

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064186.D
 Acq On : 11 Nov 2019 19:10
 Operator : VA/SY
 Sample : K5777-04
 Misc : 4.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC-7-MIDDLE-(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\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	8.350	1082	1093	1107	rBV	9256034	21474635	7.05%	0.570%
2	10.408	1437	1443	1454	rVB	5112274	9437070	3.10%	0.250%
3	11.749	1663	1671	1673	rBV4	103501702	181447114	59.58%	4.814%
4	11.867	1683	1691	1693	rBV6	104869219	225036427	73.89%	5.970%
5	12.002	1707	1714	1730	rVB2	3284573	6647598	2.18%	0.176%
6	12.197	1739	1747	1758	rVB5	109183101	285396995	93.71%	7.572%
7	12.491	1787	1797	1813	rBV2	84790734	169682986	55.71%	4.502%
8	12.767	1836	1844	1849	rBV	16906163	30082864	9.88%	0.798%
9	12.832	1849	1855	1859	rBV	18427070	32619160	10.71%	0.865%
10	12.891	1859	1865	1868	rBV5	115642667	235915900	77.46%	6.259%
11	12.979	1877	1880	1886	rVB2	89387705	139432071	45.78%	3.699%
12	13.132	1899	1906	1916	rBV3	71970726	138787148	45.57%	3.682%
13	13.285	1920	1932	1937	rBV5	119512970	304564978	100.00%	8.080%
14	13.332	1937	1940	1946	rVB	32407672	48902473	16.06%	1.297%
15	13.396	1946	1951	1957	rVB2	3881799	6620352	2.17%	0.176%
16	13.479	1957	1965	1971	rBV2	35777305	81953980	26.91%	2.174%
17	13.538	1971	1975	1982	rVB	19523279	38132277	12.52%	1.012%
18	13.626	1982	1990	1995	rBV2	57988249	140951951	46.28%	3.739%
19	13.685	1995	2000	2008	rVB3	67366986	150181053	49.31%	3.984%
20	13.779	2008	2016	2019	rBV6	125131178	284665891	93.47%	7.552%
21	13.973	2041	2049	2055	rVB3	7305976	15668366	5.14%	0.416%
22	14.043	2055	2061	2063	rBV	10938825	19246061	6.32%	0.511%
23	14.067	2063	2065	2069	rVB2	10846012	13294063	4.36%	0.353%
24	14.126	2069	2075	2081	rBV	50443434	87787861	28.82%	2.329%
25	14.191	2082	2086	2089	rVB	3562295	5344606	1.75%	0.142%
26	14.261	2096	2098	2104	rVB2	13307848	19362384	6.36%	0.514%
27	14.314	2104	2107	2112	rVB	7288156	10262619	3.37%	0.272%
28	14.367	2112	2116	2120	rVB	2893149	4147129	1.36%	0.110%
29	14.449	2120	2130	2133	rBV2	15264099	34771772	11.42%	0.922%
30	14.491	2133	2137	2141	rVV	22530788	32871353	10.79%	0.872%
31	14.532	2141	2144	2149	rVB2	10437612	16342194	5.37%	0.434%
32	14.591	2149	2154	2158	rBV2	12066449	20118858	6.61%	0.534%
33	14.720	2170	2176	2182	rBV2	68702057	123291281	40.48%	3.271%
34	14.761	2182	2183	2188	rVB2	6025048	6478396	2.13%	0.172%

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AOC-7-MIDDLE-(10)

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	14.838	2188	2196	2202	rBV3	27535231	58901155	19.34%	1.563%
36	14.908	2202	2208	2215	rVV	54655377	100497780	33.00%	2.666%
37	14.996	2215	2223	2231	rVB2	86514742	171121713	56.19%	4.540%
38	15.096	2233	2240	2247	rBV3	7240925	15256031	5.01%	0.405%
39	15.238	2258	2264	2270	rVB3	2329991	5303102	1.74%	0.141%
40	15.420	2284	2295	2297	rBV4	108963026	251561855	82.60%	6.674%
41	15.520	2306	2312	2319	rBV	14435407	25910329	8.51%	0.687%
42	15.602	2322	2326	2335	rVB	4299677	7779372	2.55%	0.206%
43	15.708	2336	2344	2346	rBV3	1844414	4100293	1.35%	0.109%
44	16.026	2391	2398	2402	rBV2	1502756	3685527	1.21%	0.098%
45	16.508	2471	2480	2495	rVB2	46725924	117878991	38.70%	3.127%
46	16.714	2506	2515	2527	rVB	27763124	66399735	21.80%	1.762%

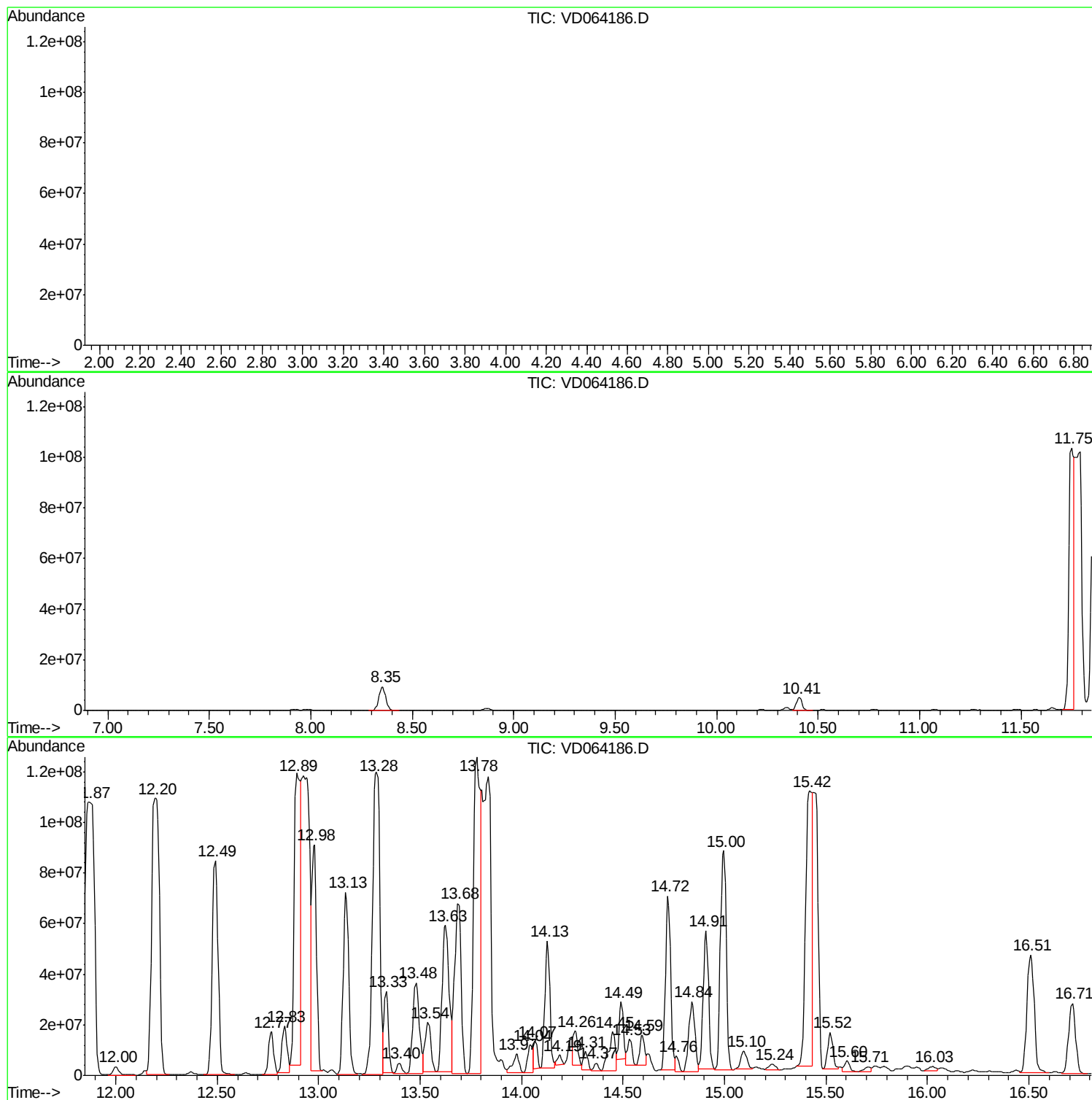
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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



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AOC-7-MIDDLE-(10)

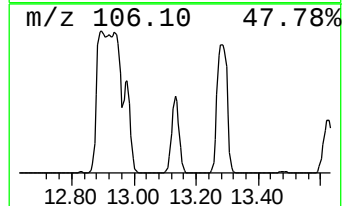
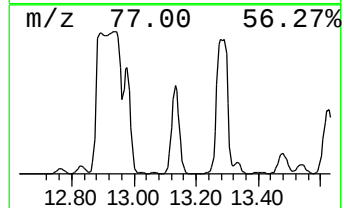
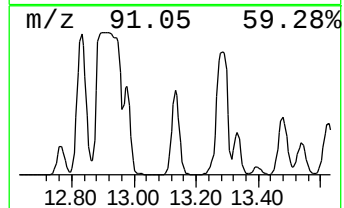
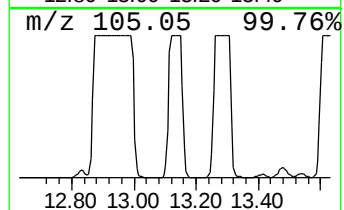
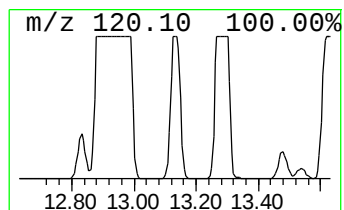
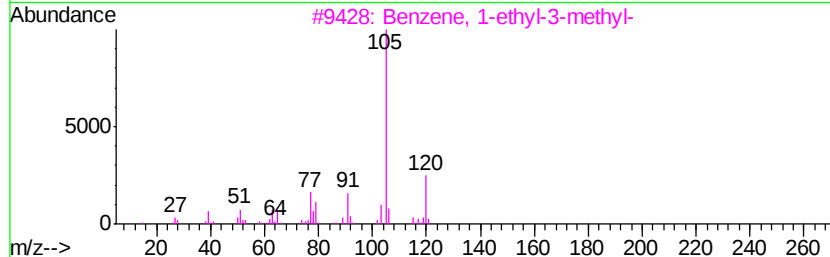
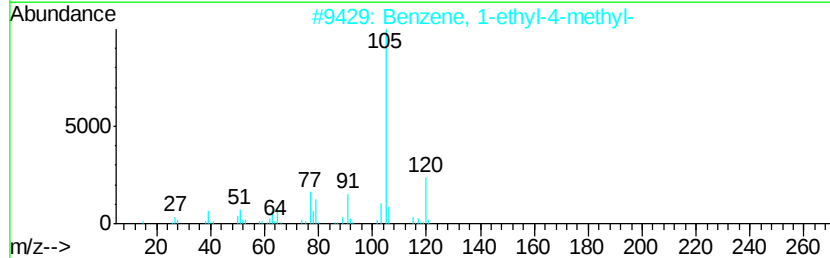
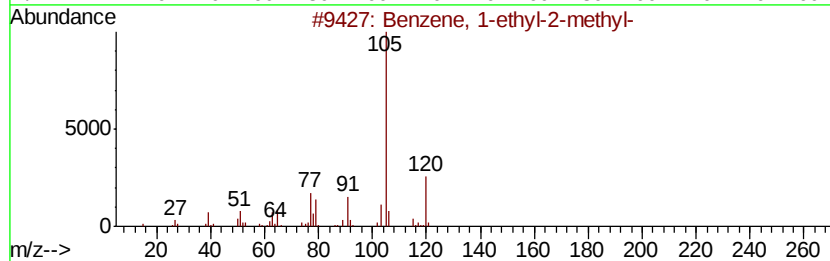
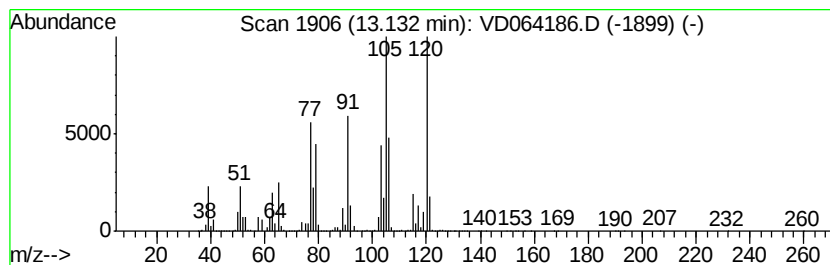
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	49.23 ug/l	138787000	1,4-Dichlorobenzene-d4	13.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	59
5		1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	52



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AOC-7-MIDDLE-(10)

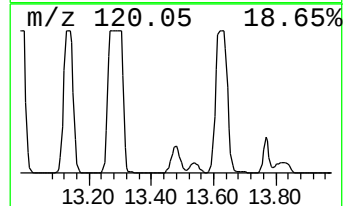
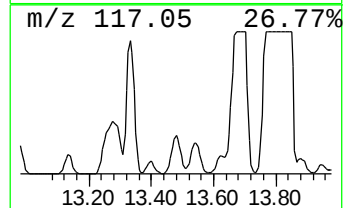
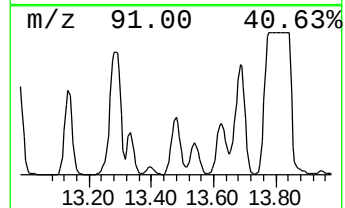
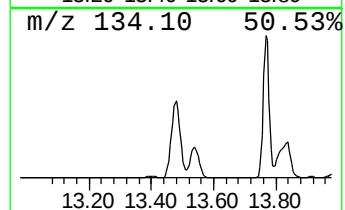
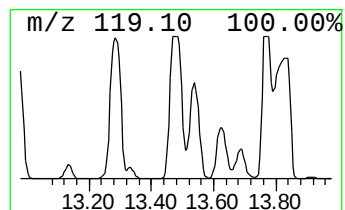
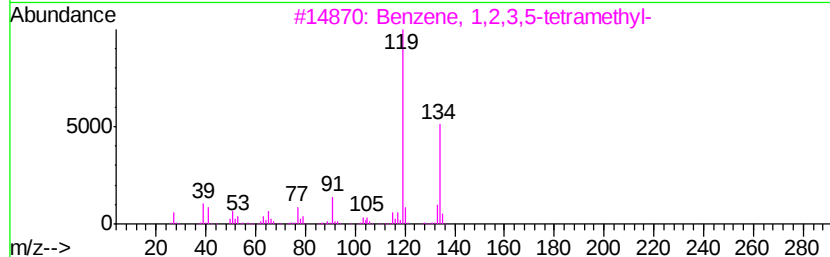
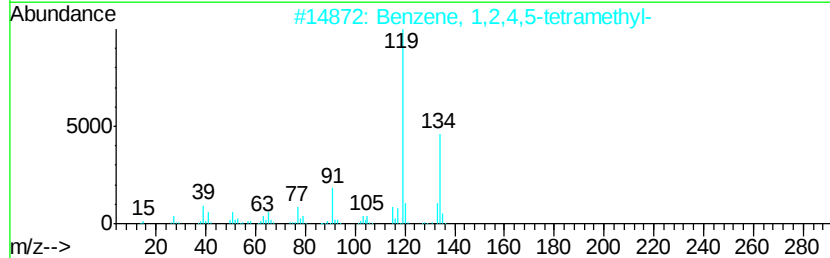
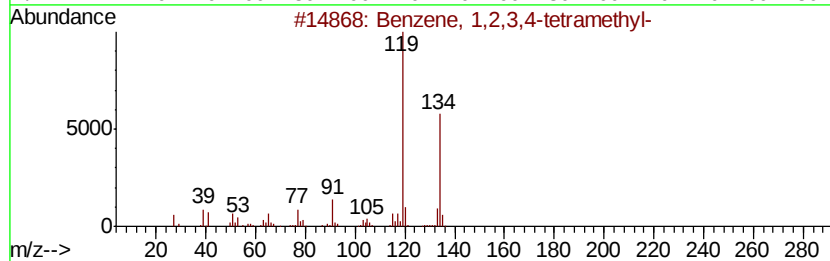
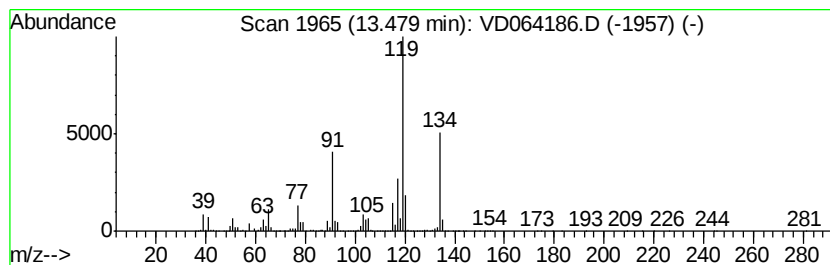
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	29.07 ug/l	81954000	1,4-Dichlorobenzene-d4	13.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-			134	C10H14	000488-23-3	90
2	Benzene, 1,2,4,5-tetramethyl-			134	C10H14	000095-93-2	90
3	Benzene, 1,2,3,5-tetramethyl-			134	C10H14	000527-53-7	90
4	o-Cymene			134	C10H14	000527-84-4	90
5	Benzene, 2-ethyl-1,3-dimethyl-			134	C10H14	002870-04-4	87



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Instrument :
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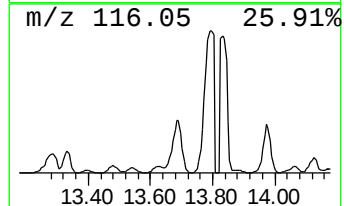
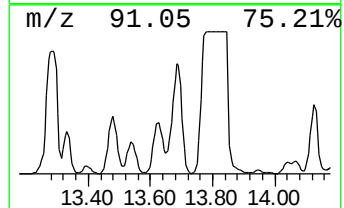
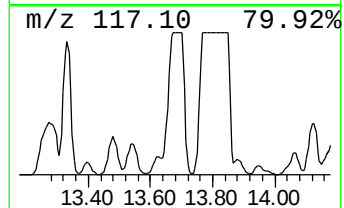
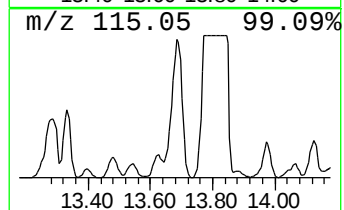
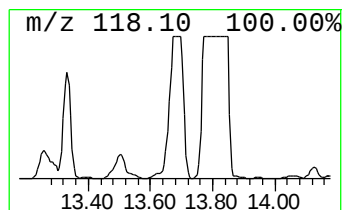
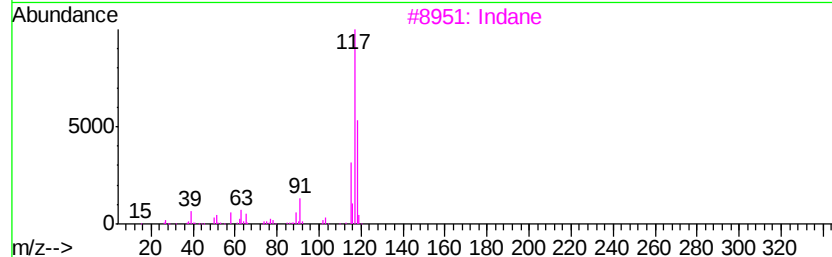
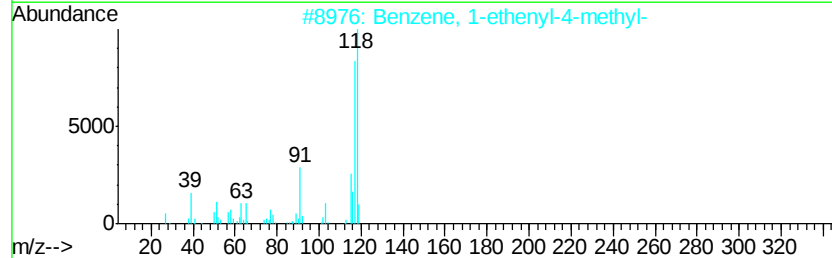
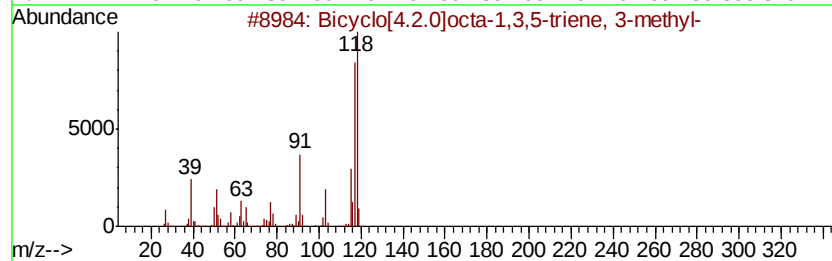
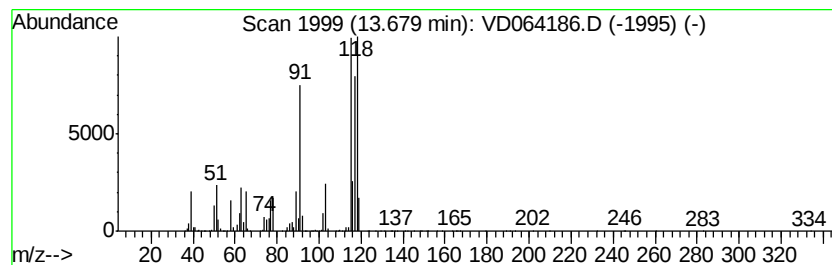
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Quant Title : SW846 8260

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

Peak Number 3 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	53.27 ug/l	150181000	1,4-Dichlorobenzene-d4	13.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	90
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3		Indane	118	C9H10	000496-11-7	49
4		1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	46
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	43



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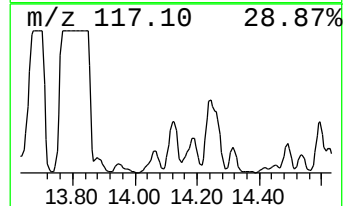
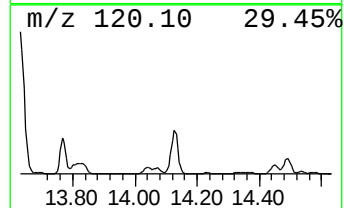
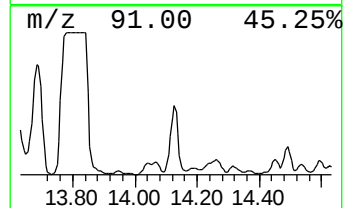
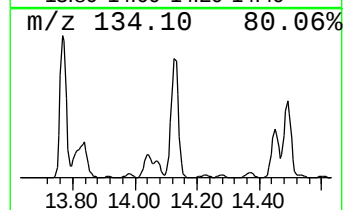
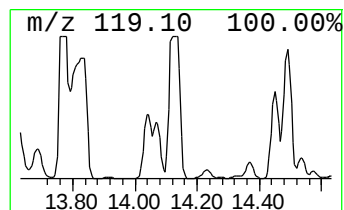
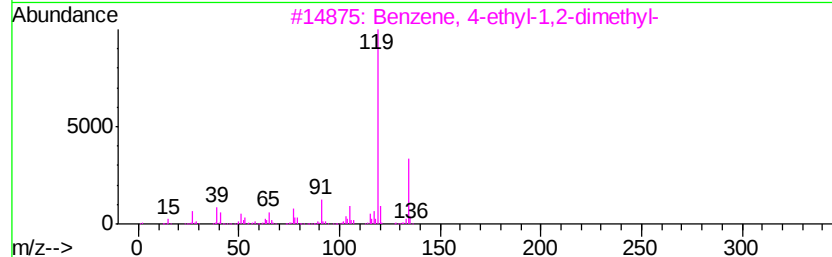
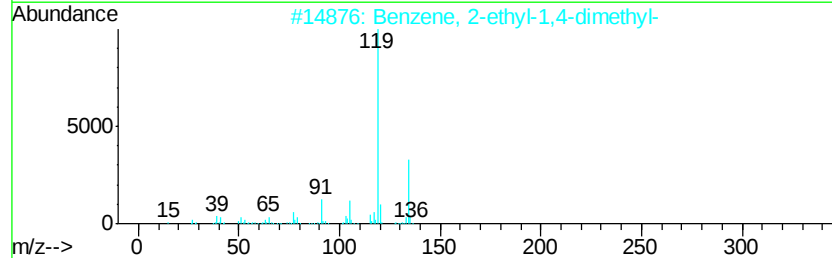
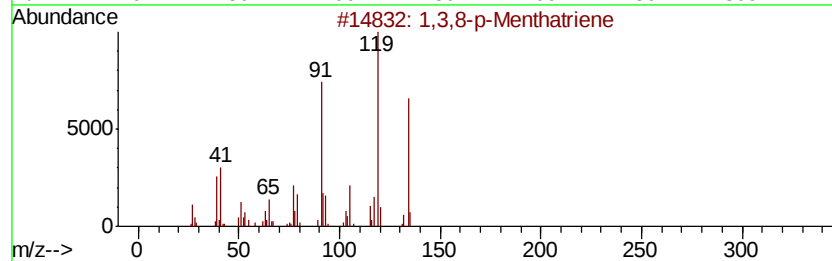
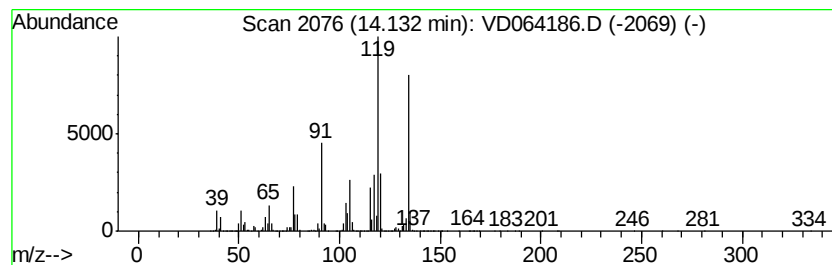
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Quant Title : SW846 8260

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

Peak Number 4 1,3,8-p-Menthatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	31.14 ug/l	87787900	1,4-Dichlorobenzene-d4	13.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4		o-Cymene	134	C10H14	000527-84-4	64
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



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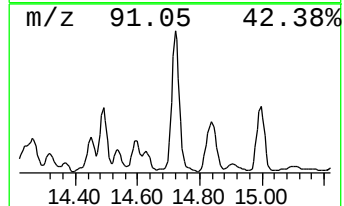
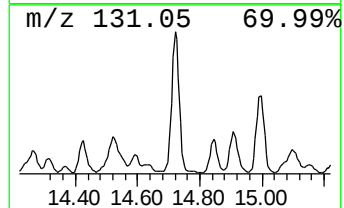
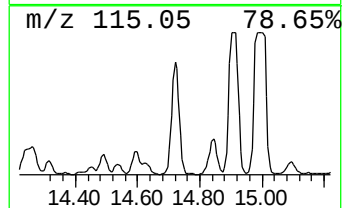
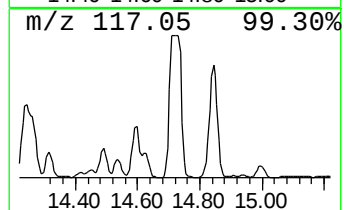
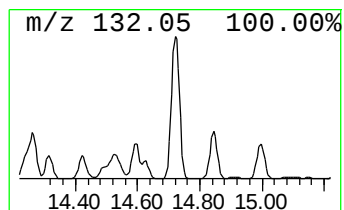
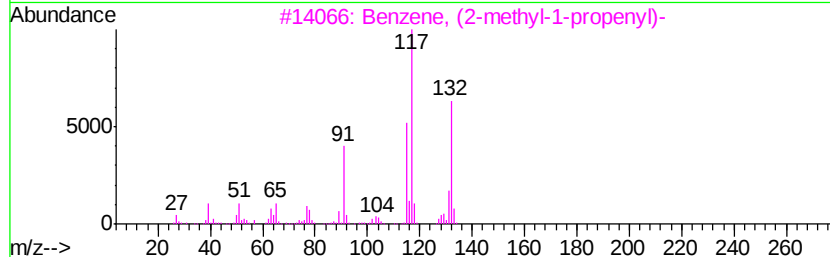
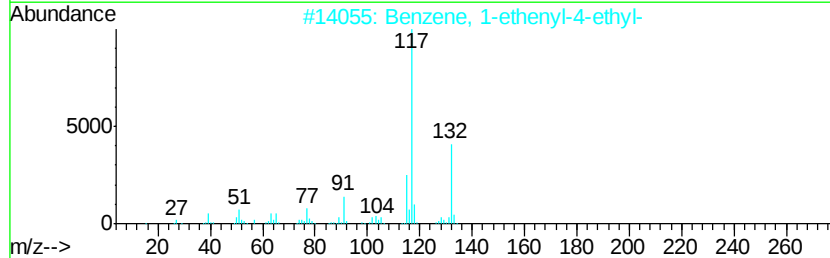
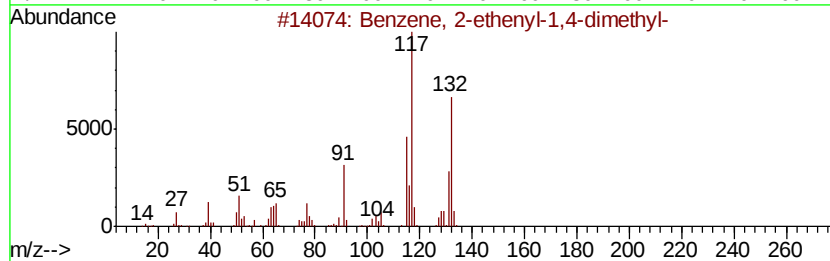
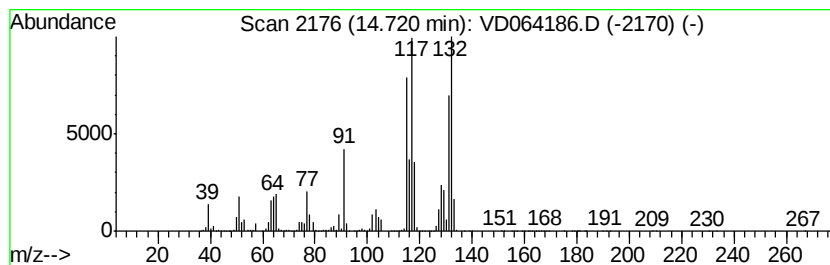
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	43.74 ug/l	123291000	1,4-Dichlorobenzene-d4	13.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	52
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	52
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111119\
Data File : VD064186.D
Acq On : 11 Nov 2019 19:10
Operator : VA/SY
Sample : K5777-04
Misc : 4.70G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-MIDDLE-(10)

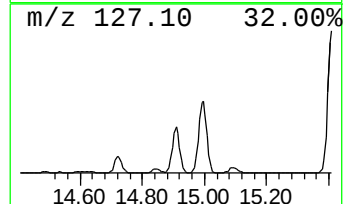
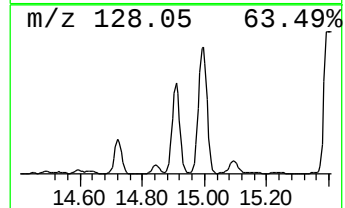
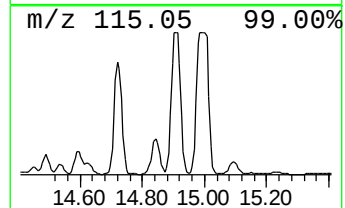
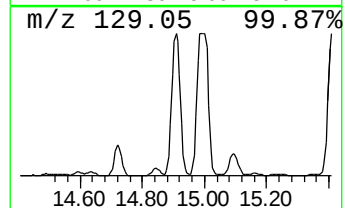
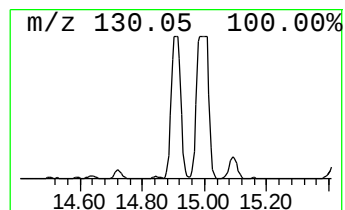
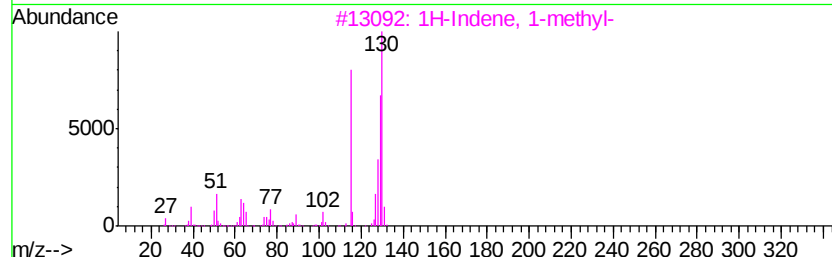
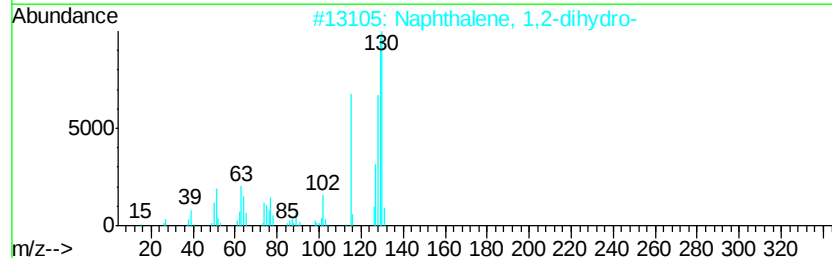
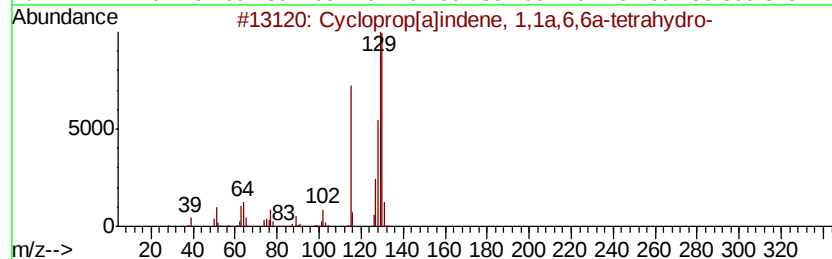
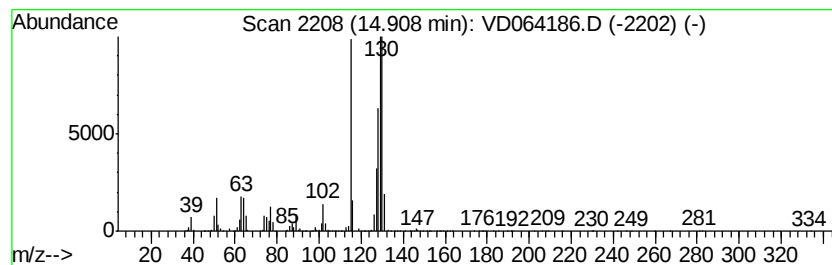
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Quant Title : SW846 8260

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

Peak Number 7 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	35.65 ug/l	100498000	1,4-Dichlorobenzene-d4	13.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91
5		2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064186.D
 Acq On : 11 Nov 2019 19:10
 Operator : VA/SY
 Sample : K5777-04
 Misc : 4.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC-7-MIDDLE-(10)

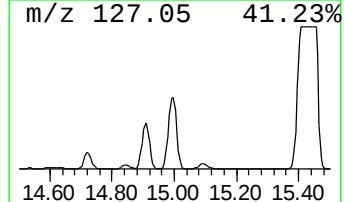
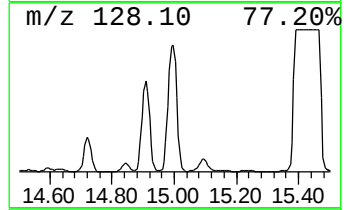
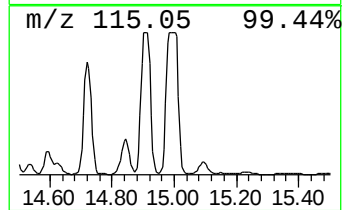
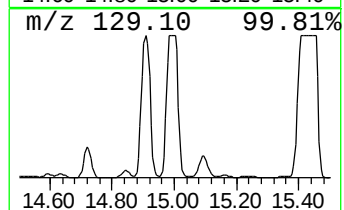
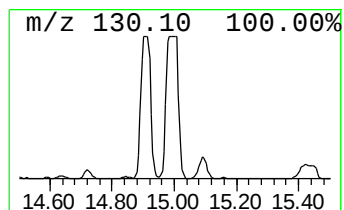
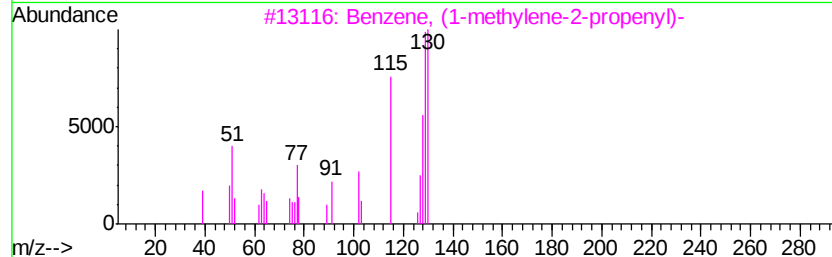
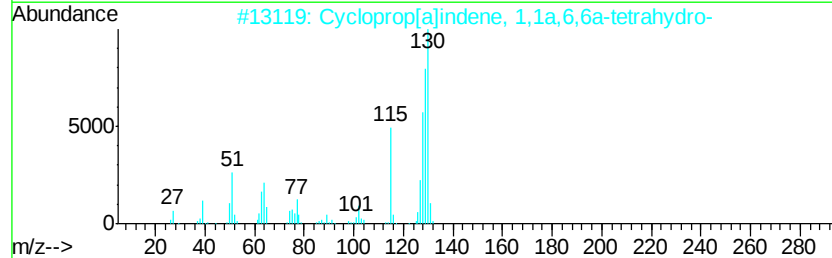
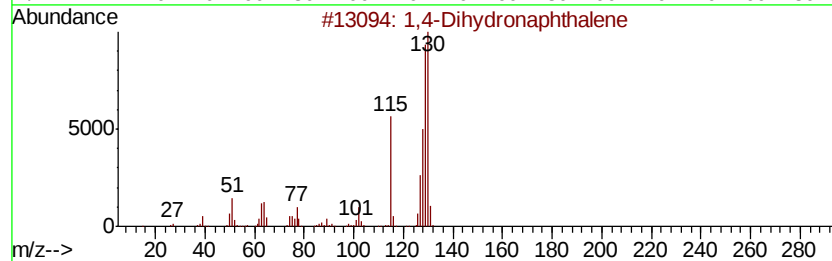
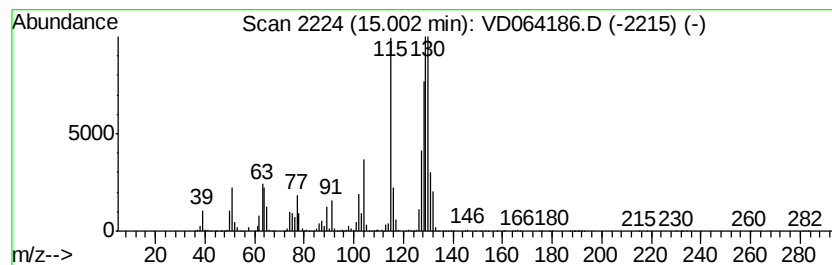
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260

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

 Peak Number 8 1,4-Dihydronaphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	60.70 ug/l	171122000	1,4-Dichlorobenzene-d4	13.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene		130	C10H10	000612-17-9	90
2	Cycloprop[alindene, 1,1a,6,6a-te...		130	C10H10	015677-15-3	90
3	Benzene, (1-methylene-2-propenyl)-		130	C10H10	002288-18-8	89
4	Naphthalene, 1,2-dihydro-		130	C10H10	000447-53-0	84
5	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...		130	C10H10	034324-40-8	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111119\
Data File : VD064186.D
Acq On : 11 Nov 2019 19:10
Operator : VA/SY
Sample : K5777-04
Misc : 4.70G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

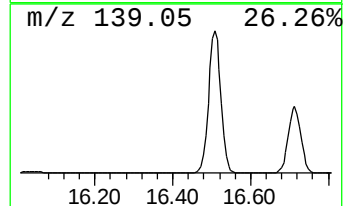
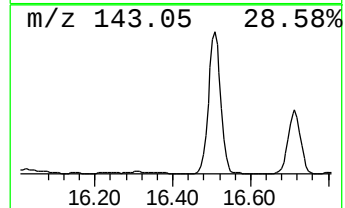
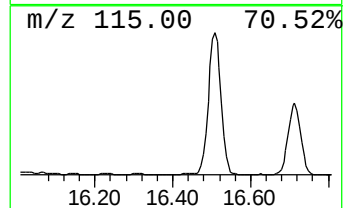
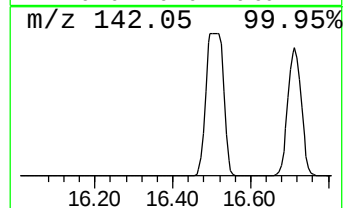
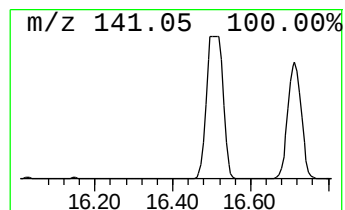
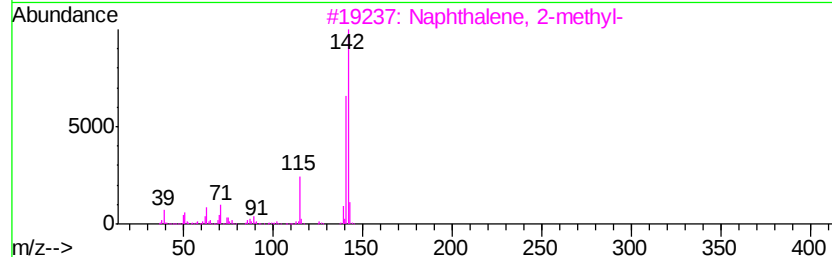
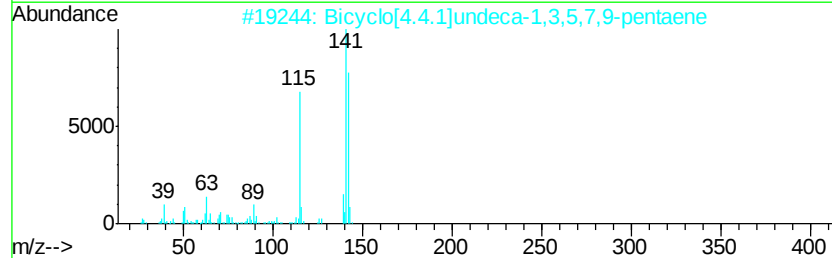
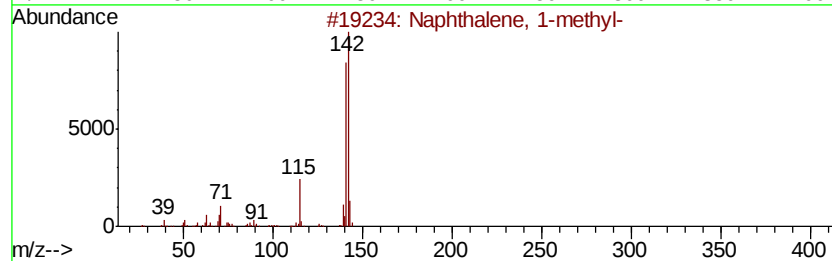
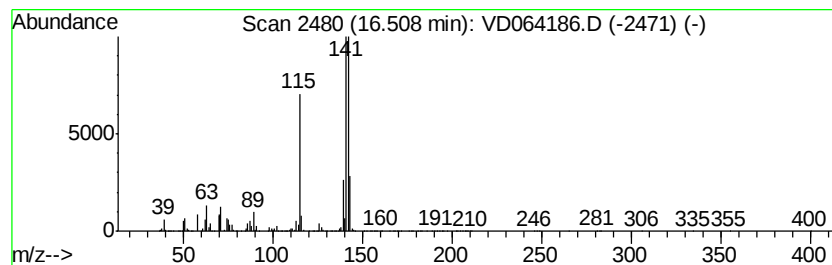
Instrument :
MSVOA_D
ClientSampleId :
AOC-7-MIDDLE-(10)

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.51	41.82 ug/l	117879000	1,4-Dichlorobenzene-d4	13.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	87
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111119\
Data File : VD064186.D
Acq On : 11 Nov 2019 19:10
Operator : VA/SY
Sample : K5777-04
Misc : 4.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
AOC-7-MIDDLE-(10)

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-...	13.13	49.2	ug/l	138787000	4	13.60	140952000	50.0
Benzene, 1,2,3,4-...	13.48	29.1	ug/l	81954000	4	13.60	140952000	50.0
Bicyclo[4.2.0]oct...	13.68	53.3	ug/l	150181000	4	13.60	140952000	50.0
1,3,8-p-Menthatriene	14.13	31.1	ug/l	87787900	4	13.60	140952000	50.0
Benzene, 2-etheny...	14.72	43.7	ug/l	123291000	4	13.60	140952000	50.0
Cycloprop[a]inden...	14.91	35.6	ug/l	100498000	4	13.60	140952000	50.0
1,4-Dihydronaphth...	15.00	60.7	ug/l	171122000	4	13.60	140952000	50.0
Naphthalene, 1-me...	16.51	41.8	ug/l	117879000	4	13.60	140952000	50.0