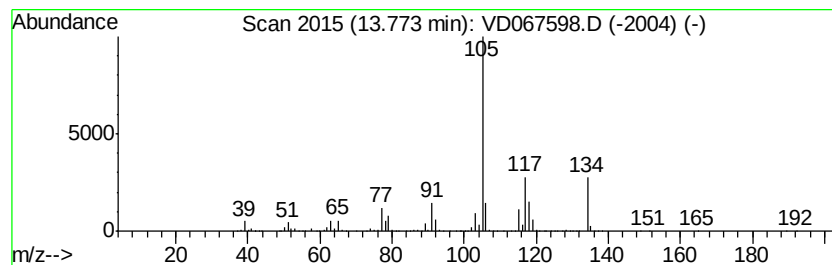
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	138.24 ug/l	3926220	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	78
2		2-Indanol	134	C9H10O	004254-29-9	70
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50



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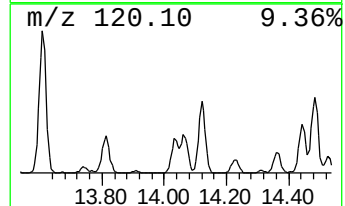
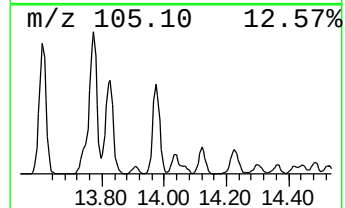
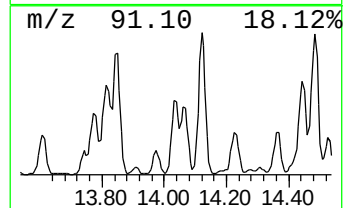
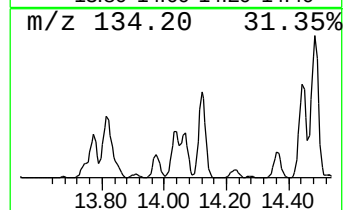
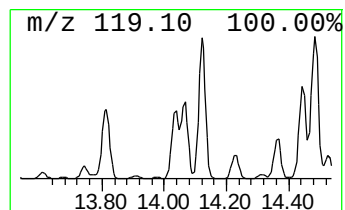
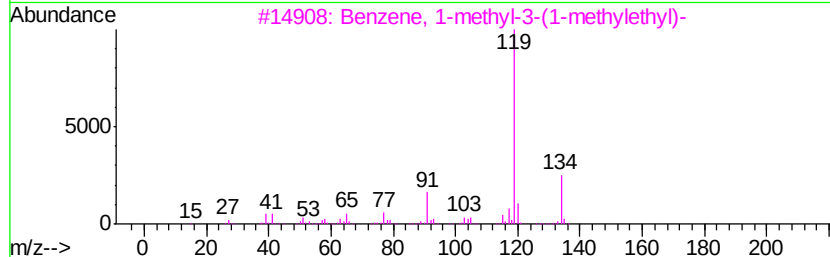
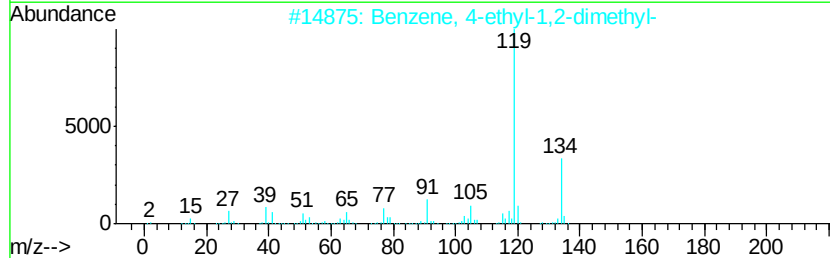
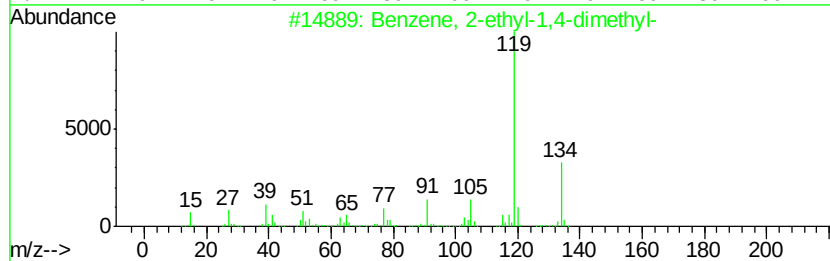
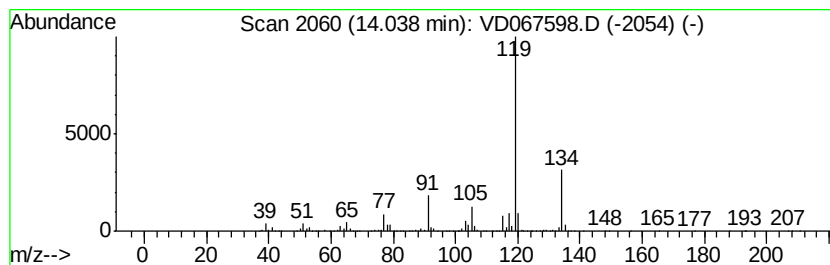
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	85.99 ug/l	2442140	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



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Misc : 5.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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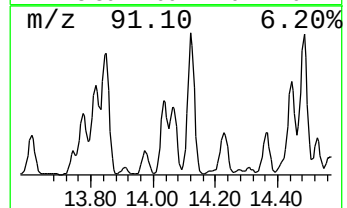
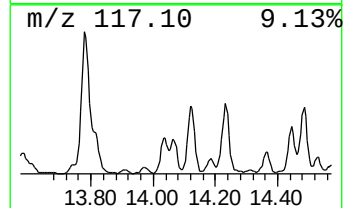
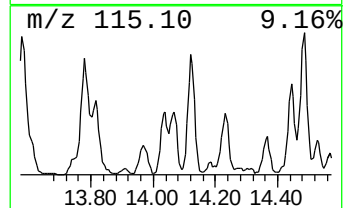
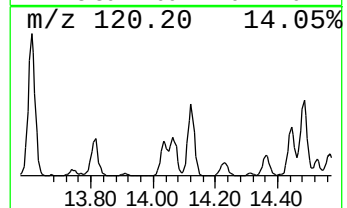
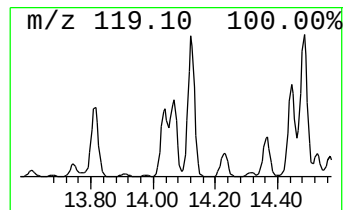
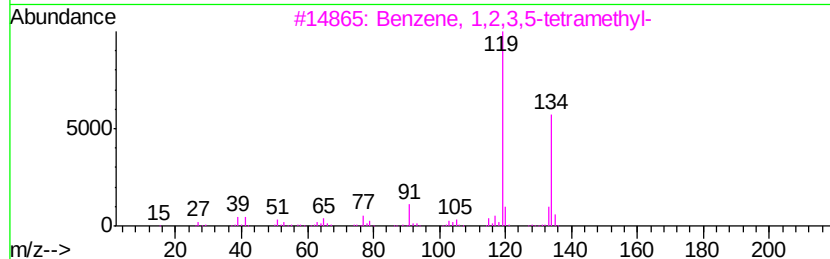
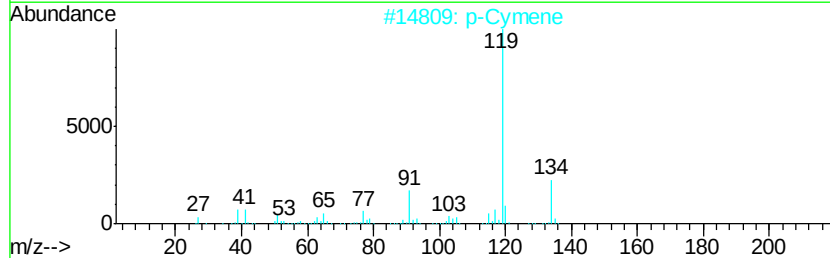
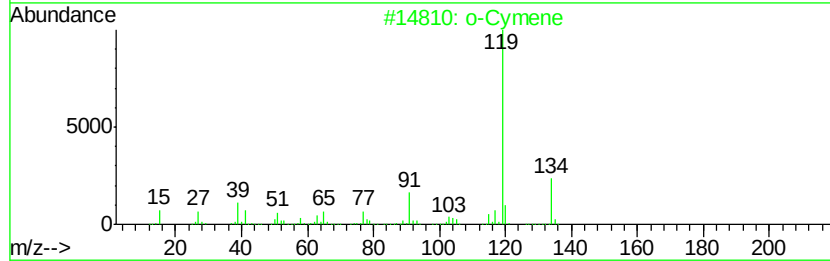
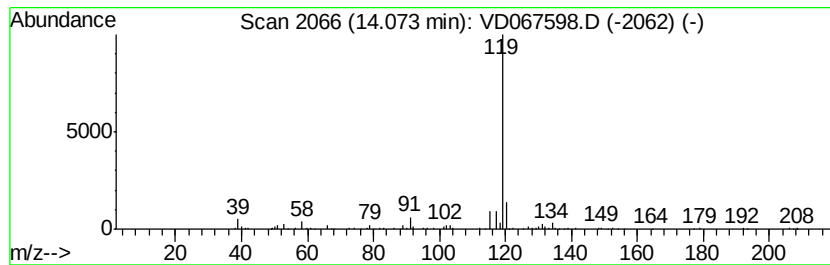
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Quant Title : SW846 8260

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

Peak Number 3 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	73.58 ug/l	2089870	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		p-Cymene	134	C10H14	000099-87-6	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



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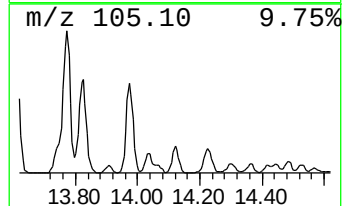
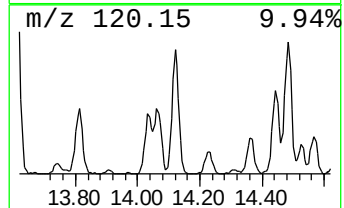
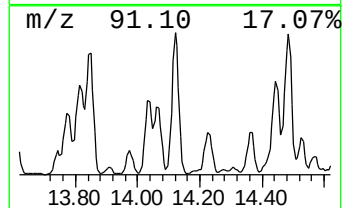
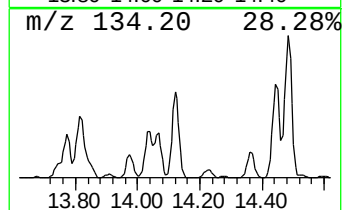
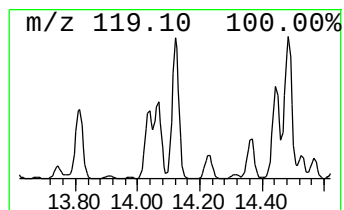
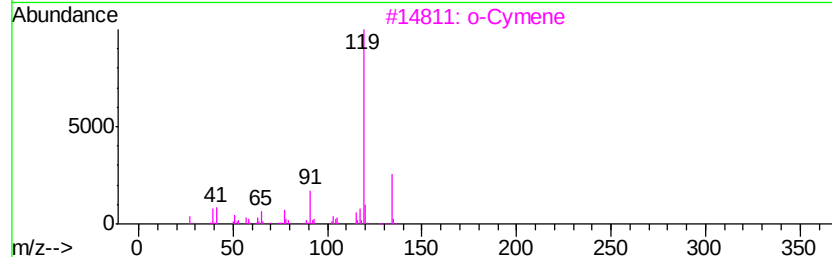
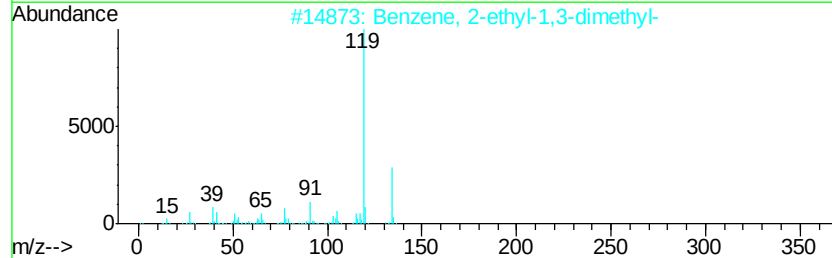
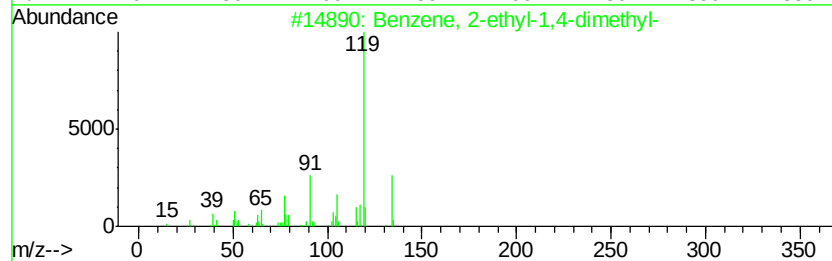
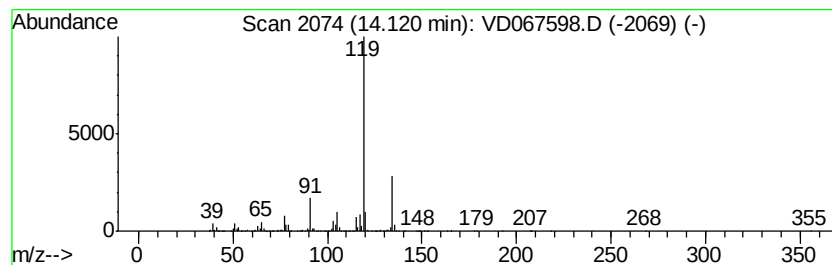
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	154.03 ug/l	4374620	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



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ClientSampleId :
M-6(0-10)

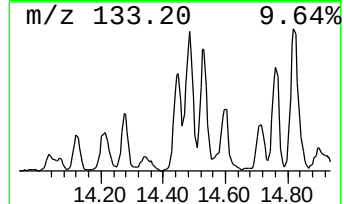
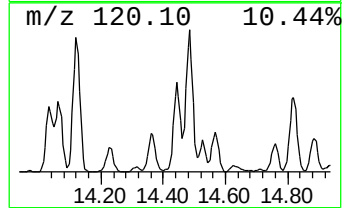
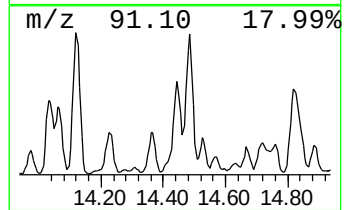
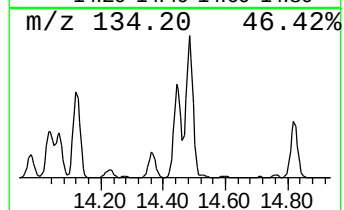
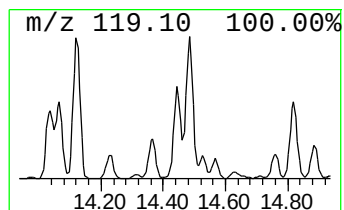
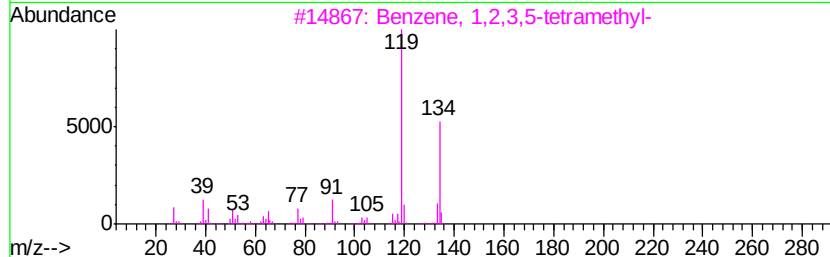
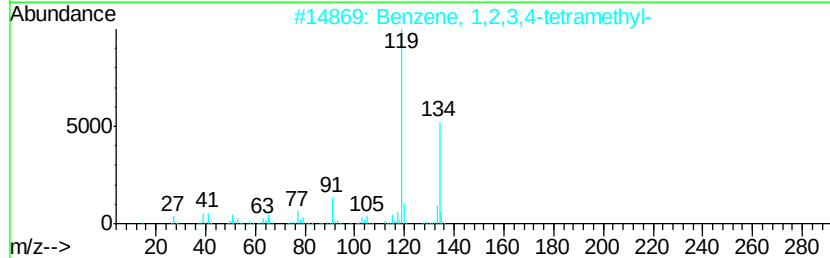
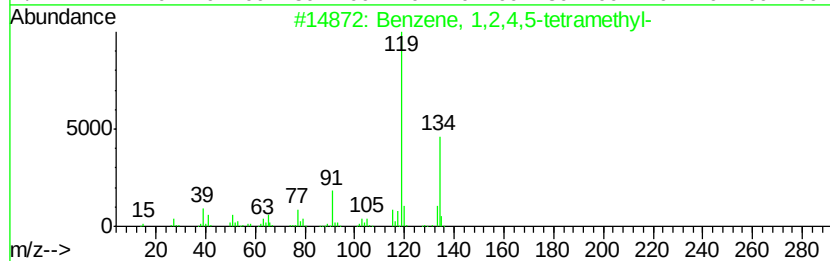
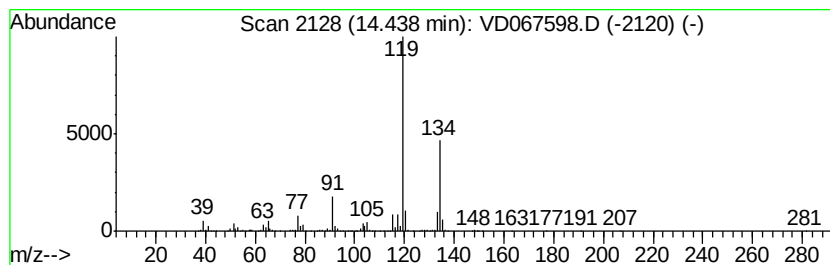
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	123.25 ug/l	3500450	1,4-Dichlorobenzene-d4	13.58

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067598.D
Acq On : 11 Nov 2020 13:19
Operator : VA/SY
Sample : L4702-03
Misc : 5.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
M-6(0-10)

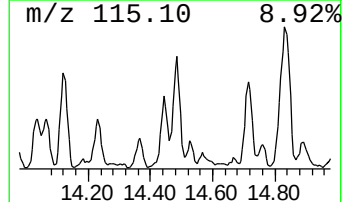
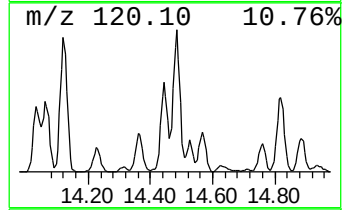
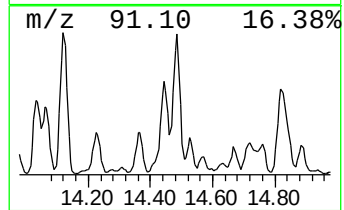
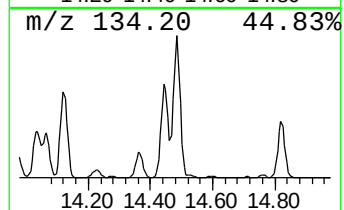
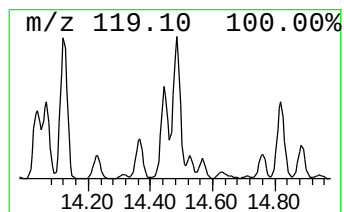
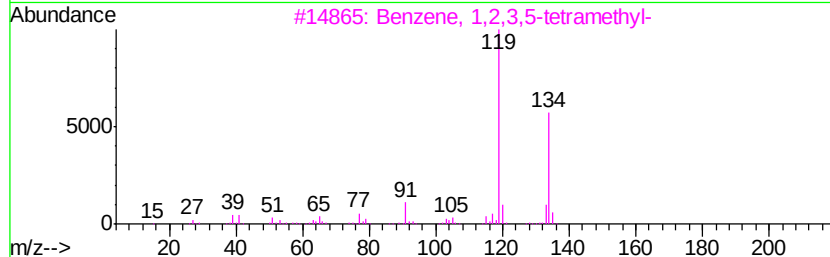
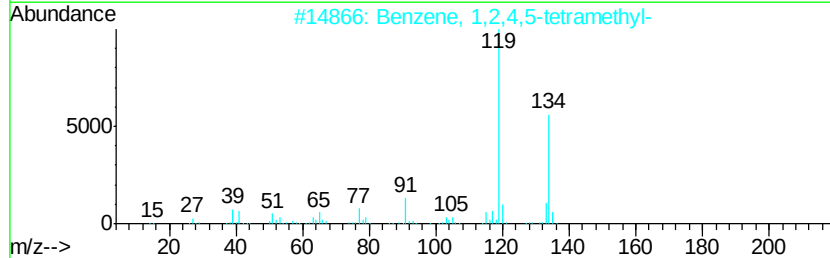
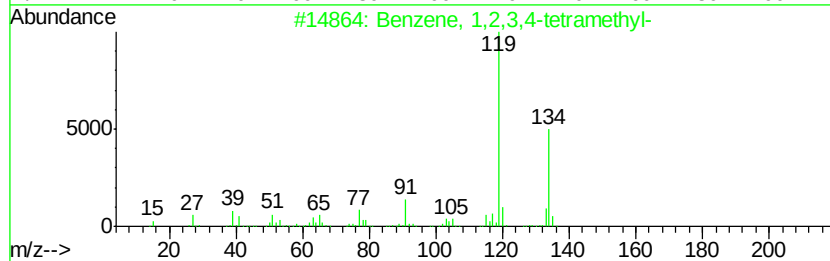
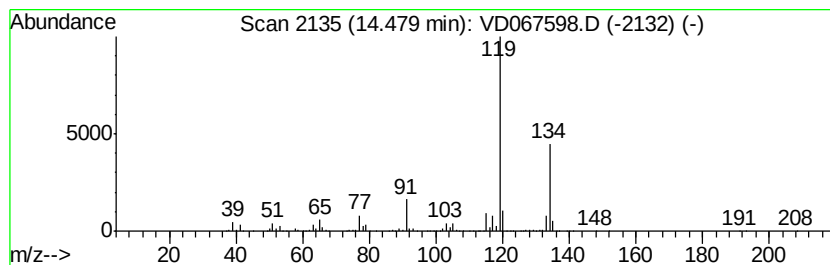
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	171.74 ug/l	4877400	1,4-Dichlorobenzene-d4	13.58

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067598.D
Acq On : 11 Nov 2020 13:19
Operator : VA/SY
Sample : L4702-03
Misc : 5.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

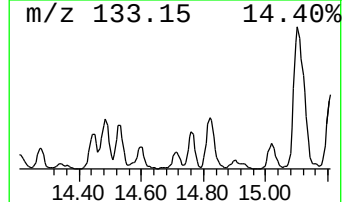
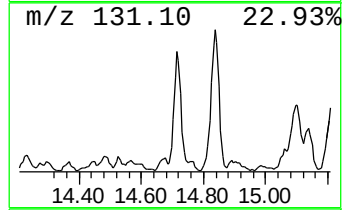
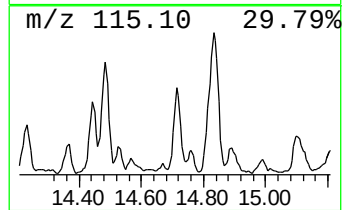
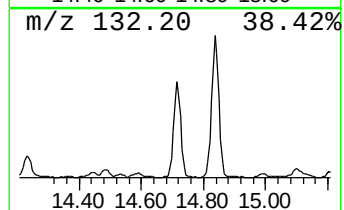
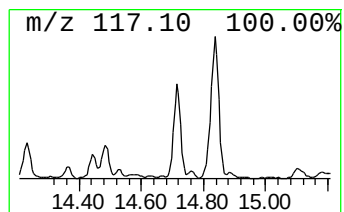
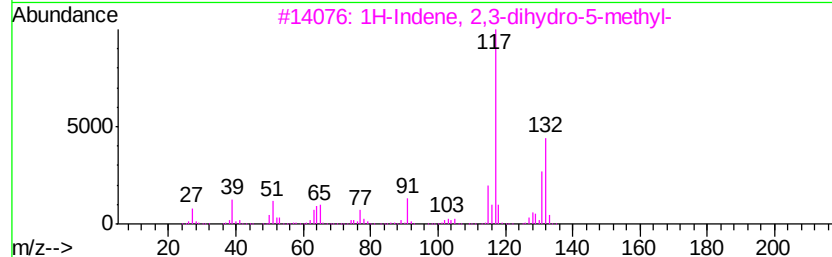
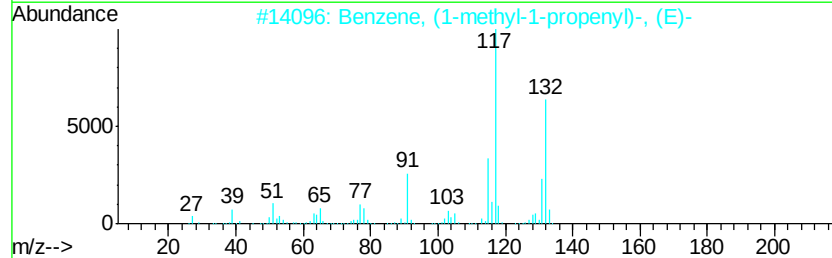
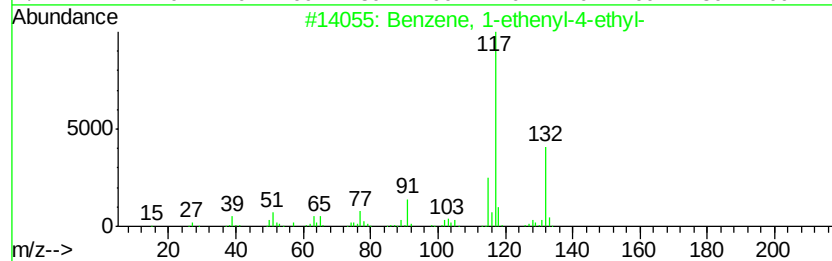
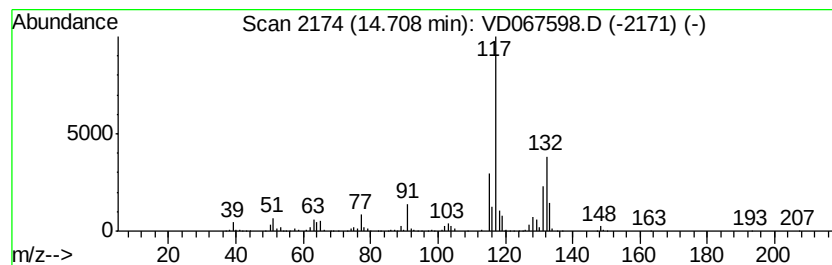
Instrument :
MSVOA_D
ClientSampleId :
M-6(0-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	56.48 ug/l	1604030	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 93
2		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 87
3		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 87
4		3-Phenylbut-1-ene	132 C10H12	000934-10-1 87
5		1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067598.D
Acq On : 11 Nov 2020 13:19
Operator : VA/SY
Sample : L4702-03
Misc : 5.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

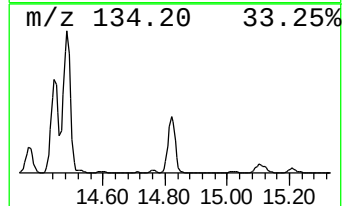
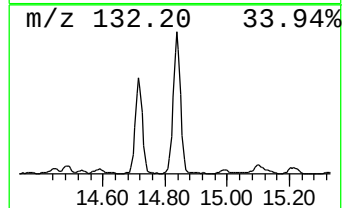
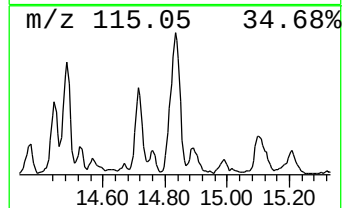
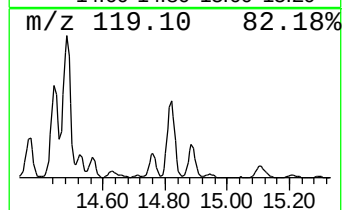
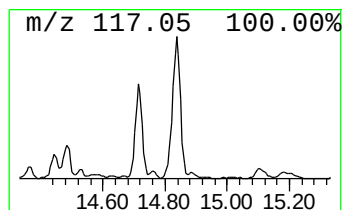
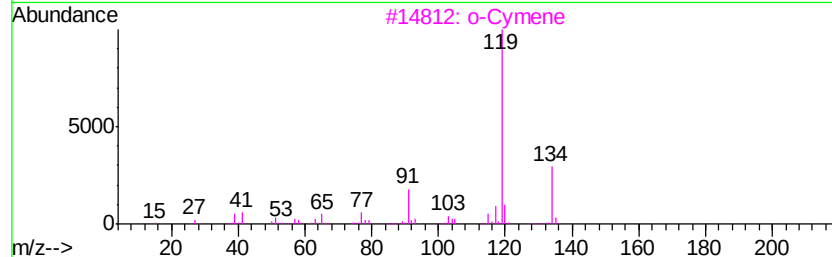
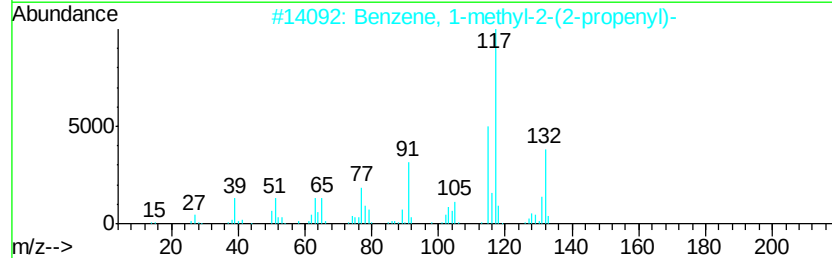
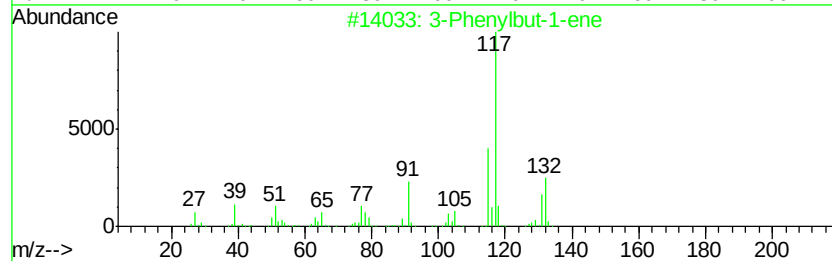
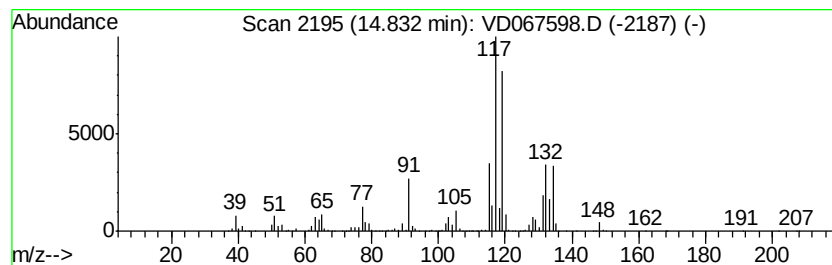
Instrument :
MSVOA_D
ClientSampleId :
M-6(0-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	173.27 ug/l	4920970	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8	70
3	o-Cymene	134 C10H14	000527-84-4	64
4	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	64
5	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067598.D
Acq On : 11 Nov 2020 13:19
Operator : VA/SY
Sample : L4702-03
Misc : 5.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
M-6(0-10)

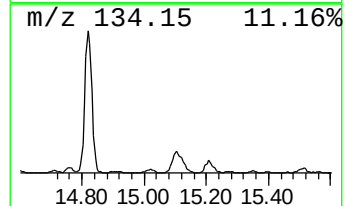
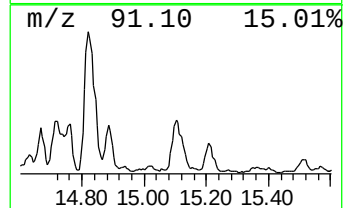
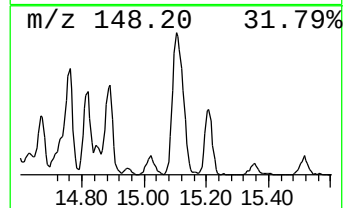
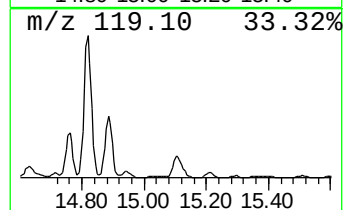
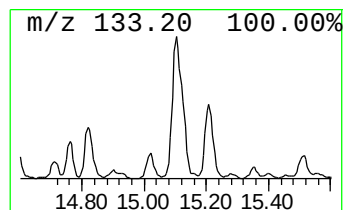
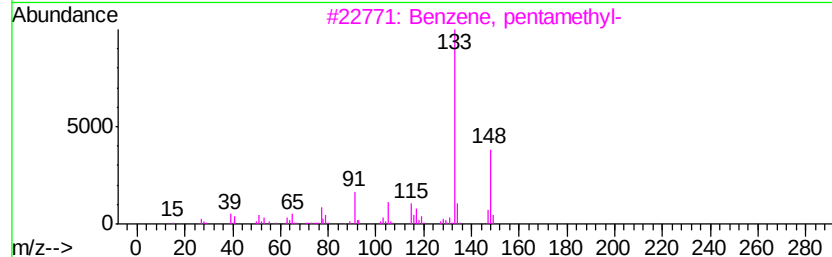
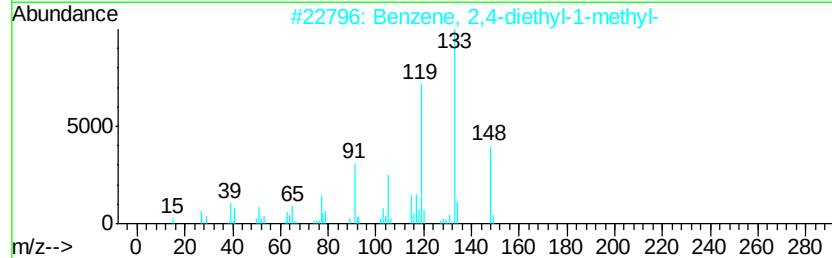
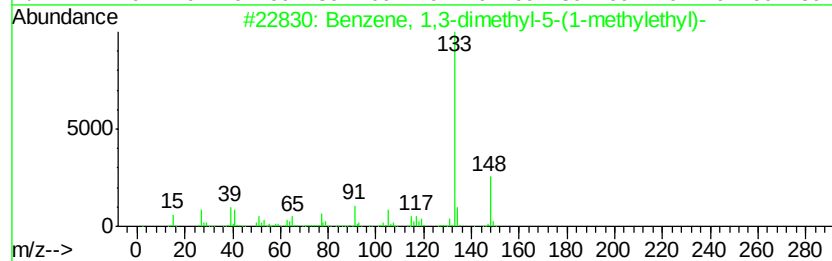
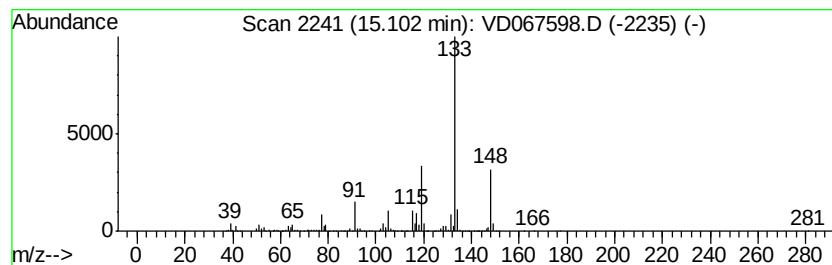
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	74.72 ug/l	2122000	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	93
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
5		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067598.D
Acq On : 11 Nov 2020 13:19
Operator : VA/SY
Sample : L4702-03
Misc : 5.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

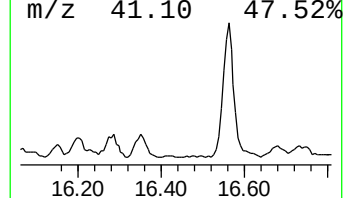
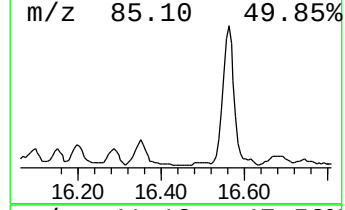
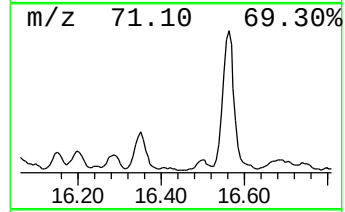
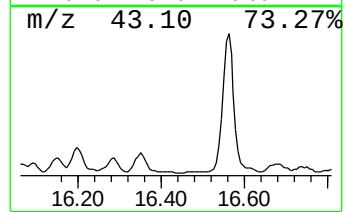
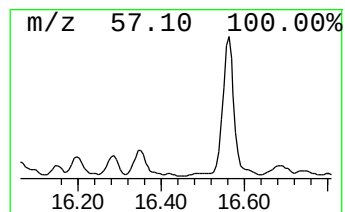
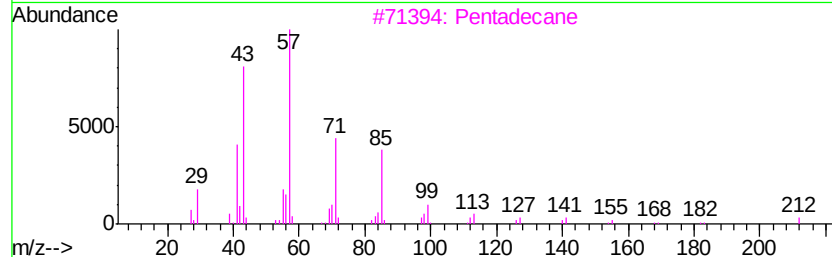
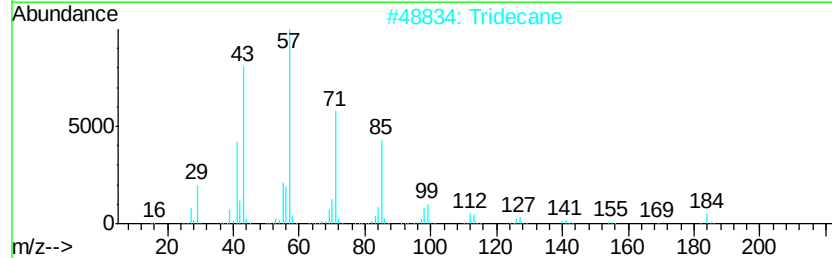
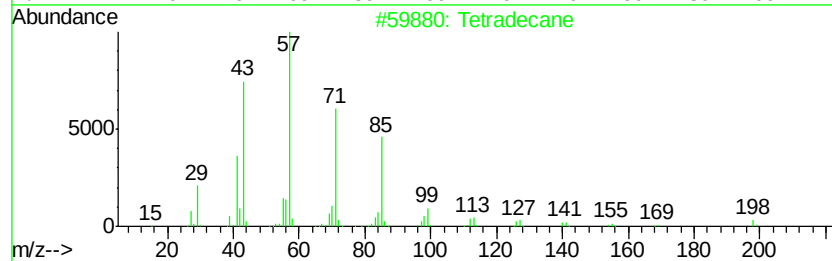
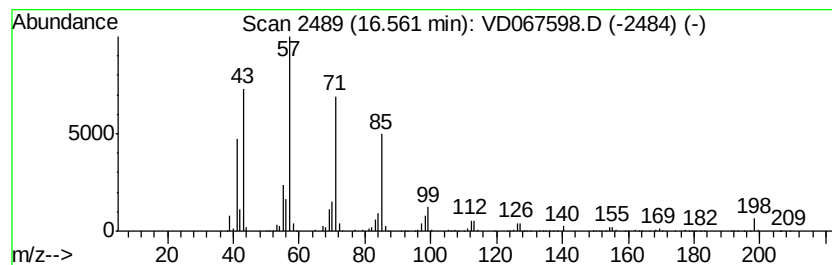
Instrument :
MSVOA_D
ClientSampleId :
M-6(0-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.56	74.86 ug/l	2125950	1,4-Dichlorobenzene-d4		13.58		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tridecane	184	C13H28	000629-50-5	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111120\
 Data File : VD067598.D
 Acq On : 11 Nov 2020 13:19
 Operator : VA/SY
 Sample : L4702-03
 Misc : 5.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-6(0-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.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-methyl...	13.77	138.2	ug/l	3926220	4	13.58	1420040	50.0
Benzene, 2-ethyl...	14.04	86.0	ug/l	2442140	4	13.58	1420040	50.0
o-Cymene	14.07	73.6	ug/l	2089870	4	13.58	1420040	50.0
Benzene, 2-ethyl...	14.12	154.0	ug/l	4374620	4	13.58	1420040	50.0
Benzene, 1,2,4,5...	14.44	123.3	ug/l	3500450	4	13.58	1420040	50.0
Benzene, 1,2,3,4...	14.48	171.7	ug/l	4877400	4	13.58	1420040	50.0
Benzene, 1-etheny...	14.71	56.5	ug/l	1604030	4	13.58	1420040	50.0
3-Phenylbut-1-ene	14.83	173.3	ug/l	4920970	4	13.58	1420040	50.0
Benzene, 1,3-dime...	15.10	74.7	ug/l	2122000	4	13.58	1420040	50.0
Tetradecane	16.56	74.9	ug/l	2125950	4	13.58	1420040	50.0