

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065904.D
 Acq On : 01 Jul 2020 14:13
 Operator : VA/SY
 Sample : L3160-01
 Misc : 8.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MUDDY-DRUM

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\82D062620S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.961	502	517	530	rBV2	39188	123344	1.40%	0.470%
2	7.914	1009	1019	1024	rBV2	39692	93442	1.06%	0.356%
3	7.979	1024	1030	1041	rVB2	60609	133206	1.51%	0.507%
4	8.338	1082	1091	1105	rVB4	82222	223318	2.53%	0.851%
5	8.867	1173	1181	1190	rBV	96294	192996	2.18%	0.735%
6	10.343	1422	1432	1437	rBV	123768	232463	2.63%	0.886%
7	10.402	1437	1442	1454	rVB	102113	192409	2.18%	0.733%
8	11.649	1646	1654	1662	rBV	139019	252250	2.85%	0.961%
9	11.749	1664	1671	1677	rBV	200297	345527	3.91%	1.316%
10	11.855	1677	1689	1700	rVB	1042083	1975058	22.34%	7.524%
11	12.184	1734	1745	1754	rBV	555873	930554	10.53%	3.545%
12	12.637	1816	1822	1831	rVB	107759	186835	2.11%	0.712%
13	12.826	1847	1854	1859	rBV	109305	176423	2.00%	0.672%
14	12.884	1859	1864	1868	rBV	376436	659624	7.46%	2.513%
15	12.920	1868	1870	1873	rVV	198861	257714	2.92%	0.982%
16	12.961	1873	1877	1884	rVB	489952	796974	9.02%	3.036%
17	13.126	1898	1905	1914	rBV	146509	263562	2.98%	1.004%
18	13.273	1921	1930	1936	rBV	1771810	2732284	30.91%	10.408%
19	13.608	1977	1987	1991	rBV2	467752	1030530	11.66%	3.926%
20	13.649	1991	1994	2003	rVB	369596	561878	6.36%	2.140%
21	13.737	2003	2009	2011	rBV3	55184	94073	1.06%	0.358%
22	13.784	2011	2017	2031	rVB	1246955	2276758	25.76%	8.673%
23	13.961	2040	2047	2055	rVB	740118	1272714	14.40%	4.848%
24	14.067	2062	2065	2069	rVV2	65879	94825	1.07%	0.361%
25	14.120	2069	2074	2080	rVB3	129974	226513	2.56%	0.863%
26	14.449	2120	2130	2132	rBV3	84012	176345	1.99%	0.672%
27	14.484	2132	2136	2141	rVB	144778	214674	2.43%	0.818%
28	14.584	2148	2153	2158	rBV3	54086	89323	1.01%	0.340%
29	14.720	2170	2176	2181	rBV2	81015	135871	1.54%	0.518%
30	14.825	2187	2194	2201	rBV4	118633	254127	2.87%	0.968%
31	14.902	2201	2207	2215	rVB2	123300	214658	2.43%	0.818%
32	14.990	2215	2222	2230	rBV2	218911	374244	4.23%	1.426%
33	15.408	2284	2293	2304	rBV	5058682	8839824	100.00%	33.674%
34	16.508	2472	2480	2491	rVB	204101	434583	4.92%	1.655%

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MUDDY-DRUM

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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35	16.714	2505	2515	2524	rBV2	87118	192584	2.18%	0.734%
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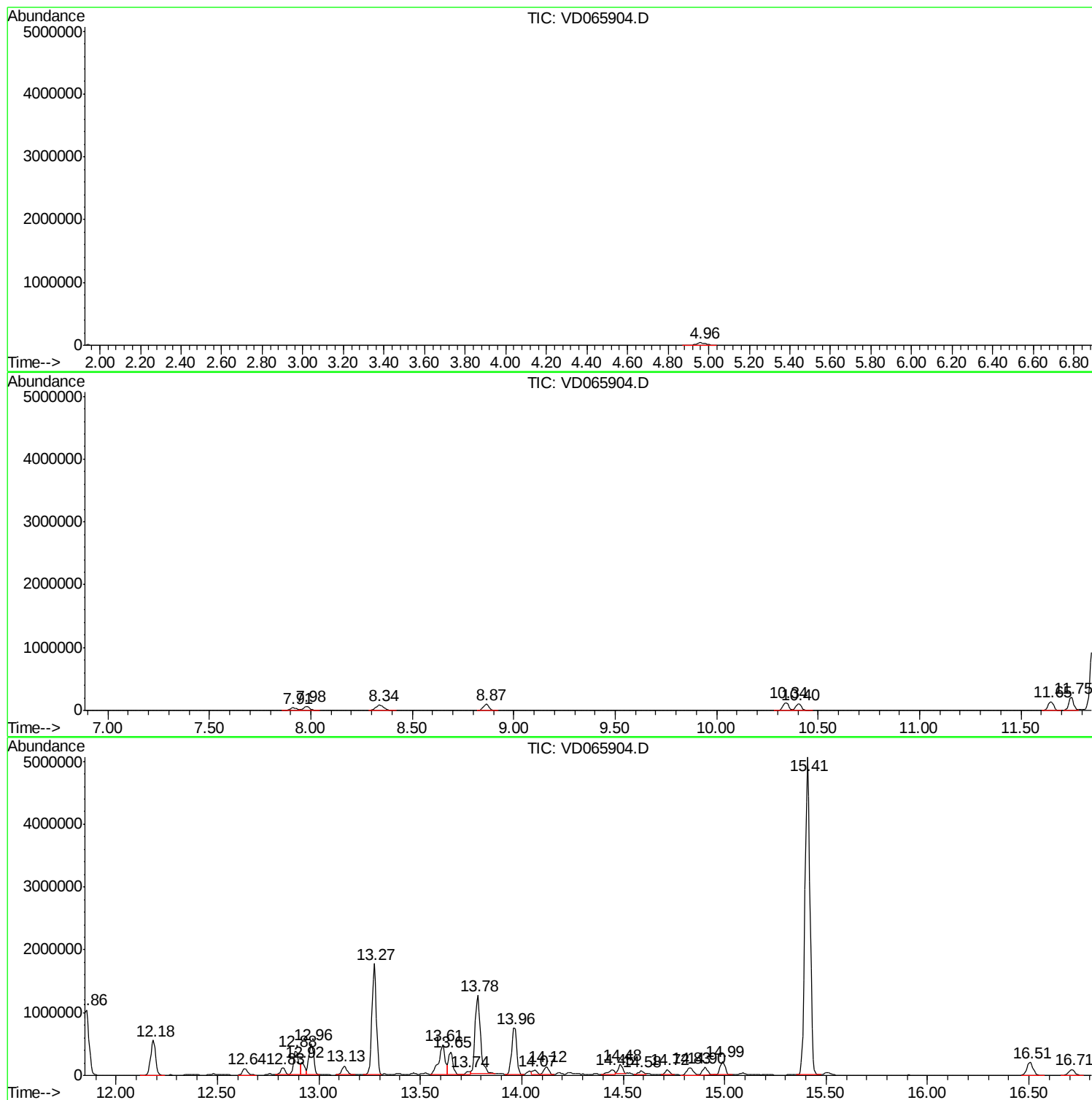
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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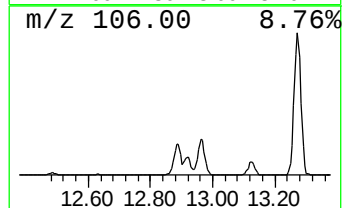
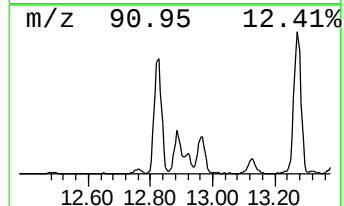
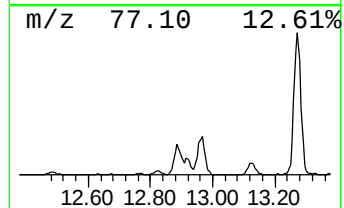
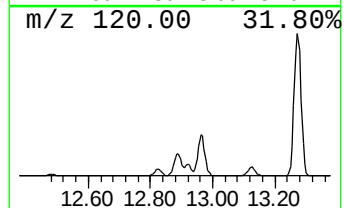
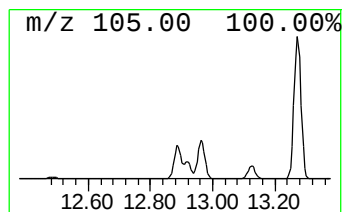
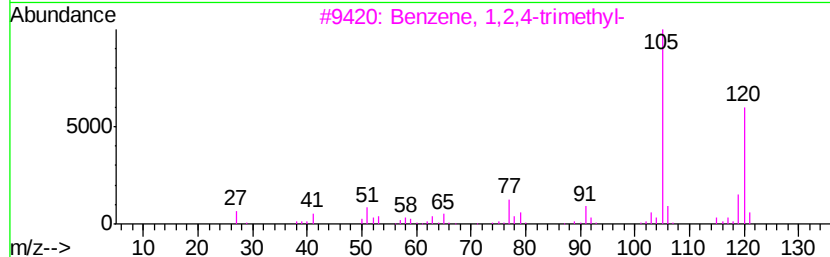
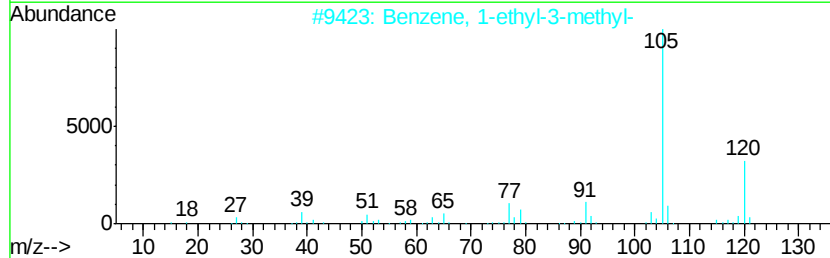
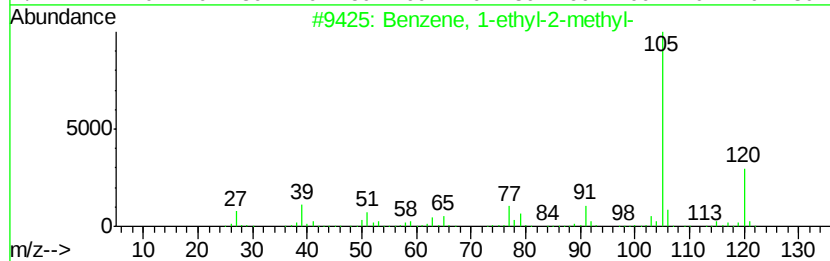
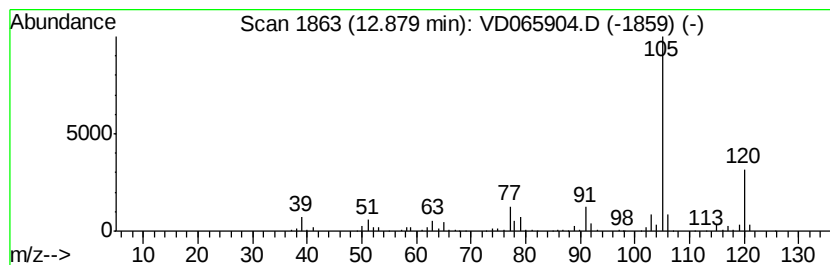
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	32.00 ug/l	659624	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	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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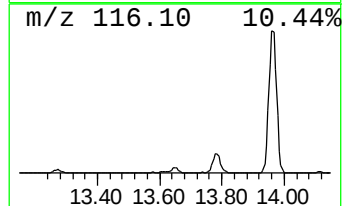
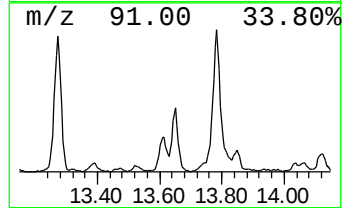
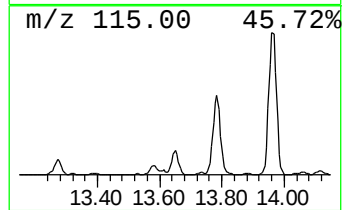
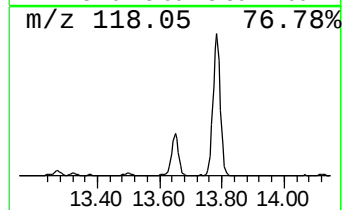
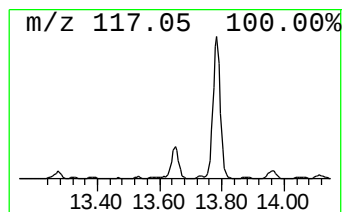
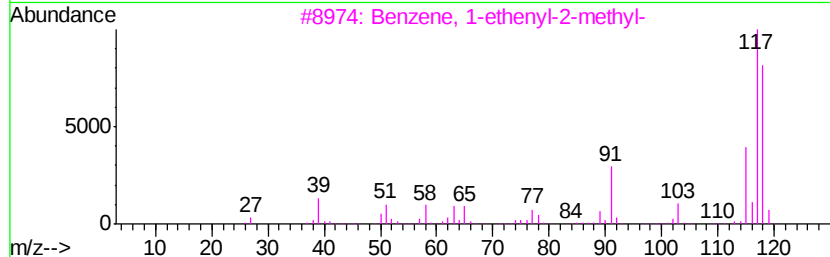
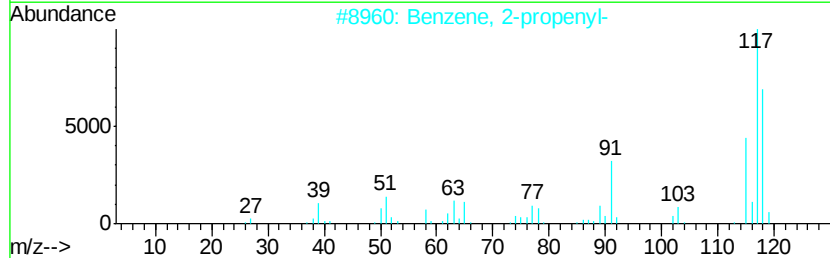
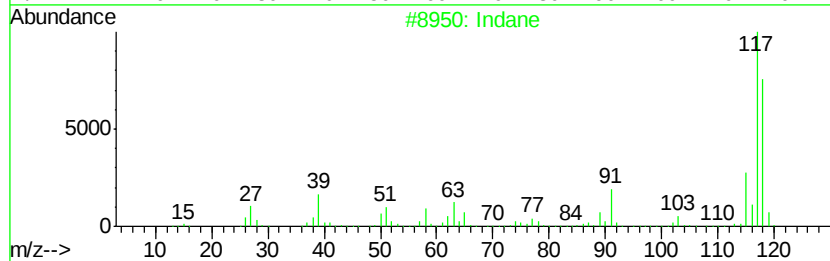
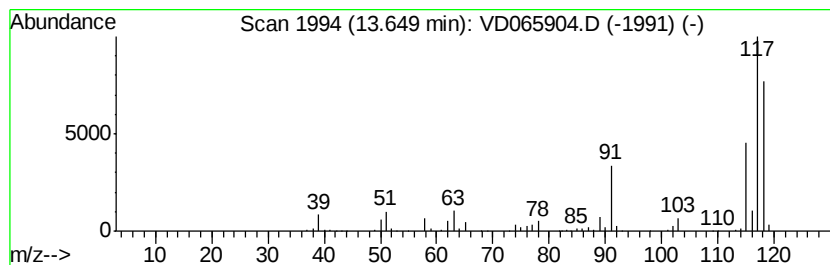
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	27.26 ug/l	561878	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	90
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68



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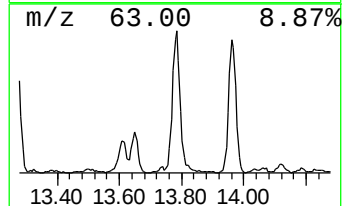
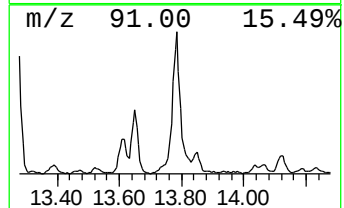
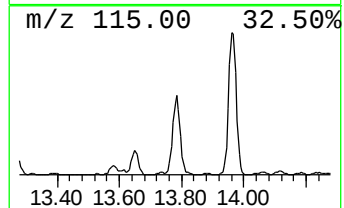
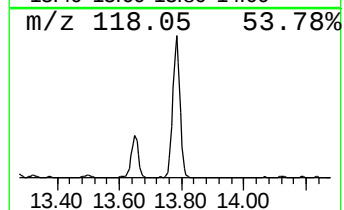
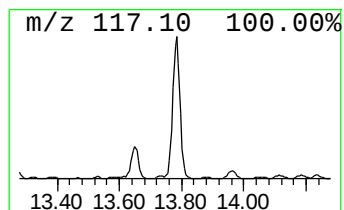
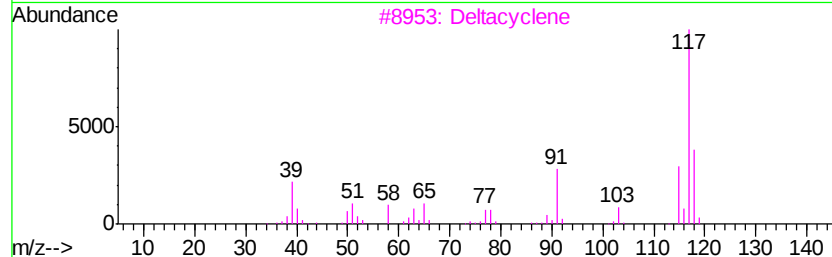
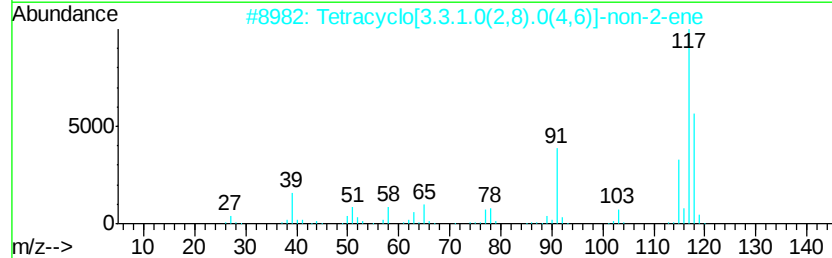
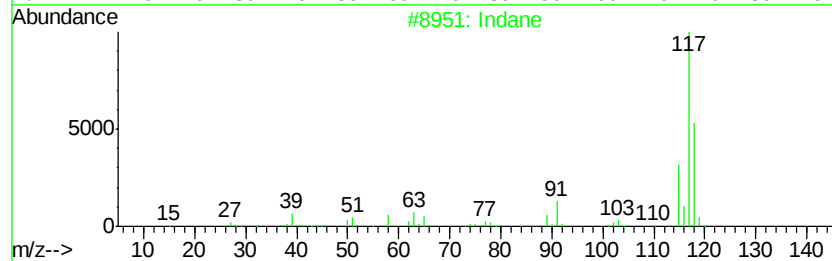
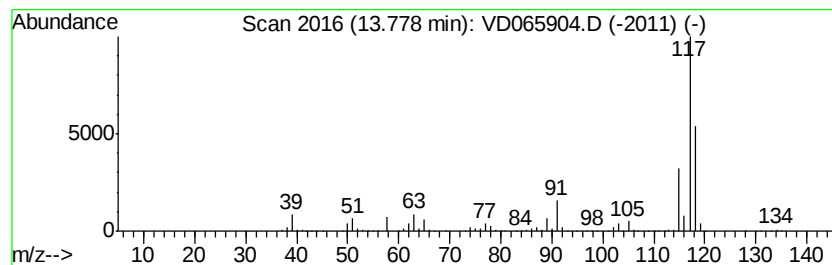
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Quant Title : SW846 8260

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

Peak Number 4 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	110.47 ug/l	2276760	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	93
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
3		Deltacyclene	118	C9H10	007785-10-6	72
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



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ClientSampleId :
MUDDY-DRUM

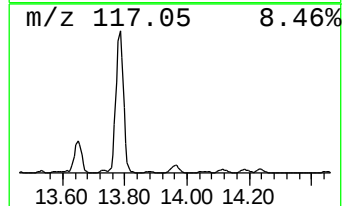
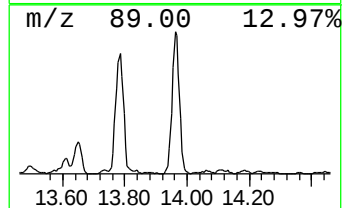
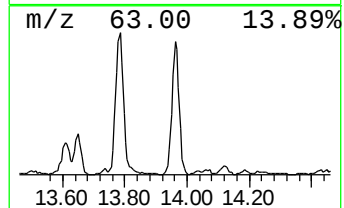
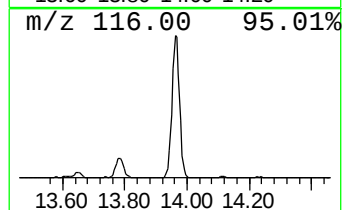
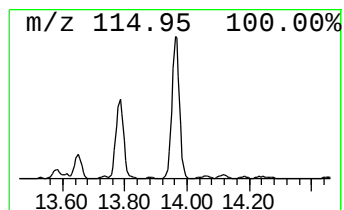
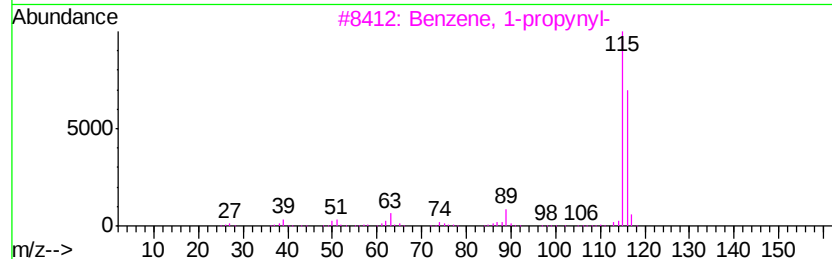
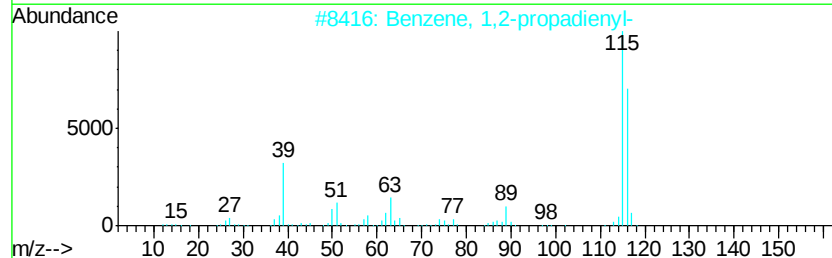
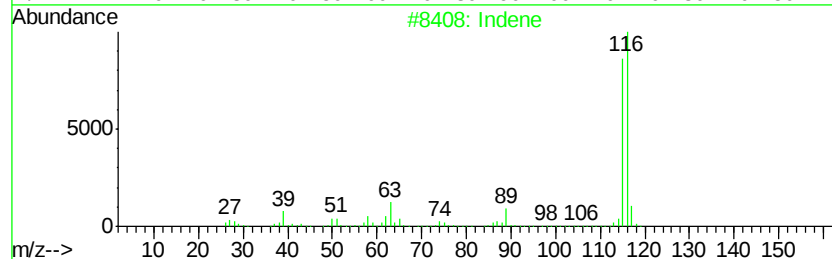
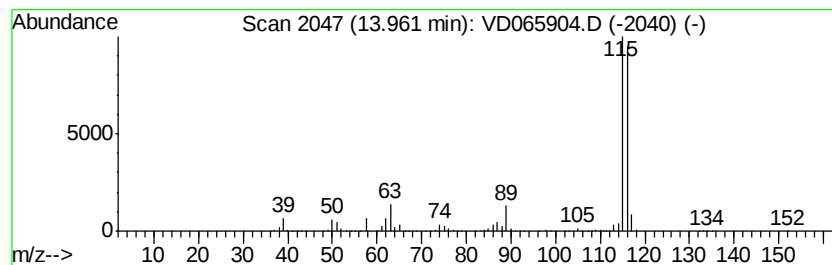
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2-propadienyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	61.75 ug/l	1272710	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90



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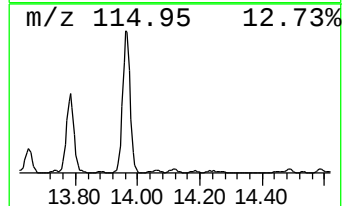
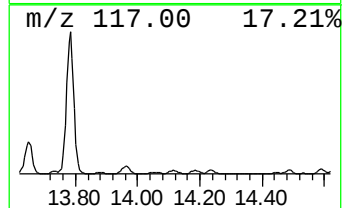
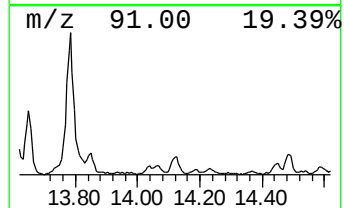
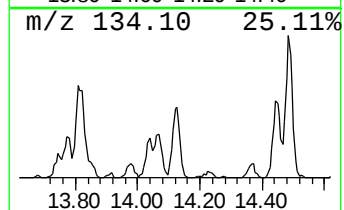
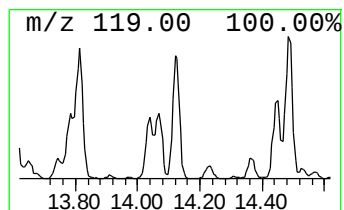
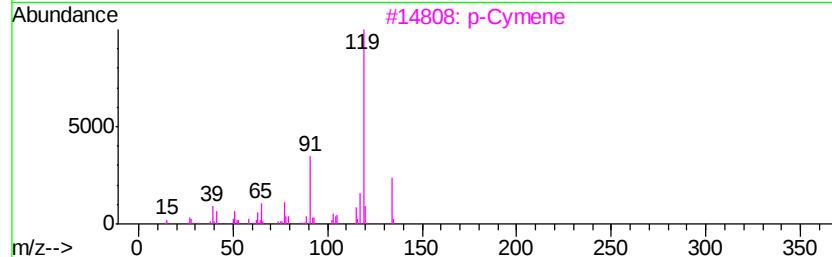
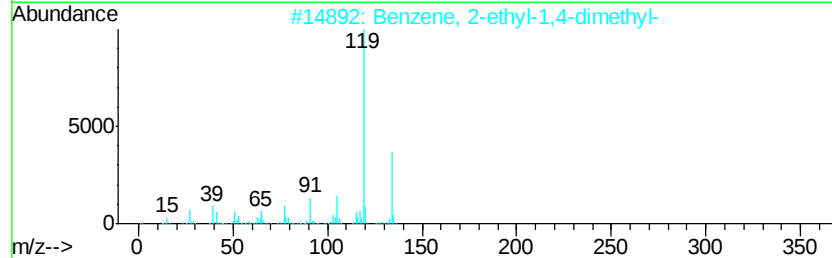
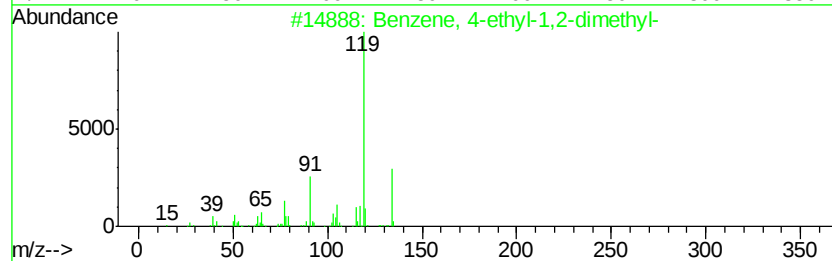
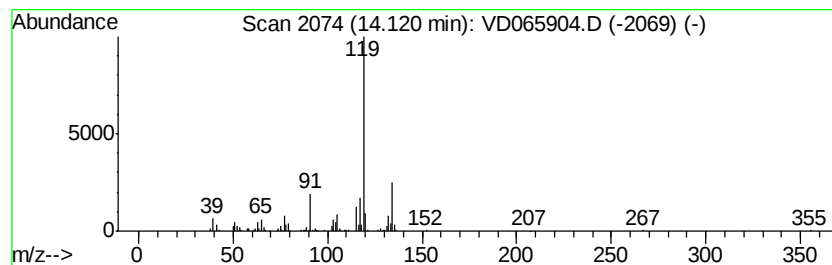
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	10.99 ug/l	226513	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90	
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90	
3	p-Cymene	134	C10H14	000099-87-6	90	
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90	
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065904.D
Acq On : 01 Jul 2020 14:13
Operator : VA/SY
Sample : L3160-01
Misc : 8.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

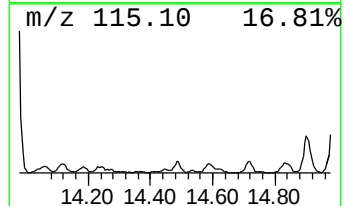
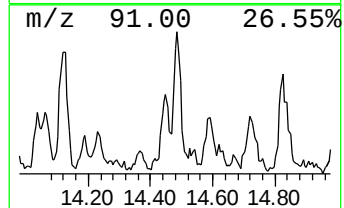
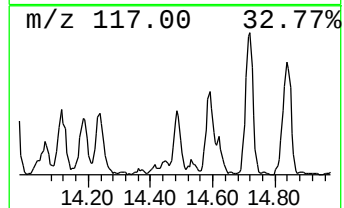
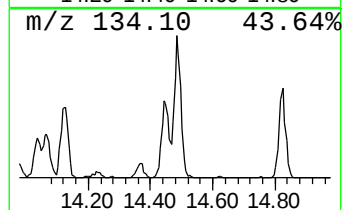
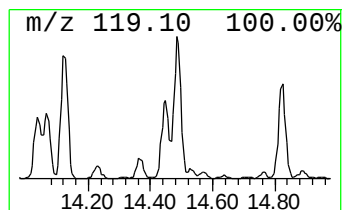
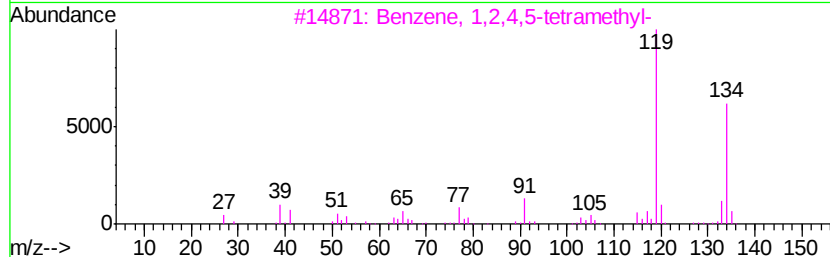
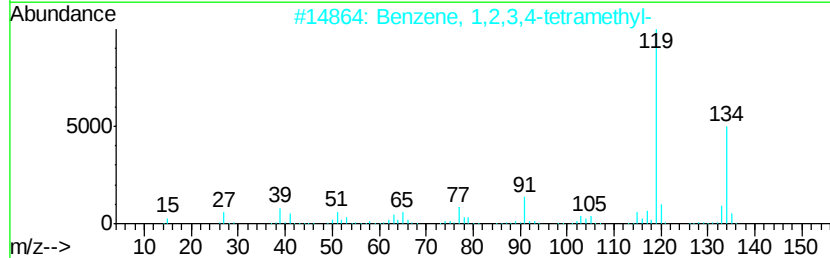
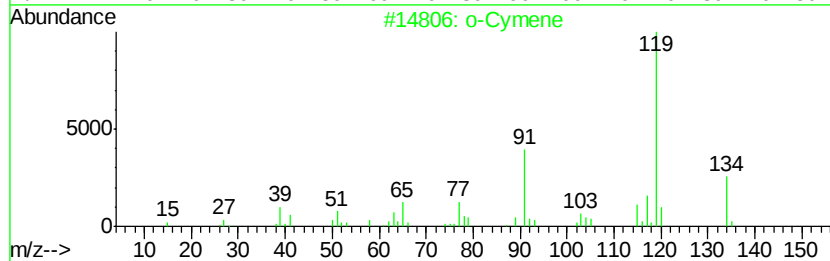
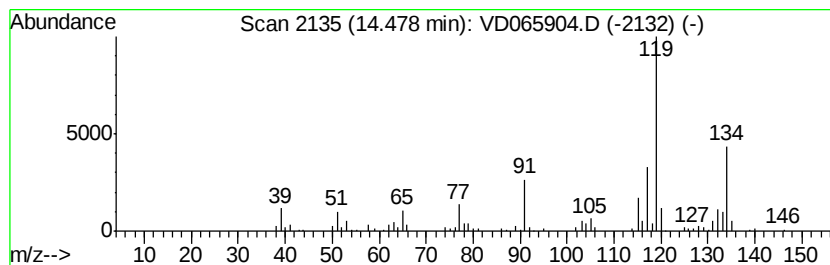
Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 7 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	10.42 ug/l	214674	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 87
2		Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3 87
3		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 83
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 83
5		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065904.D
Acq On : 01 Jul 2020 14:13
Operator : VA/SY
Sample : L3160-01
Misc : 8.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

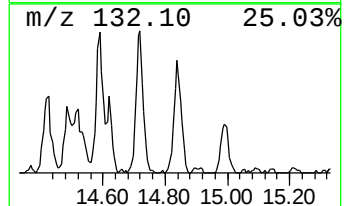
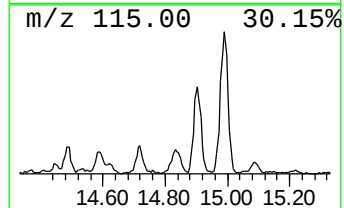
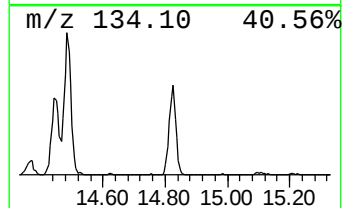
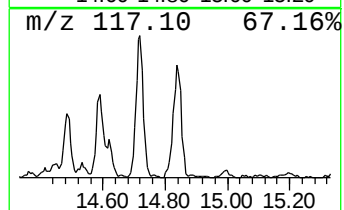
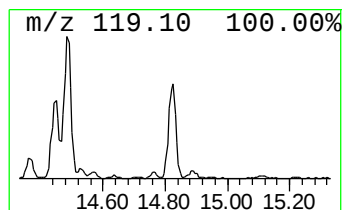
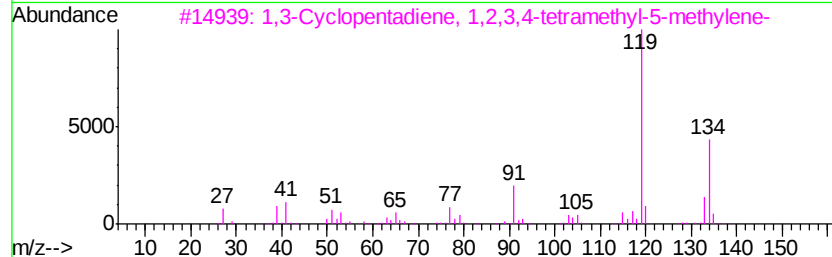
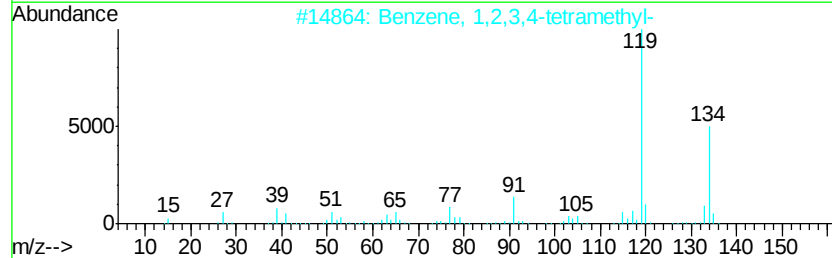
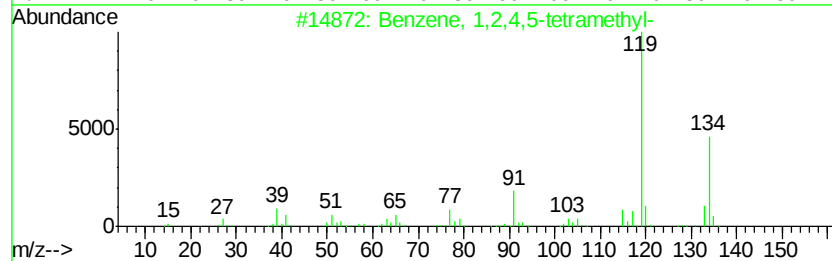
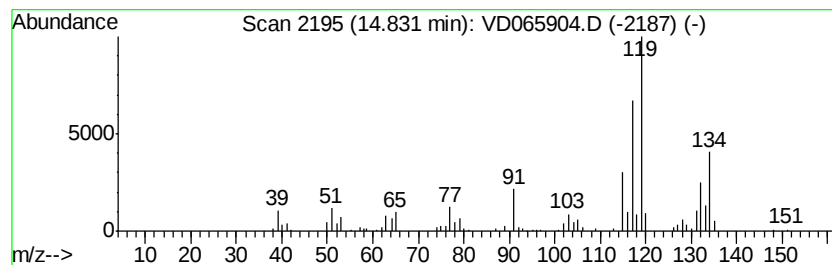
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	12.33 ug/l	254127	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83
5		p-Cymene	134	C10H14	000099-87-6	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065904.D
Acq On : 01 Jul 2020 14:13
Operator : VA/SY
Sample : L3160-01
Misc : 8.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

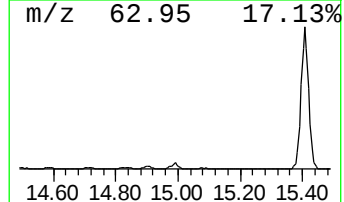
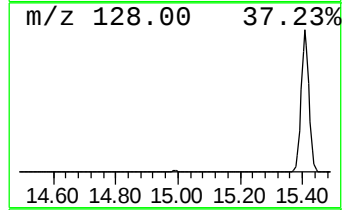
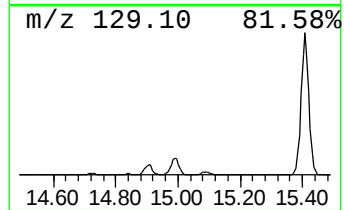
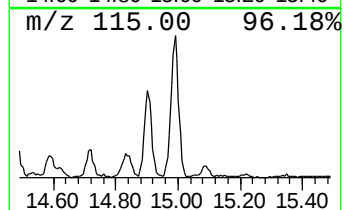
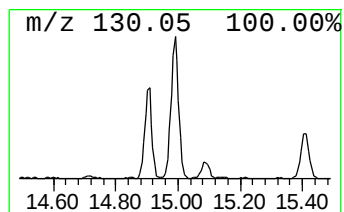
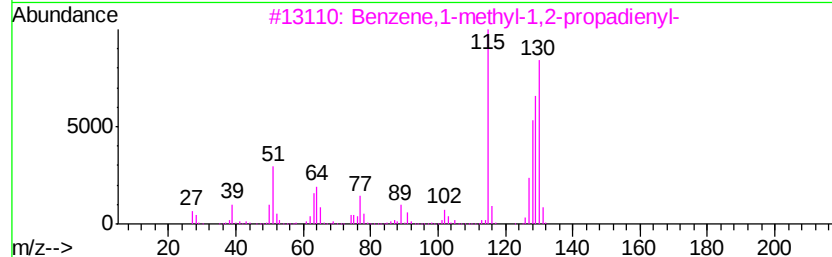
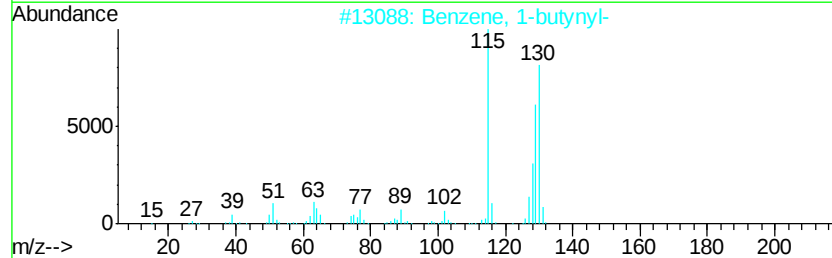
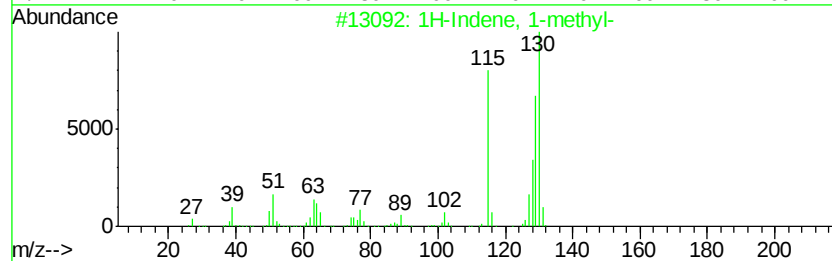
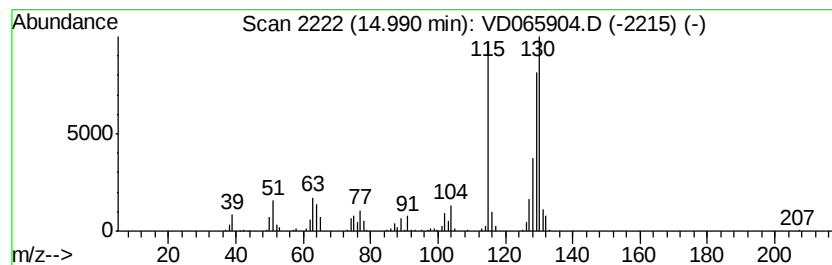
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	18.16 ug/l	374244	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	96
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5		2-Methylindene	130	C10H10	002177-47-1	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065904.D
Acq On : 01 Jul 2020 14:13
Operator : VA/SY
Sample : L3160-01
Misc : 8.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

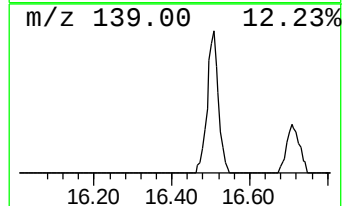
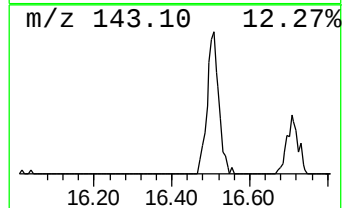
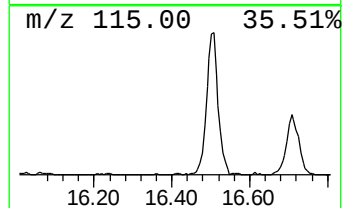
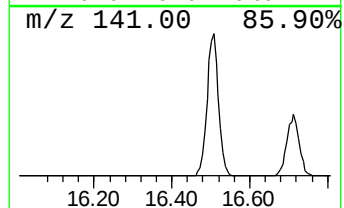
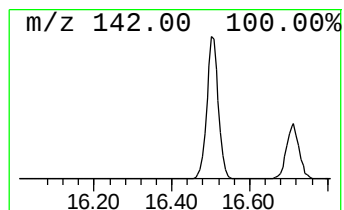
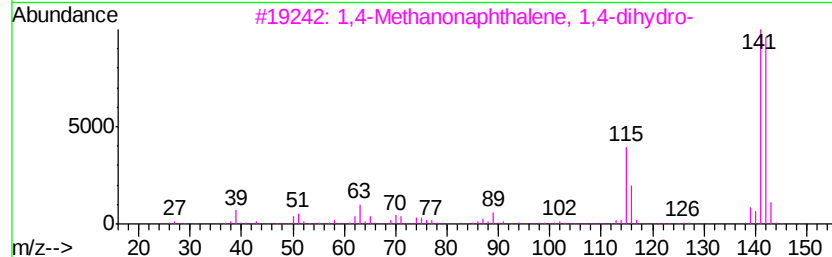
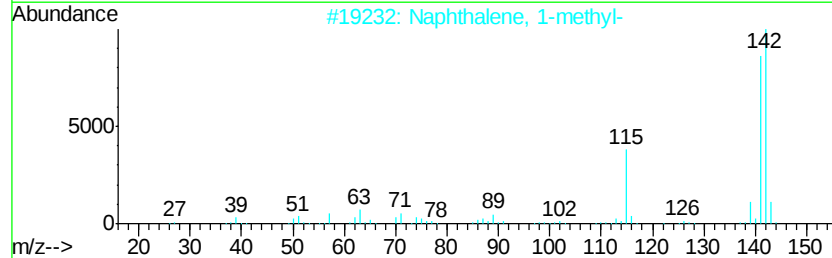
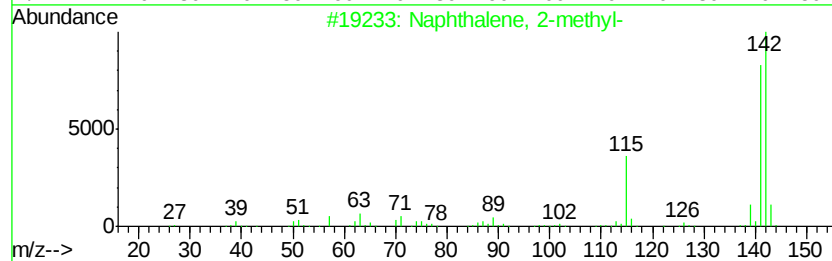
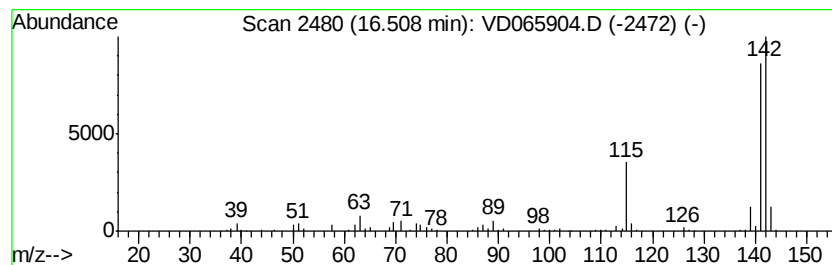
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260

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.
16.51	21.09 ug/l	434583	1,4-Dichlorobenzene-d4	13.58

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	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD070120\
Data File : VD065904.D
Acq On : 01 Jul 2020 14:13
Operator : VA/SY
Sample : L3160-01
Misc : 8.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.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-...	12.88	32.0	ug/l	659624	4	13.58	1030530	50.0
Indane	13.65	27.3	ug/l	561878	4	13.58	1030530	50.0
Tetracyclo[3.3.1....	13.78	110.5	ug/l	2276760	4	13.58	1030530	50.0
Benzene, 1,2-prop...	13.96	61.8	ug/l	1272710	4	13.58	1030530	50.0
Benzene, 4-ethyl-...	14.12	11.0	ug/l	226513	4	13.58	1030530	50.0
o-Cymene	14.48	10.4	ug/l	214674	4	13.58	1030530	50.0
Benzene, 1,2,4,5-...	14.83	12.3	ug/l	254127	4	13.58	1030530	50.0
1H-Indene, 1-methyl-	14.99	18.2	ug/l	374244	4	13.58	1030530	50.0
Naphthalene, 1-me...	16.51	21.1	ug/l	434583	4	13.58	1030530	50.0