

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012283.D
 Acq On : 29 Aug 2019 05:28
 Operator : SY/VA
 Sample : K4539-01
 Misc : 5.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

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_W\METHOD\82W082319S.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	4.909	479	493	507	rBV2	18051	62710	1.78%	0.410%
2	7.135	845	858	871	rBV2	47332	137060	3.88%	0.896%
3	7.884	970	981	985	rBV	146015	341831	9.69%	2.235%
4	7.945	985	991	1002	rVB	303603	662846	18.79%	4.333%
5	8.305	1034	1050	1062	rBV2	156913	393825	11.16%	2.575%
6	8.841	1130	1138	1146	rBV	445095	886965	25.14%	5.798%
7	10.323	1374	1381	1390	rBV	695462	1218027	34.52%	7.963%
8	10.707	1439	1444	1449	rVB	51393	88145	2.50%	0.576%
9	11.061	1499	1502	1510	rBV2	53711	105748	3.00%	0.691%
10	11.628	1589	1595	1604	rVB	552413	943841	26.75%	6.170%
11	12.615	1751	1757	1779	rVB2	530340	1243569	35.24%	8.130%
12	12.871	1783	1799	1830	rVB4	472046	3528527	100.00%	23.067%
13	13.322	1858	1873	1885	rBV3	466953	2267308	64.26%	14.822%
14	13.450	1886	1894	1906	rVV2	260414	973633	27.59%	6.365%
15	13.554	1906	1911	1919	rVB	466787	763023	21.62%	4.988%
16	13.883	1955	1965	1969	rBV4	44375	146037	4.14%	0.955%
17	13.956	1970	1977	1991	rVV3	105217	397069	11.25%	2.596%
18	14.072	1992	1996	2004	rVB3	29880	67761	1.92%	0.443%
19	14.310	2023	2035	2036	rBV2	45979	127956	3.63%	0.836%
20	14.798	2110	2115	2119	rVV3	28506	65030	1.84%	0.425%
21	14.840	2119	2122	2130	rVB4	27154	57293	1.62%	0.375%
22	15.066	2154	2159	2170	rVB4	35845	96275	2.73%	0.629%
23	15.176	2172	2177	2184	rVB4	25797	56968	1.61%	0.372%
24	15.328	2197	2202	2209	rBV	48622	85710	2.43%	0.560%
25	15.438	2210	2220	2222	rBV4	21353	52955	1.50%	0.346%
26	15.657	2248	2256	2263	rBV5	43963	106562	3.02%	0.697%
27	15.731	2264	2268	2273	rVB4	22744	38296	1.09%	0.250%
28	16.017	2311	2315	2321	rVB5	22953	53568	1.52%	0.350%
29	16.218	2345	2348	2353	rVB5	23506	40081	1.14%	0.262%
30	16.285	2354	2359	2365	rBV	57626	103275	2.93%	0.675%
31	16.633	2410	2416	2430	rVB8	42853	185089	5.25%	1.210%

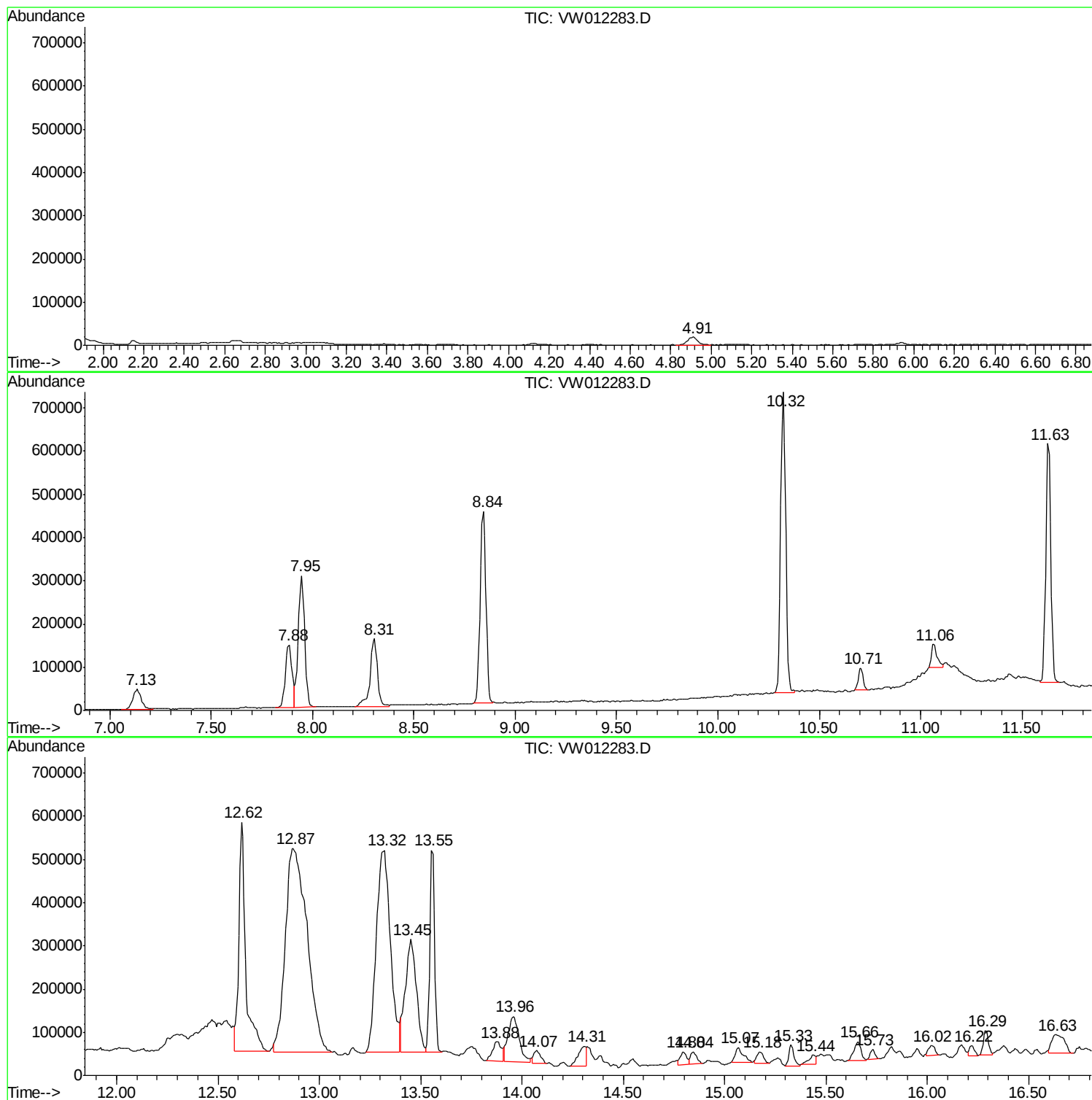
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ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSV0A_W
ClientSampleId :
SB-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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



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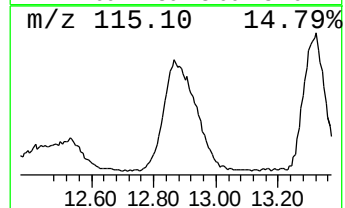
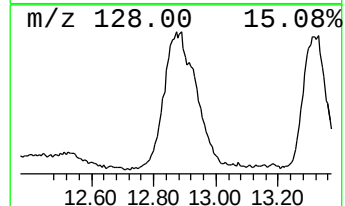
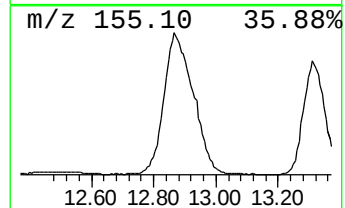
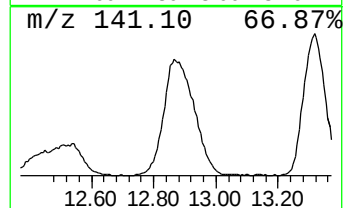
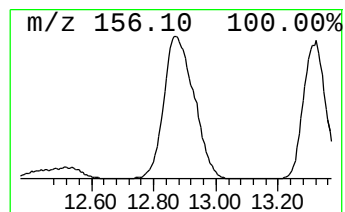
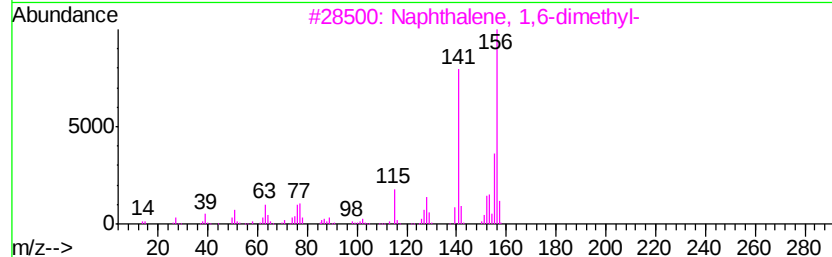
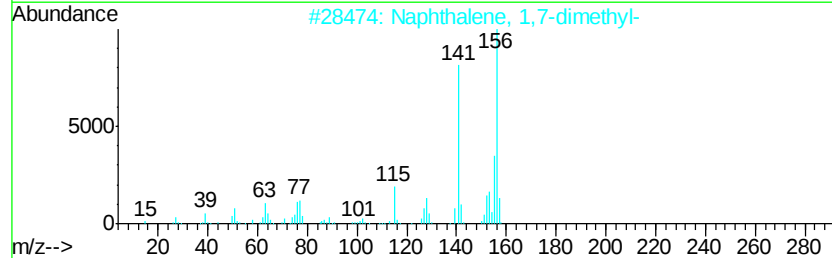
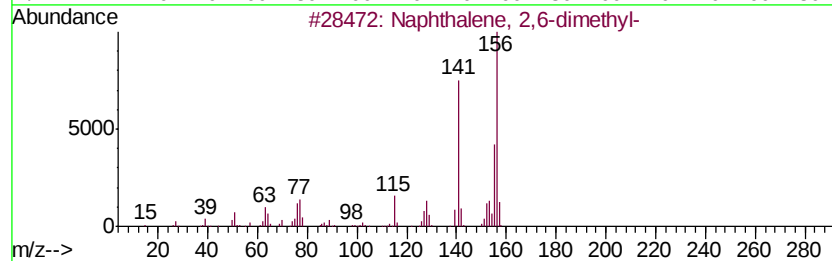
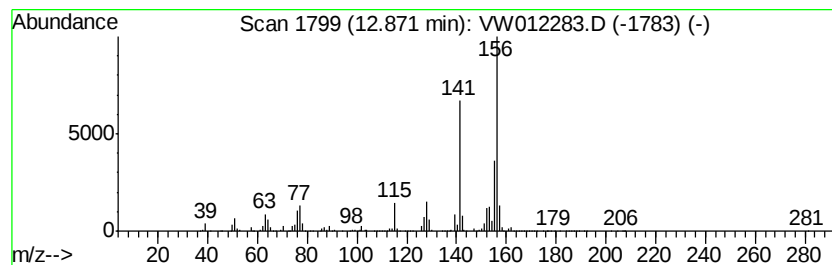
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Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	231.22 ug/l	3528530	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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ALS Vial : 46 Sample Multiplier: 1

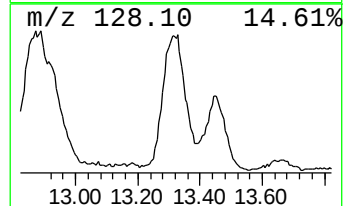
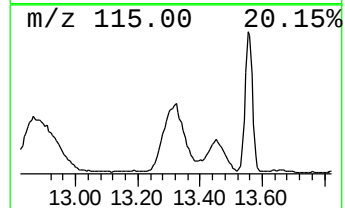
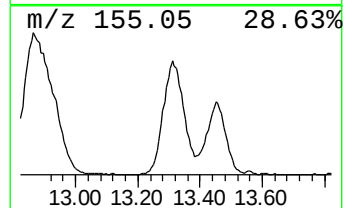
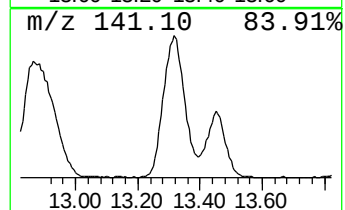
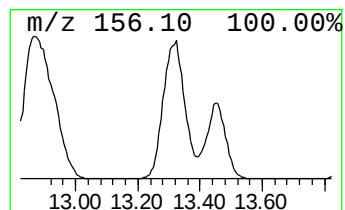
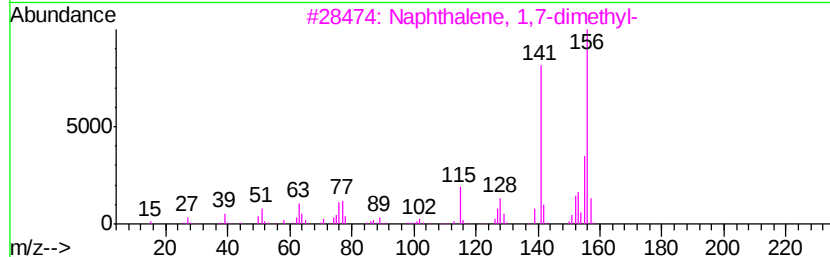
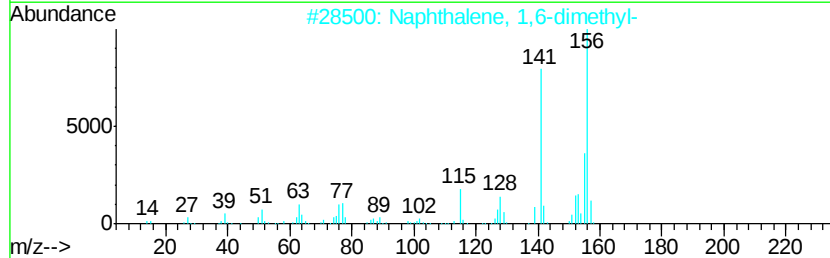
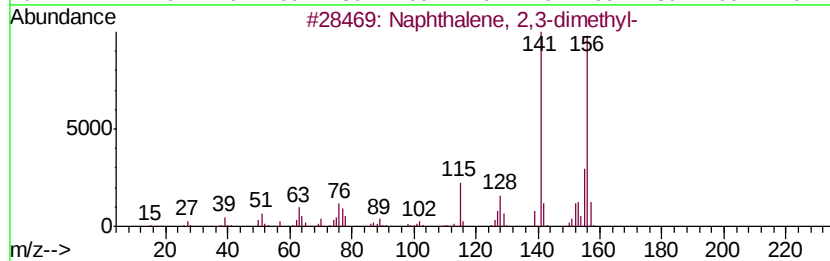
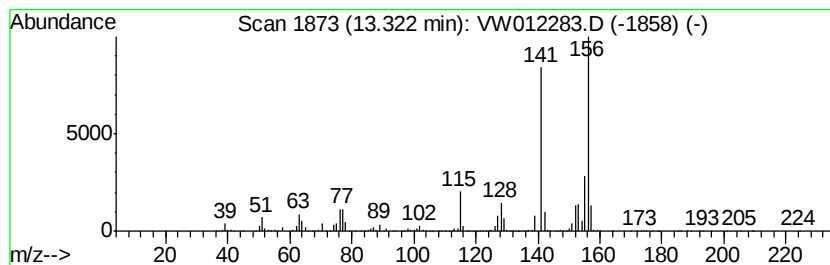
Instrument :
MSVOA_W
ClientSampleId :
SB-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	148.57 ug/l	2267310	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



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Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1

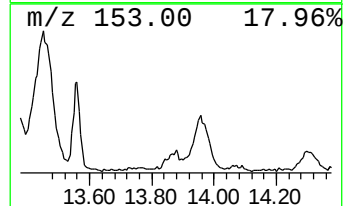
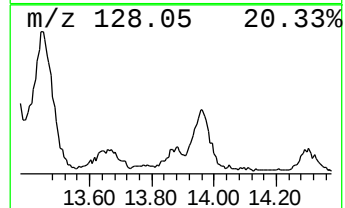
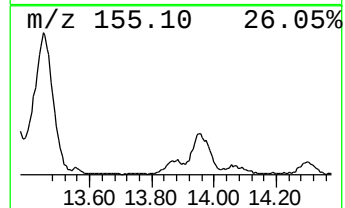
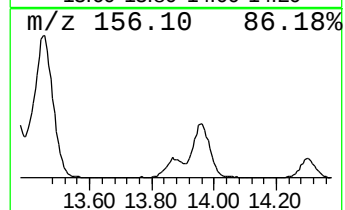
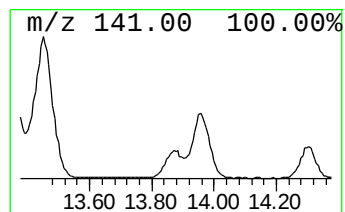
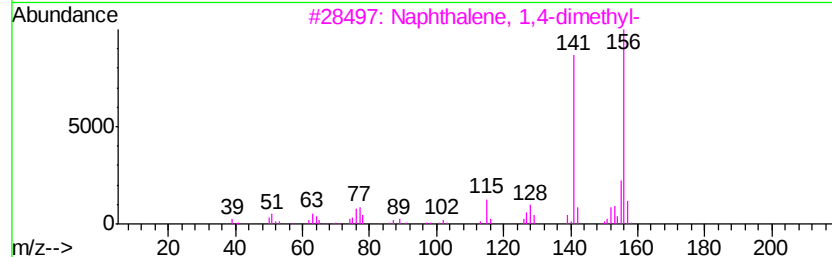
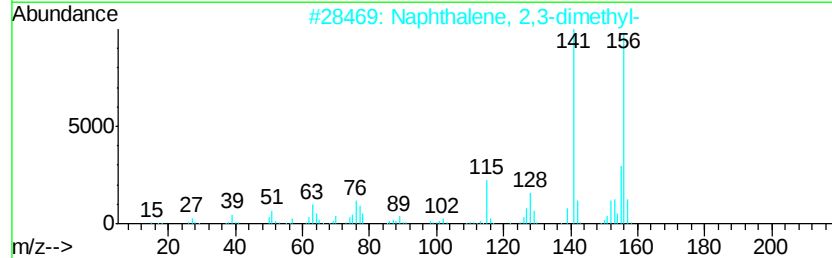
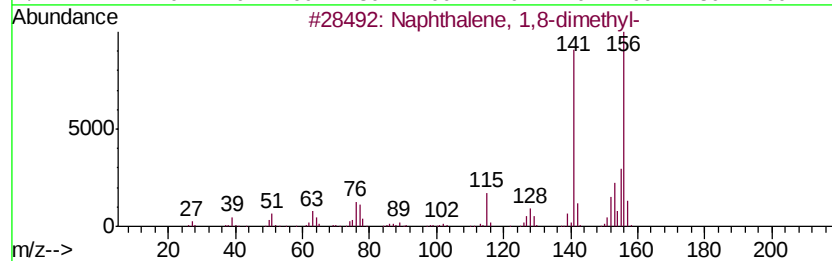
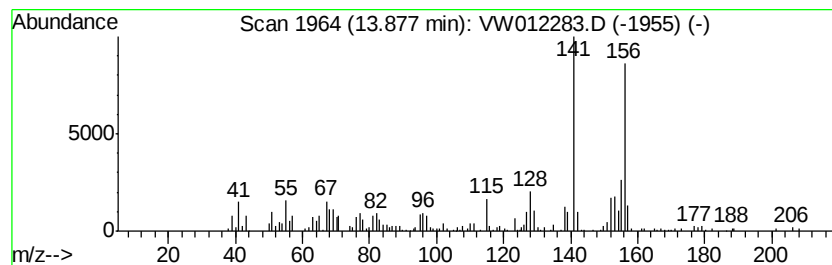
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	9.57 ug/l	146037	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



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Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

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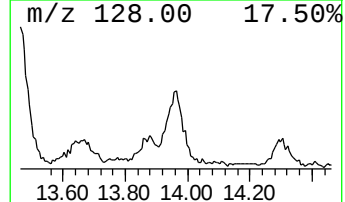
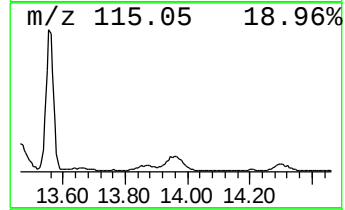
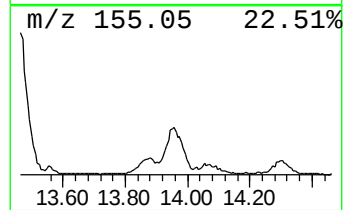
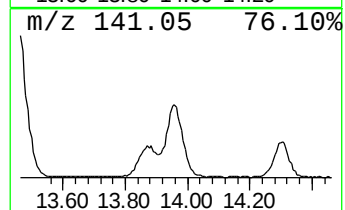
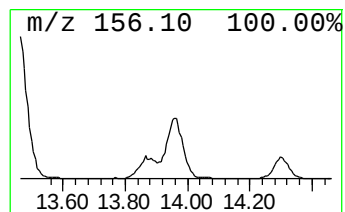
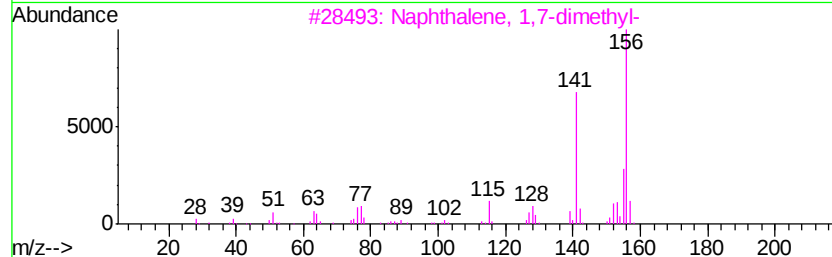
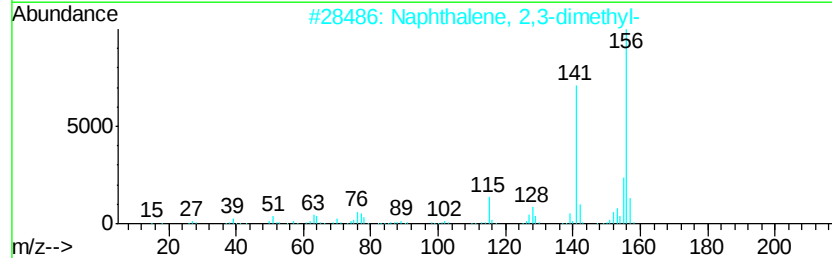
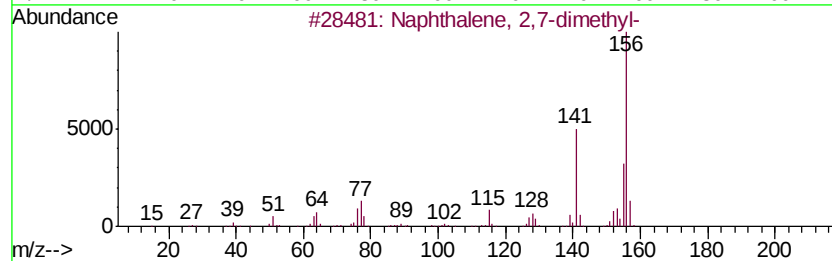
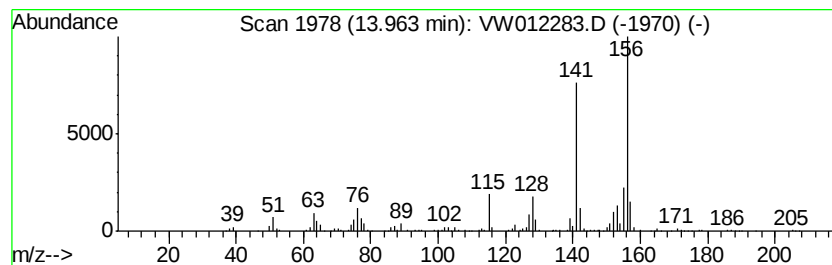
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	26.02 ug/l	397069	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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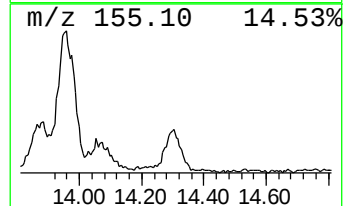
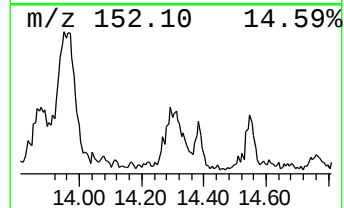
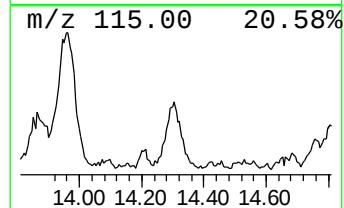
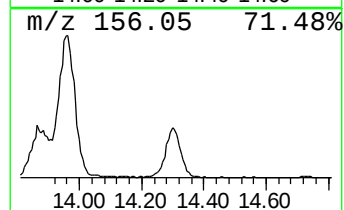
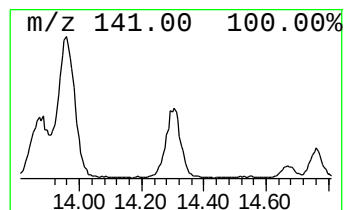
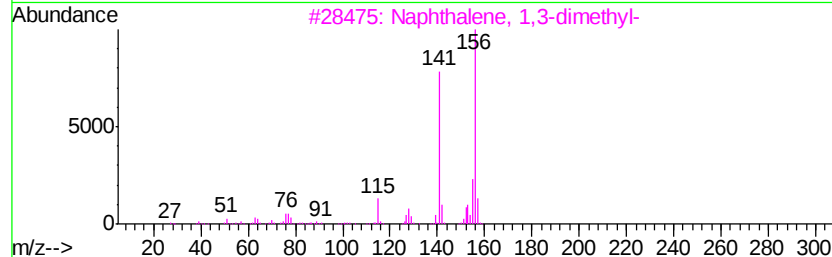
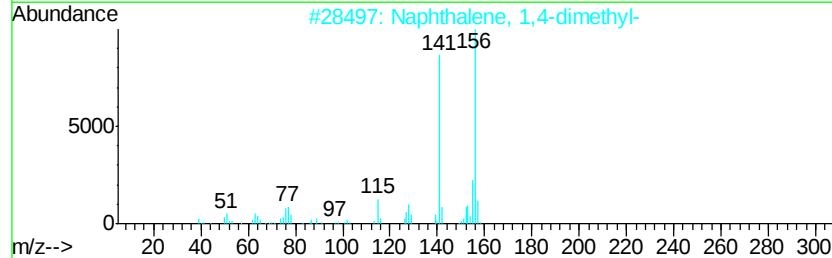
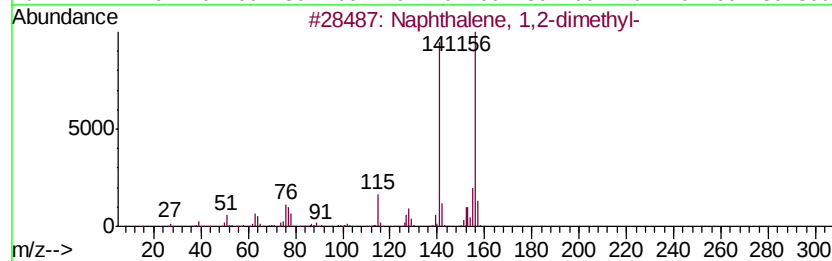
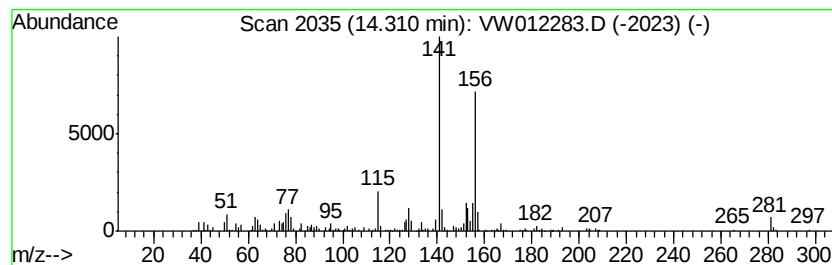
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	8.38 ug/l	127956	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



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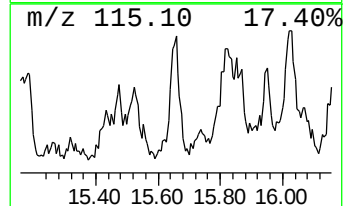
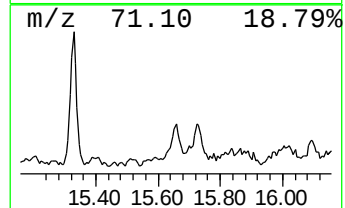
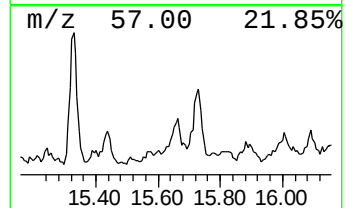
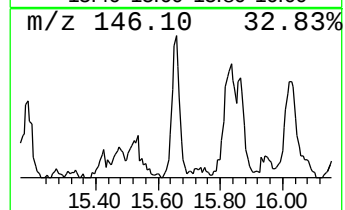
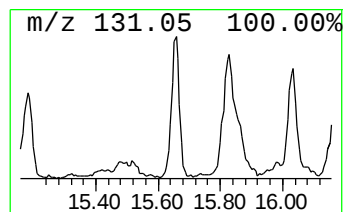
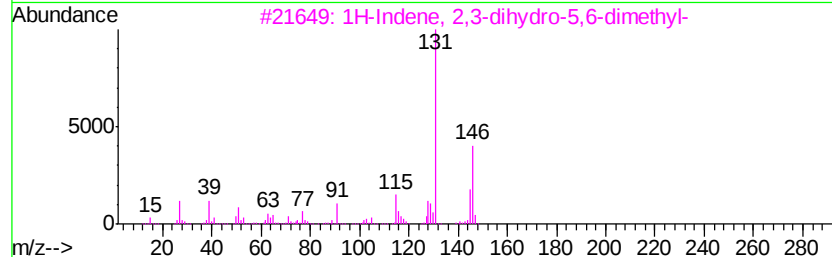
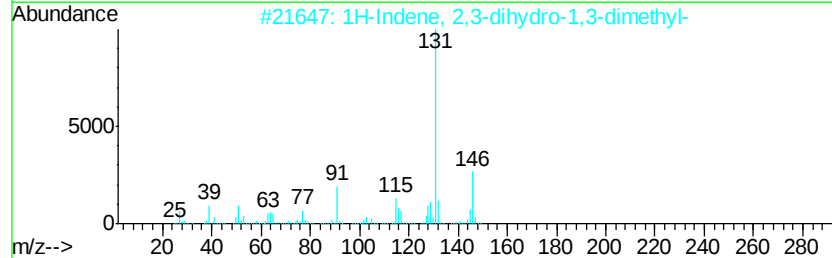
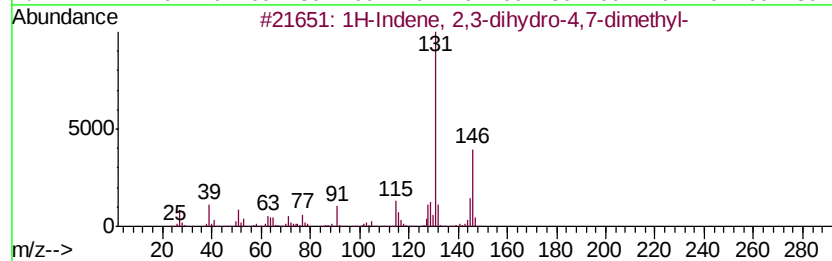
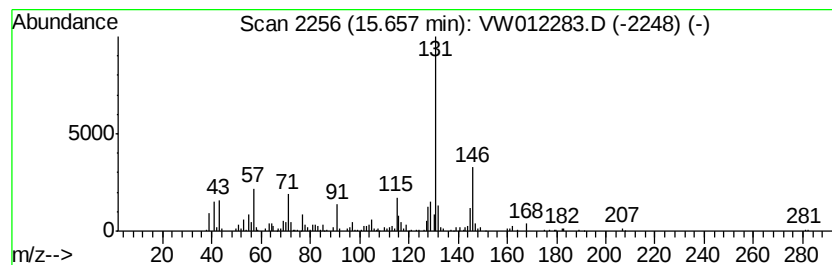
Instrument :
MSVOA_W
ClientSampled :
SB-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.98 ug/l	106562	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5	95
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146 C11H14	001075-22-5	93
4	2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7	93
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
Data File : VW012283.D
Acq On : 29 Aug 2019 05:28
Operator : SY/VA
Sample : K4539-01
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1

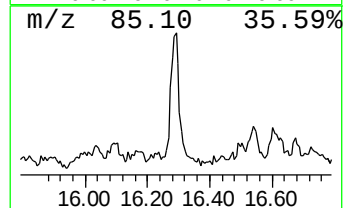
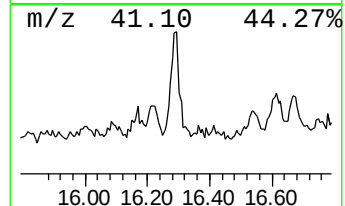
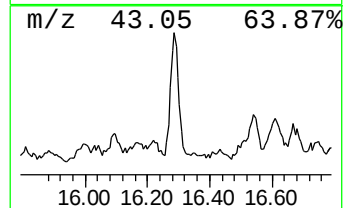
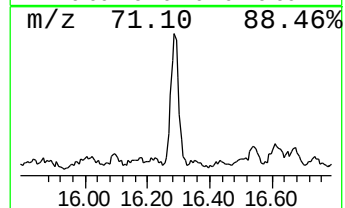
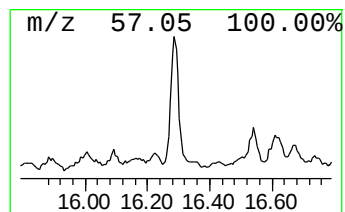
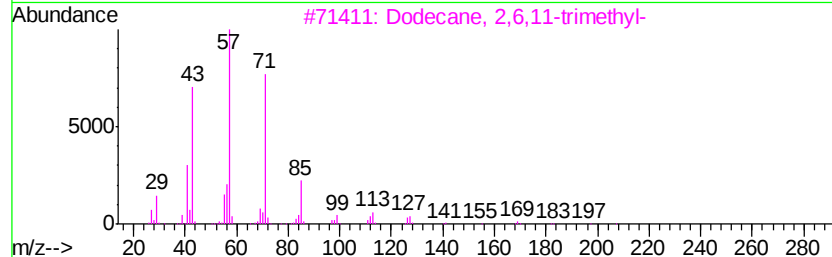
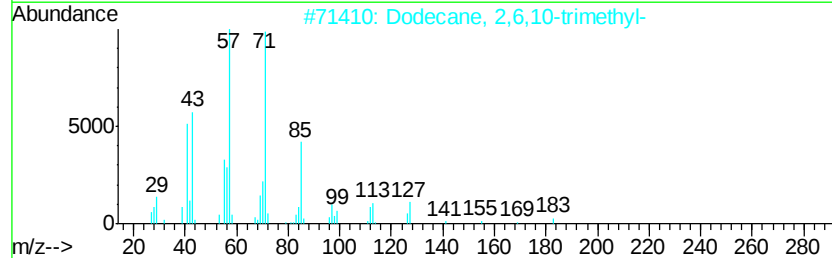
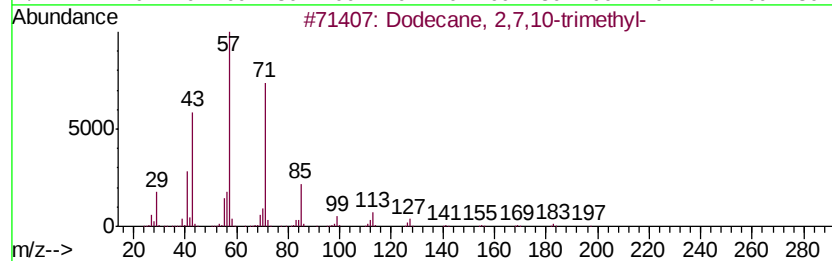
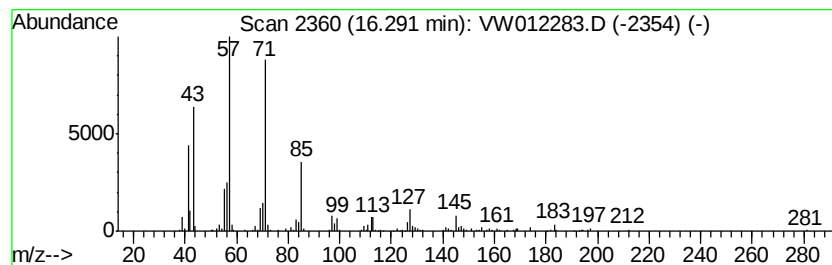
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.77 ug/l	103275	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
5		Decane, 5-propyl-	184	C13H28	017312-62-8	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
Data File : VW012283.D
Acq On : 29 Aug 2019 05:28
Operator : SY/VA
Sample : K4539-01
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1

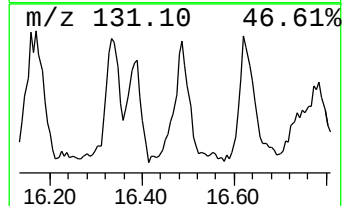
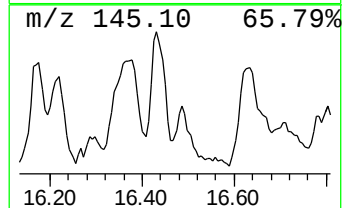
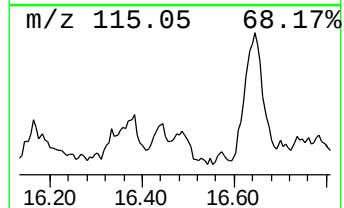
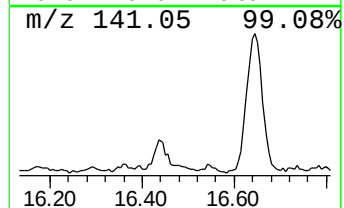
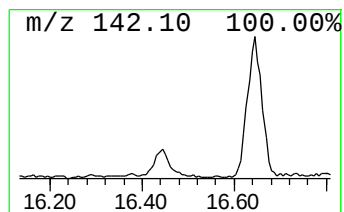
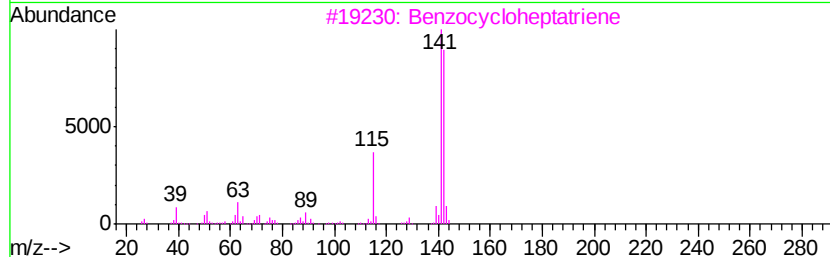
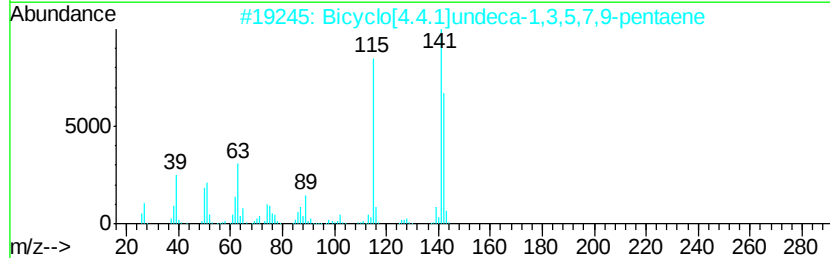
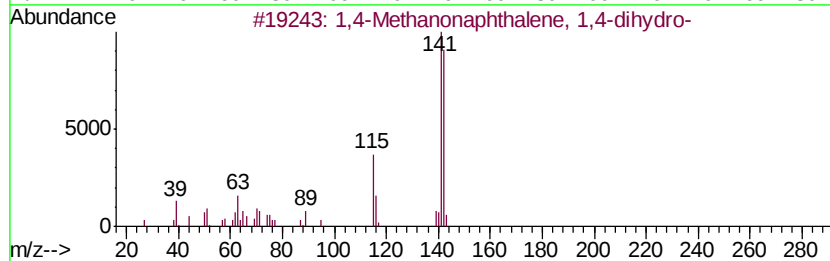
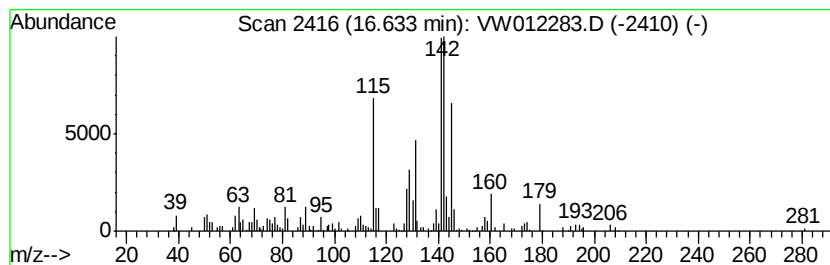
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	12.13 ug/l	185089	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	55
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	55
3		Benzocycloheptatriene	142	C11H10	000264-09-5	53
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	46
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
Data File : VW012283.D
Acq On : 29 Aug 2019 05:28
Operator : SY/VA
Sample : K4539-01
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.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
Naphthalene, 2,6-...	12.87	231.2	ug/l	3528530	4	13.56	763023	50.0
Naphthalene, 2,3-...	13.32	148.6	ug/l	2267310	4	13.56	763023	50.0
Naphthalene, 1,8-...	13.88	9.6	ug/l	146037	4	13.56	763023	50.0
Naphthalene, 2,7-...	13.96	26.0	ug/l	397069	4	13.56	763023	50.0
Naphthalene, 1,2-...	14.31	8.4	ug/l	127956	4	13.56	763023	50.0
1H-Indene, 2,3-di...	15.66	7.0	ug/l	106562	4	13.56	763023	50.0
Dodecane, 2,7,10-...	16.29	6.8	ug/l	103275	4	13.56	763023	50.0
1,4-Methanonaphth...	16.63	12.1	ug/l	185089	4	13.56	763023	50.0