

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059791.D
 Acq On : 2 Aug 2018 10:14
 Operator : VA/AP
 Sample : J4231-09
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5

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_F\METHODS\82F073018S.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	1.107	54	58	61	rVB2	7400	15240	1.57%	0.196%
2	1.689	115	117	124	rVB7	6745	18814	1.94%	0.242%
3	1.846	129	133	136	rVV4	4543	10734	1.11%	0.138%
4	2.270	173	176	178	rBV3	8085	19840	2.05%	0.256%
5	2.339	178	183	192	rVV	79685	212389	21.91%	2.736%
6	2.477	194	197	204	rVB8	5405	13748	1.42%	0.177%
7	3.079	257	258	260	rVB	15057	12927	1.33%	0.167%
8	4.192	366	371	375	rBV	7892	25165	2.60%	0.324%
9	4.291	375	381	392	rVB2	152728	455992	47.03%	5.875%
10	4.508	399	403	411	rVB2	18888	55144	5.69%	0.710%
11	5.030	447	456	470	rBV2	277665	969555	100.00%	12.491%
12	5.760	524	530	538	rVV	259841	679279	70.06%	8.751%
13	7.702	722	727	736	rBV	290527	695940	71.78%	8.966%
14	8.352	788	793	799	rBV2	3869	12566	1.30%	0.162%
15	9.910	946	951	959	rBV	250720	578692	59.69%	7.456%
16	10.402	993	1001	1006	rBV7	5759	18848	1.94%	0.243%
17	10.895	1048	1051	1054	rBV5	6900	17309	1.79%	0.223%
18	10.964	1054	1058	1062	rVB4	8903	21791	2.25%	0.281%
19	11.033	1062	1065	1067	rBV3	4865	10587	1.09%	0.136%
20	11.250	1083	1087	1090	rVB5	7211	16778	1.73%	0.216%
21	11.319	1090	1094	1096	rBV4	6417	13006	1.34%	0.168%
22	11.368	1096	1099	1102	rVB2	11766	25730	2.65%	0.331%
23	11.506	1104	1113	1120	rBV	239033	468099	48.28%	6.031%
24	11.595	1120	1122	1125	rVV3	12393	29293	3.02%	0.377%
25	11.635	1125	1126	1132	rVB2	13673	25265	2.61%	0.325%
26	11.713	1132	1134	1136	rBV3	5196	10724	1.11%	0.138%
27	11.763	1136	1139	1141	rVV4	14601	27209	2.81%	0.351%
28	11.802	1141	1143	1147	rVB4	13252	24582	2.54%	0.317%
29	12.019	1162	1165	1169	rBV4	10745	30165	3.11%	0.389%
30	12.088	1169	1172	1176	rVB4	16332	34183	3.53%	0.440%
31	12.157	1176	1179	1182	rBV4	9520	17987	1.86%	0.232%
32	12.246	1183	1188	1190	rBV6	24933	61549	6.35%	0.793%
33	12.285	1190	1192	1194	rVB3	17227	22876	2.36%	0.295%
34	12.364	1196	1200	1203	rBV2	79564	114025	11.76%	1.469%

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35	12.413	1203	1205	1207	rBV3	6859	10066	1.04%	0.130%
36	12.532	1213	1217	1223	rBV	92280	196981	20.32%	2.538%
37	12.630	1223	1227	1230	rBV	244328	353585	36.47%	4.555%
38	12.788	1236	1243	1246	rBV8	18016	68434	7.06%	0.882%
39	12.916	1251	1256	1260	rBV5	31951	88928	9.17%	1.146%
40	12.975	1260	1262	1265	rVB3	18275	22672	2.34%	0.292%
41	13.024	1265	1267	1270	rBV4	21820	43205	4.46%	0.557%
42	13.084	1270	1273	1275	rVB3	20405	32139	3.31%	0.414%
43	13.133	1276	1278	1280	rBV3	7302	10071	1.04%	0.130%
44	13.182	1280	1283	1285	rBV3	38550	67023	6.91%	0.863%
45	13.271	1291	1292	1295	rVB3	30012	37112	3.83%	0.478%
46	13.320	1295	1297	1300	rVB4	12836	25829	2.66%	0.333%
47	13.399	1300	1305	1308	rBV5	27742	66476	6.86%	0.856%
48	13.448	1308	1310	1313	rBV3	30485	38837	4.01%	0.500%
49	13.606	1323	1326	1328	rBV4	18256	30799	3.18%	0.397%
50	13.645	1328	1330	1334	rVB4	24422	44502	4.59%	0.573%
51	13.734	1334	1339	1341	rBV5	41859	89096	9.19%	1.148%
52	13.774	1341	1343	1346	rVV3	41933	84895	8.76%	1.094%
53	13.862	1350	1352	1354	rVV3	15303	22638	2.33%	0.292%
54	13.912	1354	1357	1361	rVV3	86702	188708	19.46%	2.431%
55	13.971	1361	1363	1366	rVB4	31557	49324	5.09%	0.635%
56	14.069	1371	1373	1375	rBV2	26719	45178	4.66%	0.582%
57	14.109	1375	1377	1380	rBV4	18459	39409	4.06%	0.508%
58	14.217	1385	1388	1393	rVB5	56584	105817	10.91%	1.363%
59	14.306	1393	1397	1401	rBV4	48630	123768	12.77%	1.595%
60	14.375	1401	1404	1406	rBV2	43584	79505	8.20%	1.024%
61	14.414	1406	1408	1412	rVB3	57528	93949	9.69%	1.210%
62	14.523	1413	1419	1421	rBV	242478	423153	43.64%	5.452%
63	14.651	1429	1432	1435	rVB4	38587	55723	5.75%	0.718%
64	14.907	1456	1458	1462	rBV4	27423	60188	6.21%	0.775%
65	15.341	1500	1502	1505	rVB	54388	80118	8.26%	1.032%
66	15.390	1505	1507	1512	rVV4	29213	62454	6.44%	0.805%
67	15.469	1513	1515	1521	rVB	60902	107379	11.08%	1.383%
68	15.854	1552	1554	1559	rVB	43093	77410	7.98%	0.997%
69	16.070	1572	1576	1577	rBV	43848	70513	7.27%	0.908%

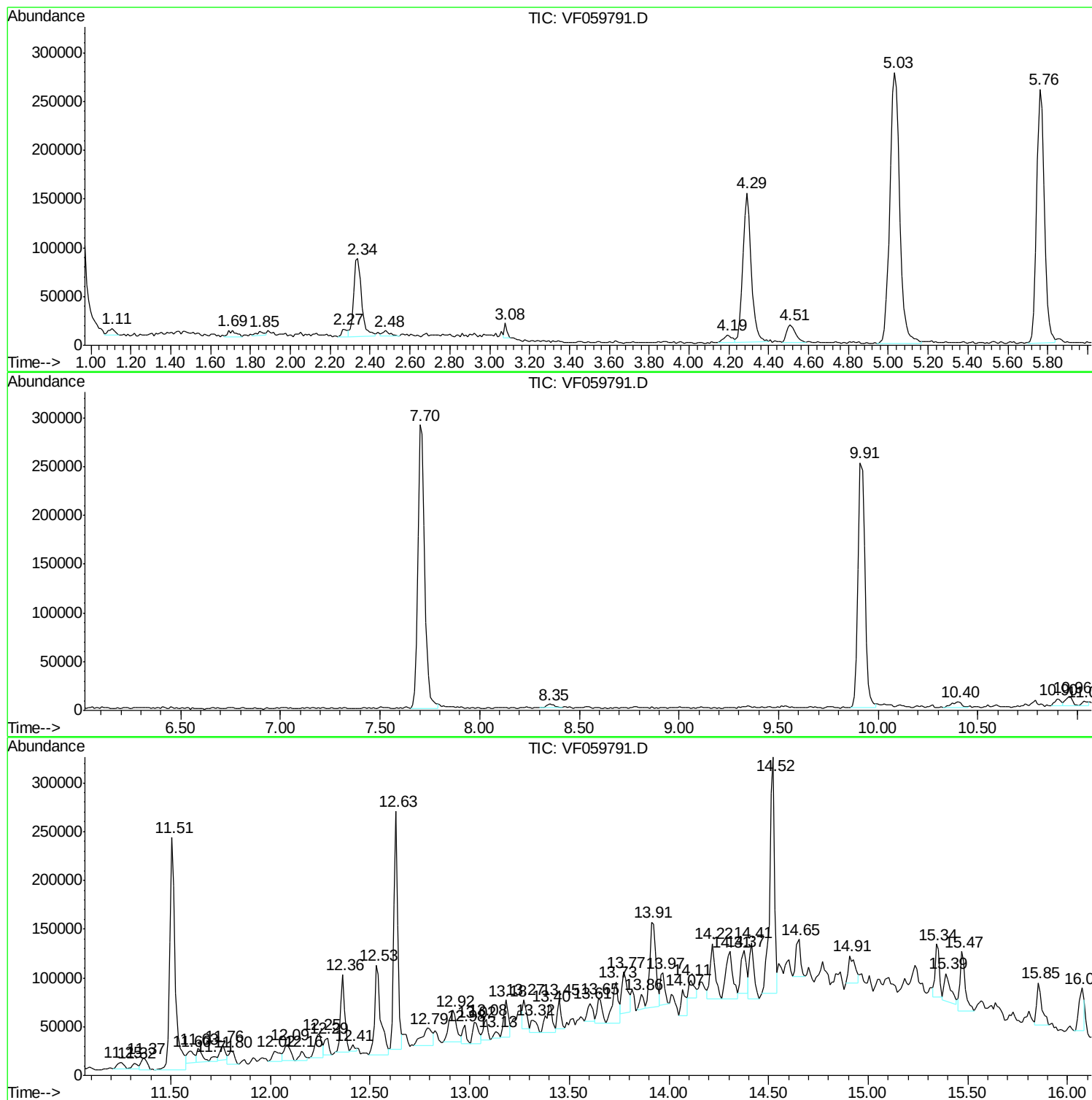
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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



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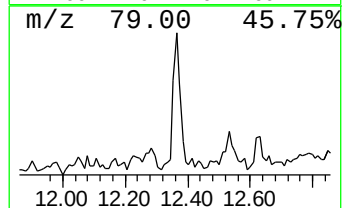
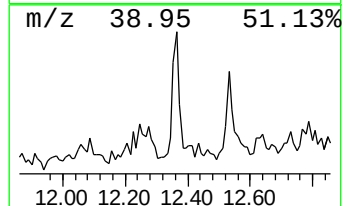
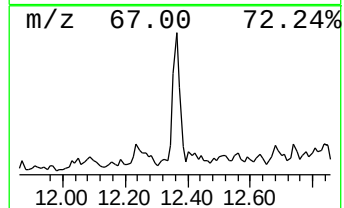
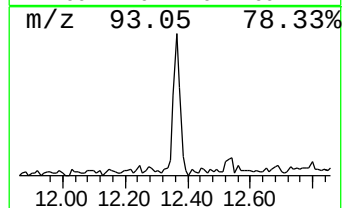
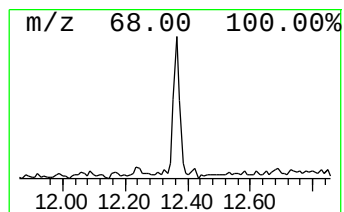
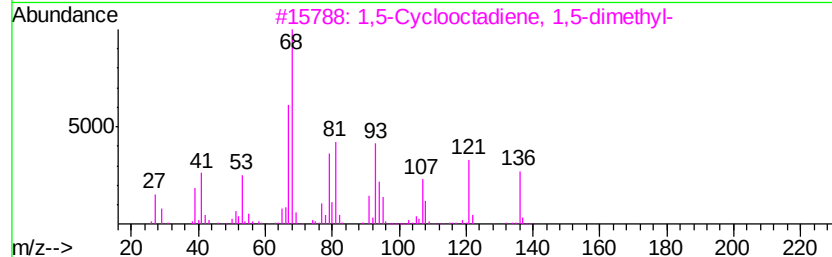
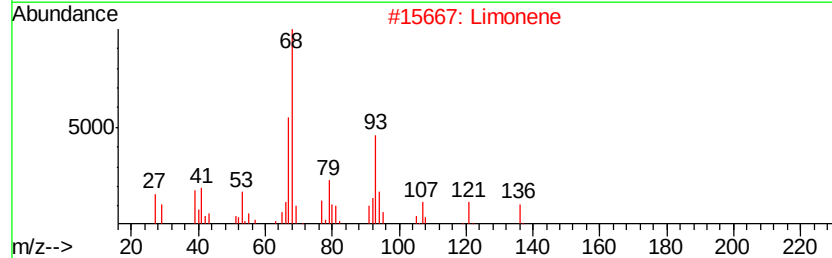
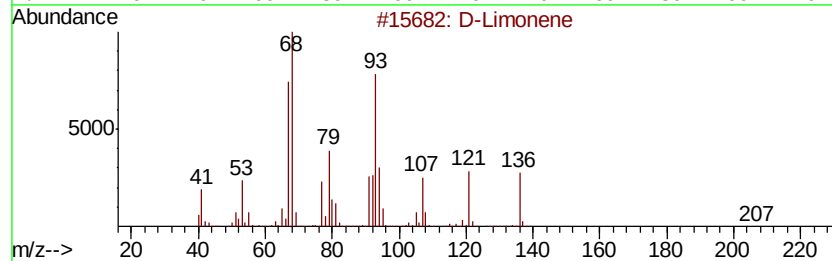
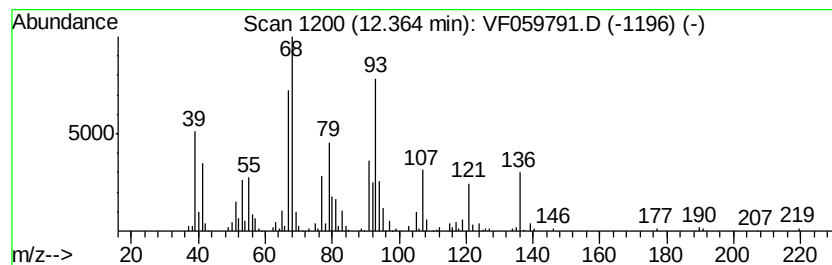
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 1 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	16.12 ug/l	114025	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	97
2	Limonene	136 C10H16	000138-86-3	94
3	1,5-Cyclooctadiene, 1,5-dimethyl-	136 C10H16	003760-14-3	72
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136 C10H16	001743-61-9	70
5	Cyclohexene, 1-methyl-4-(1-methy...	136 C10H16	005989-54-8	62



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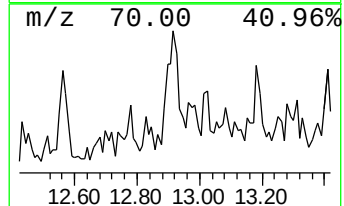
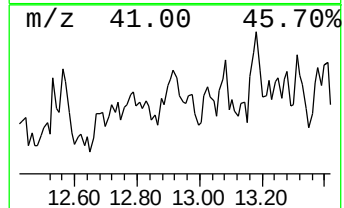
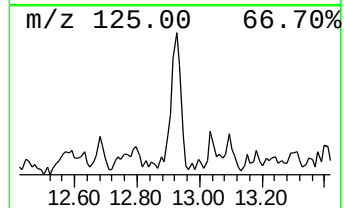
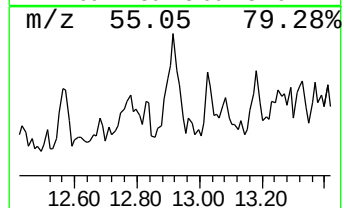
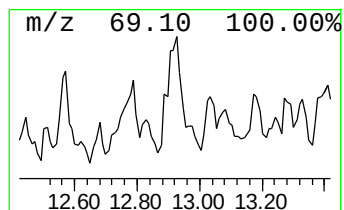
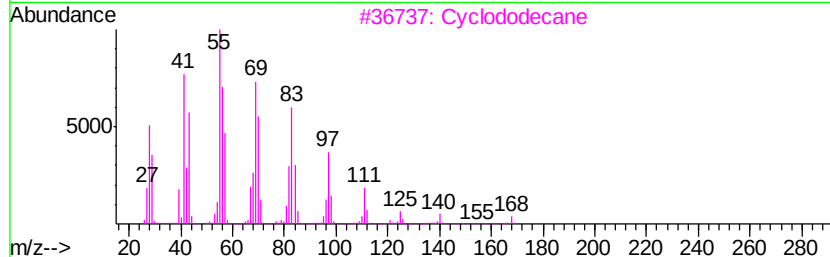
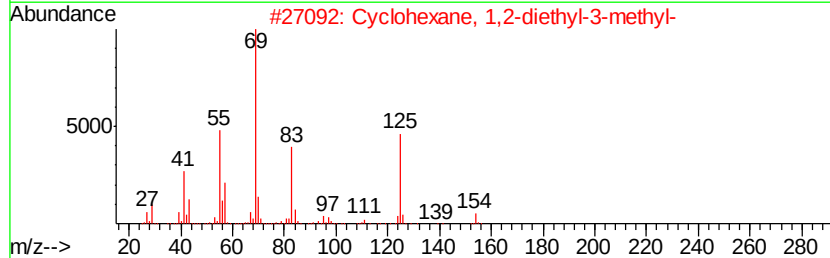
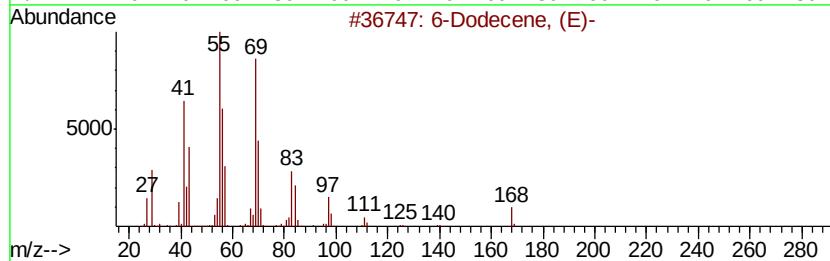
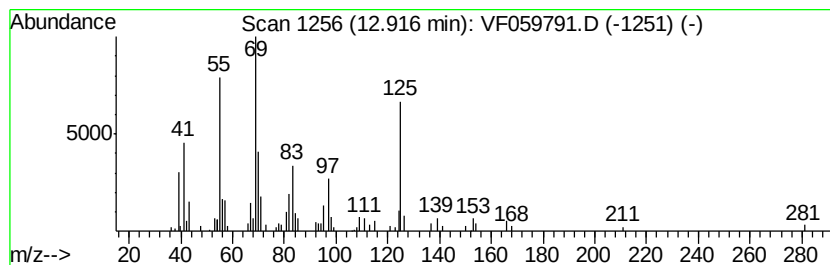
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 6-Dodecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	12.58 ug/l	88928	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Dodecene, (E)-	168 C12H24	007206-17-9	53
2	Cyclohexane, 1,2-diethyl-3-methyl-	154 C11H22	061141-80-8	47
3	Cyclododecane	168 C12H24	000294-62-2	38
4	4-Nonene, 2,3,3-trimethyl-, (Z)-	168 C12H24	063830-68-2	35
5	3,4-Dimethyl cyclohexanone	126 C8H14O	005465-09-8	30



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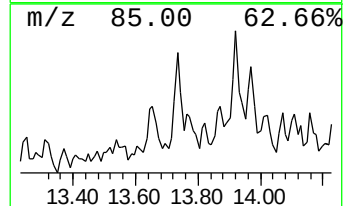
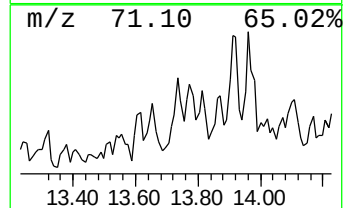
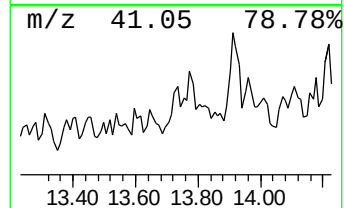
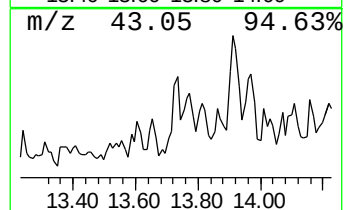
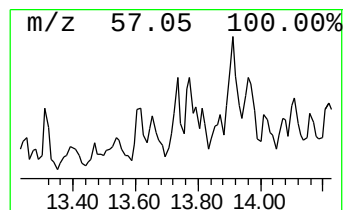
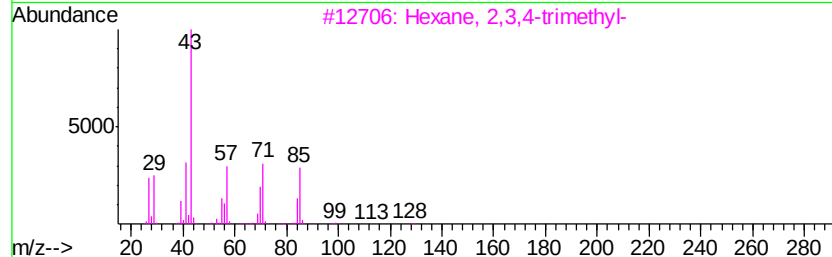
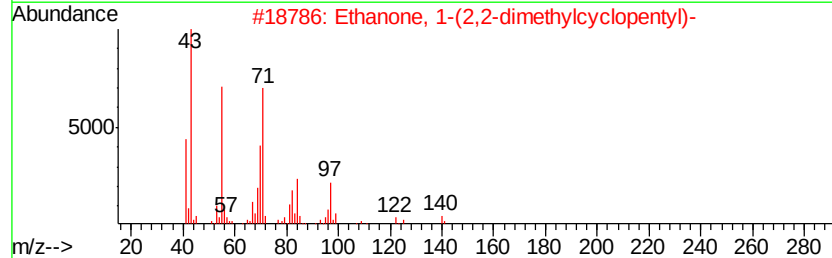
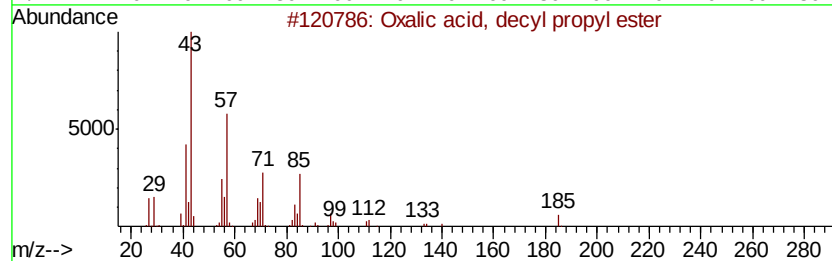
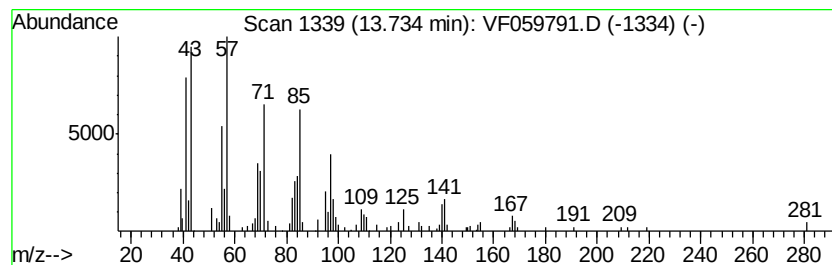
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 3 unknown13.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	12.60 ug/l	89096	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, decyl propyl ester	272	C15H28O4	1000309-26-3	38
2		Ethanone, 1-(2,2-dimethylcyclopentyl)-	140	C9H16O	003664-75-3	38
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	35
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	35
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27



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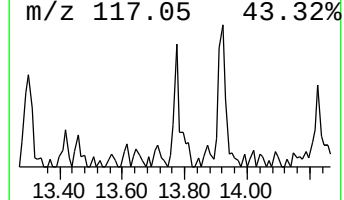
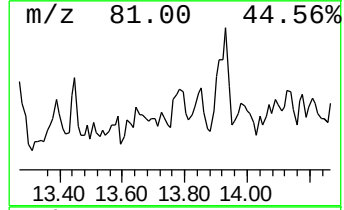
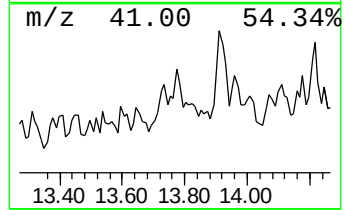
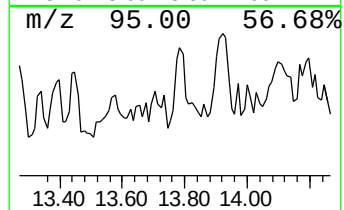
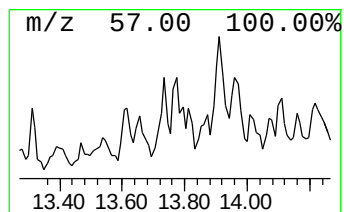
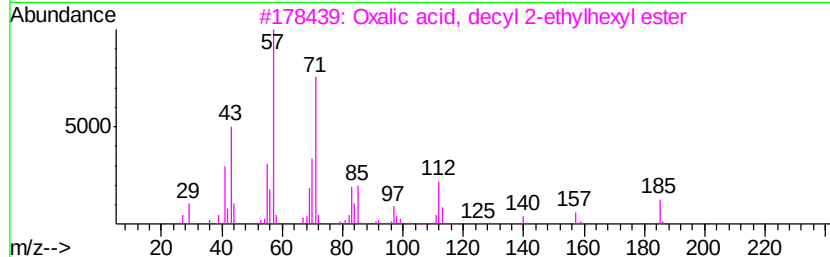
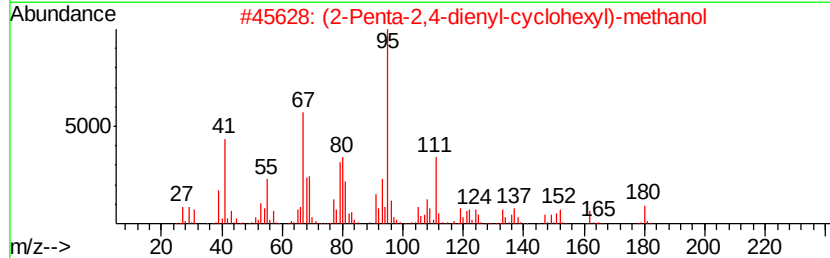
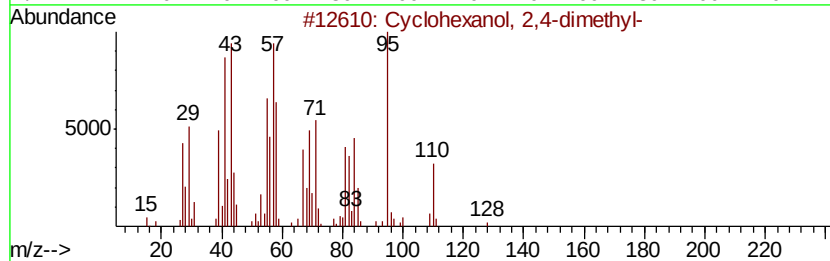
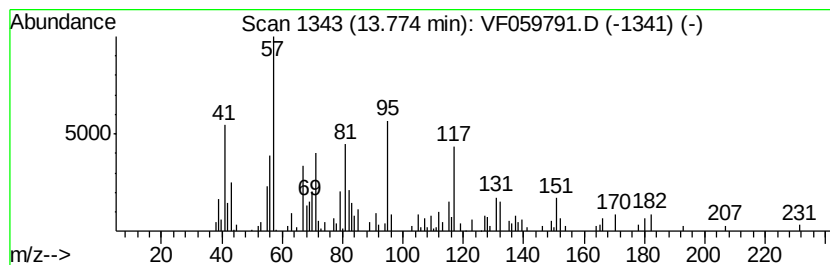
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Peak Number 4 unknown13.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	12.00 ug/l	84895	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanol, 2,4-dimethyl-	128 C8H16O	069542-91-2 38
2		(2-Penta-2,4-dienyl-cyclohexyl)-...	180 C12H20O	1000186-20-6 25
3		Oxalic acid, decyl 2-ethylhexyl ...	342 C20H38O4	1000309-39-3 14
4		Carbonic acid, butyl 2-ethylhexyl...	230 C13H26O3	1000357-84-4 14
5		Dodecane, 1-fluoro-	188 C12H25F	000334-68-9 14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059791.D
Acq On : 2 Aug 2018 10:14
Operator : VA/AP
Sample : J4231-09
Misc : 5.04µ/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

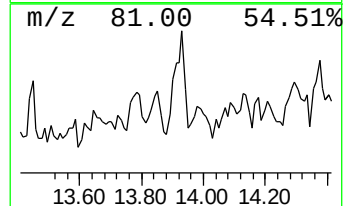
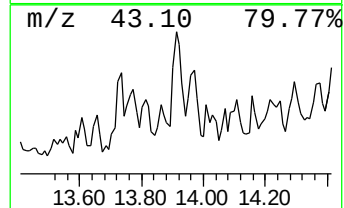
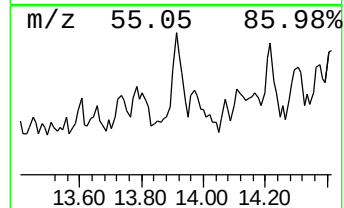
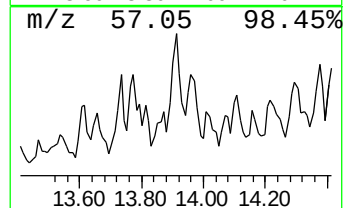
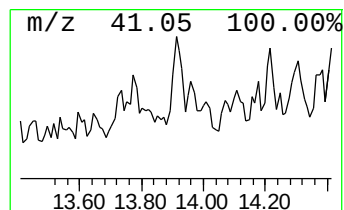
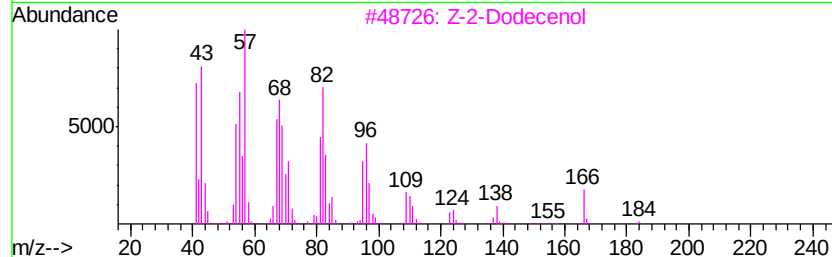
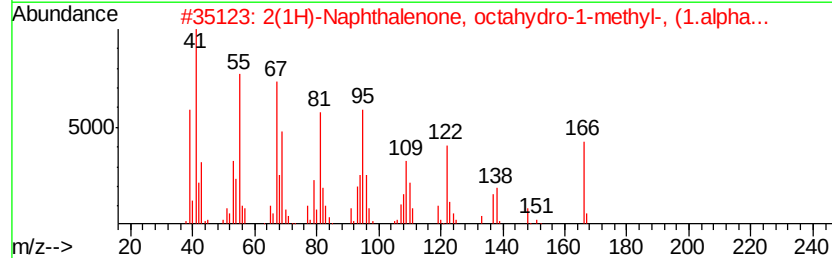
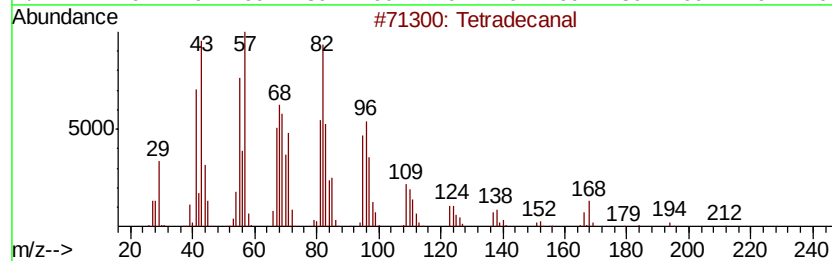
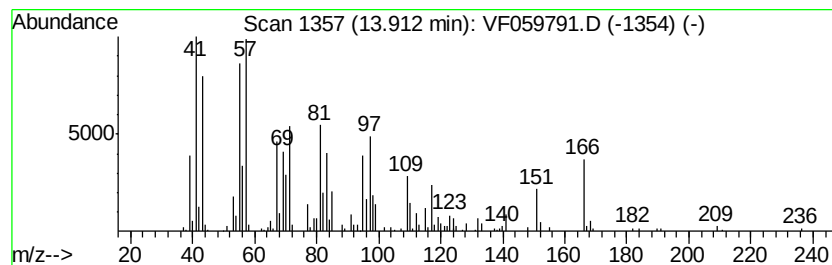
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 5 Tetradecanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	26.69 ug/l	188708	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecanal	212 C14H28O	000124-25-4 58
2		2(1H)-Naphthalenone, octahydro-1...	166 C11H18O	021102-88-5 38
3		Z-2-Dodecenol	184 C12H24O	069064-36-4 38
4		Pentafluoropropionic acid, tetra...	360 C17H29F5O2	006222-06-6 27
5		Levomenthol	156 C10H20O	002216-51-5 22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059791.D
Acq On : 2 Aug 2018 10:14
Operator : VA/AP
Sample : J4231-09
Misc : 5.04g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

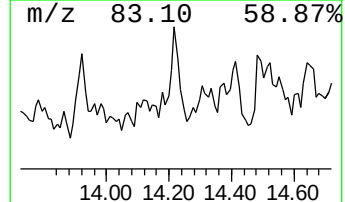
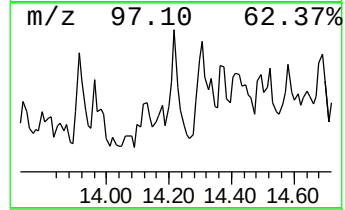
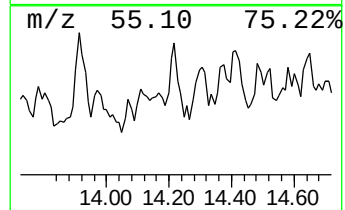
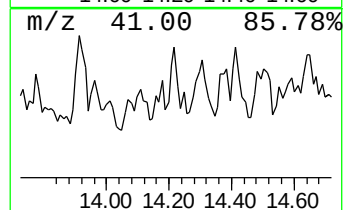
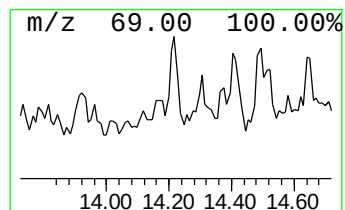
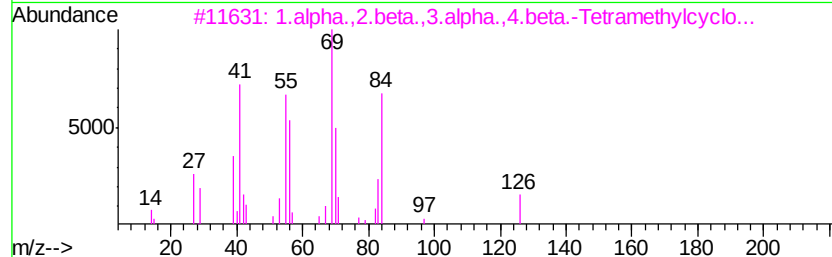
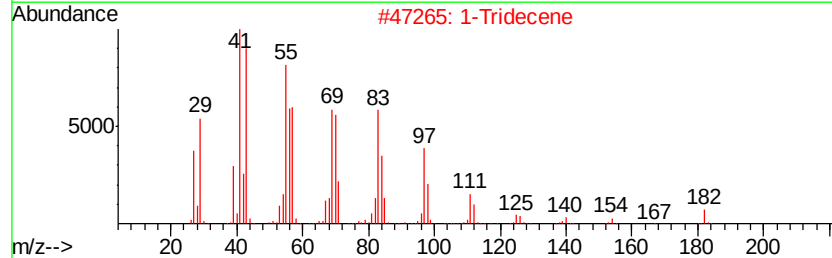
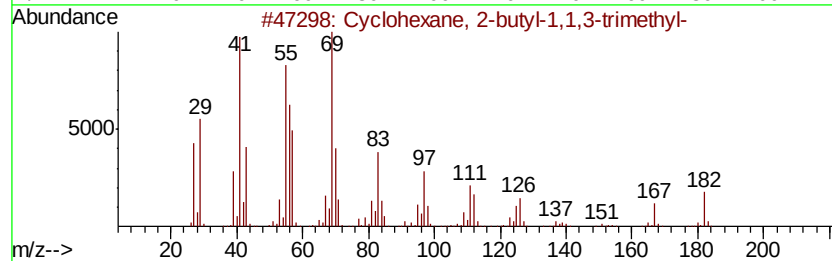
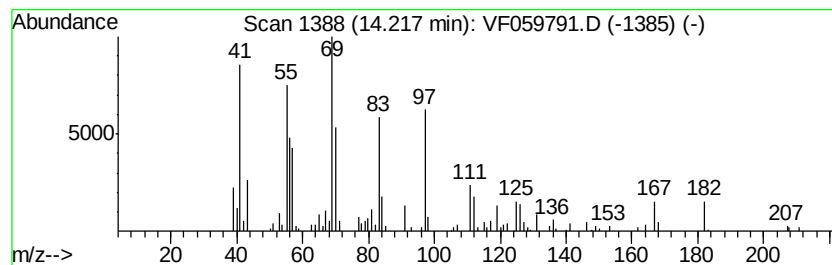
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	14.96 ug/l	105817	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182 C13H26	054676-39-0 68
2		1-Tridecene	182 C13H26	002437-56-1 58
3		1.alpha.,2.beta.,3.alpha.,4.beta...	126 C9H18	002532-67-4 52
4		4-Nonene, 5-butyl-	182 C13H26	007367-38-6 46
5		3-Undecene, 8-methyl-	168 C12H24	1000061-84-4 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059791.D
Acq On : 2 Aug 2018 10:14
Operator : VA/AP
Sample : J4231-09
Misc : 5.04g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

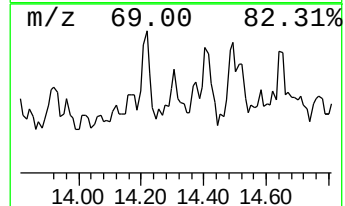
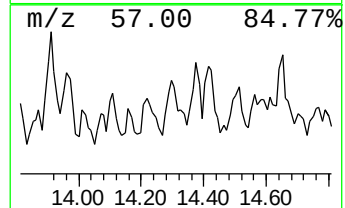
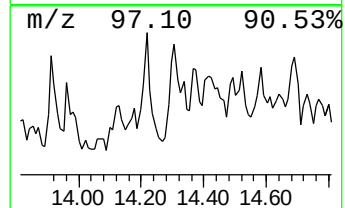
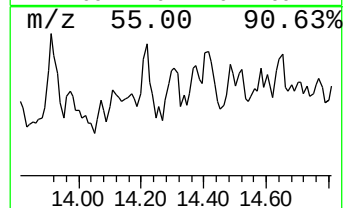
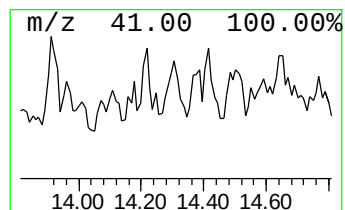
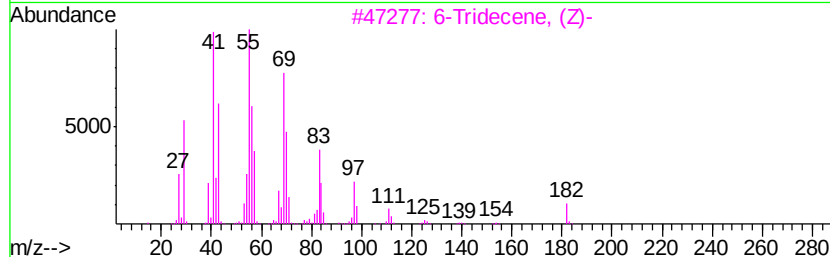
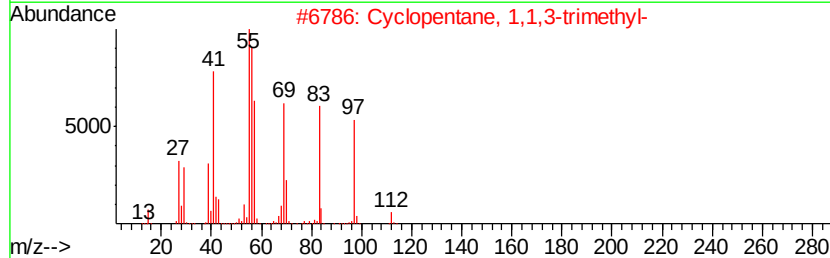
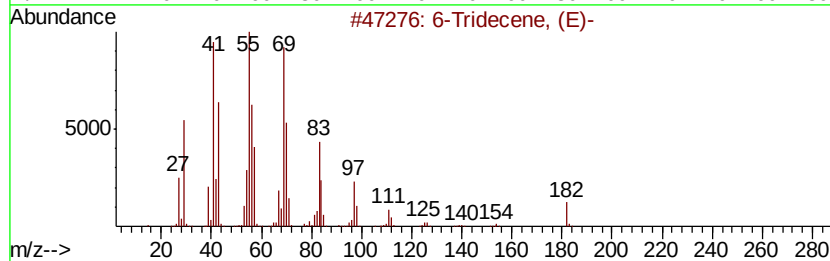
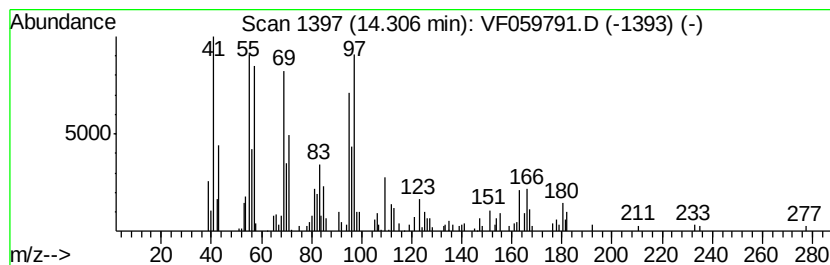
Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 7 6-Tridecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	17.50 ug/l	123768	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Tridecene, (E)-	182 C13H26	006434-76-0	38
2	Cyclopentane, 1,1,3-trimethyl-	112 C8H16	004516-69-2	30
3	6-Tridecene, (Z)-	182 C13H26	006508-77-6	30
4	Cyclohexane, 2-butyl-1,1,3-trime...	182 C13H26	054676-39-0	30
5	Cyclopentane, 1,2-dimethyl-3-(1-...	140 C10H20	000489-20-3	30



Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059791.D
Acq On : 2 Aug 2018 10:14
Operator : VA/AP
Sample : J4231-09
Misc : 5.04g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

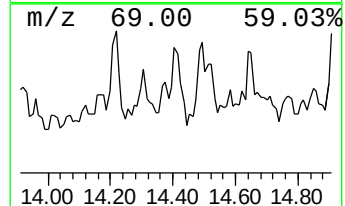
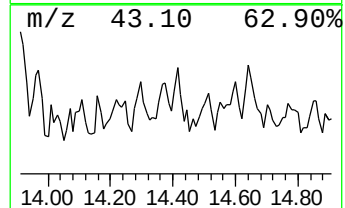
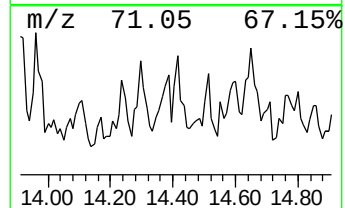
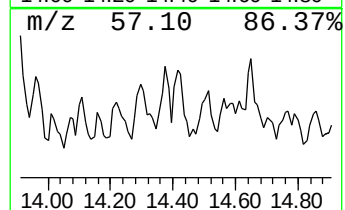
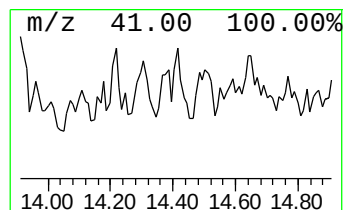
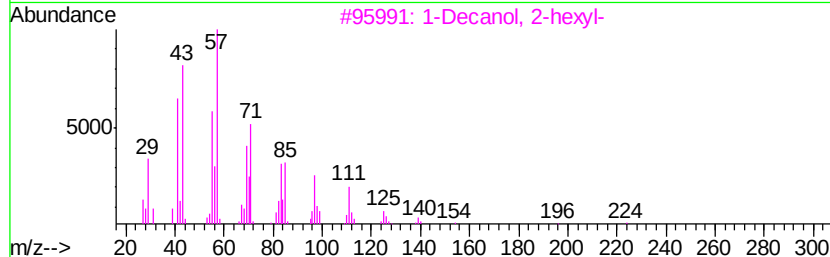
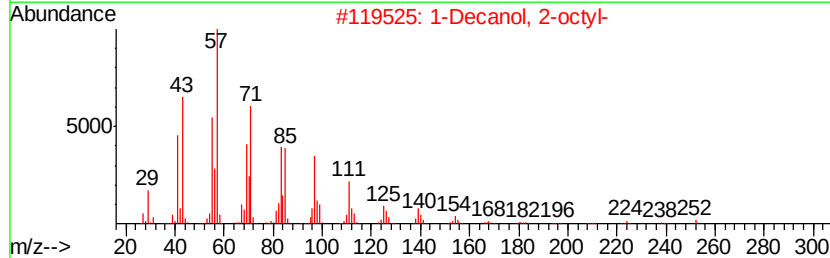
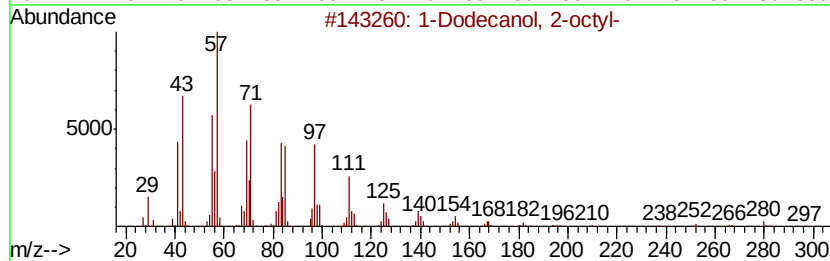
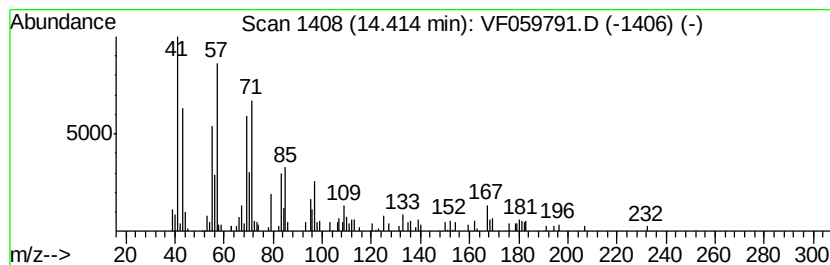
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260

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

Peak Number 8 1-Dodecanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.41	13.29 ug/l	93949	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	58
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	58
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	52
4	7-Tetradecene	196	C14H28	010374-74-0	38
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059791.D
Acq On : 2 Aug 2018 10:14
Operator : VA/AP
Sample : J4231-09
Misc : 5.04g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

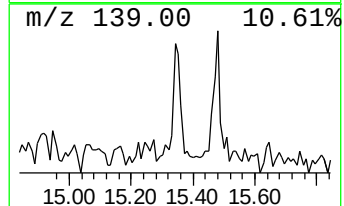
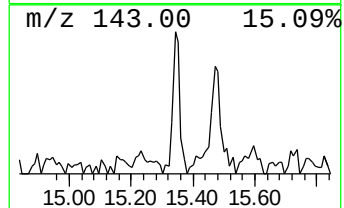
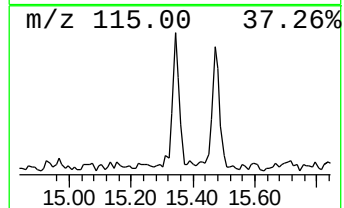
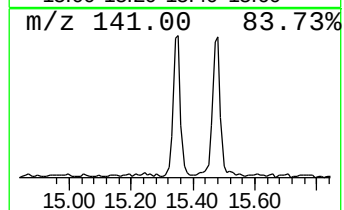
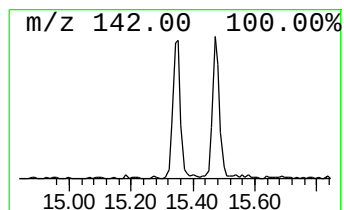
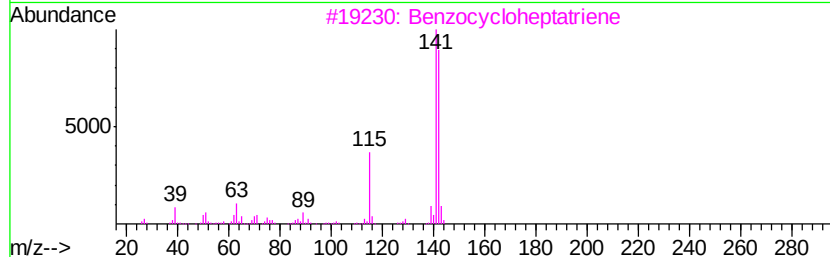
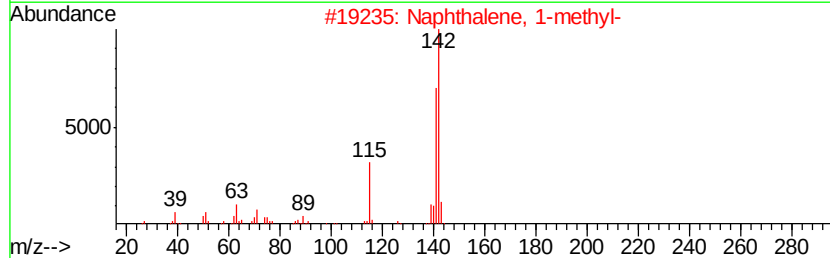
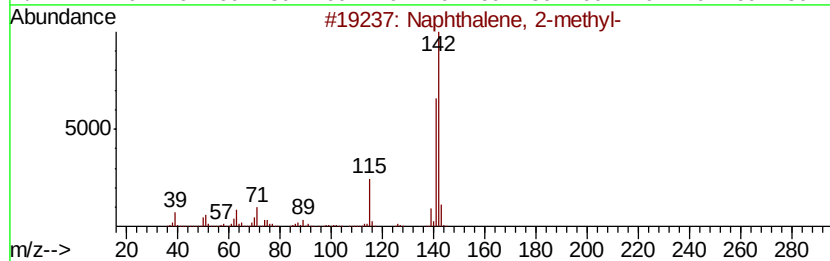
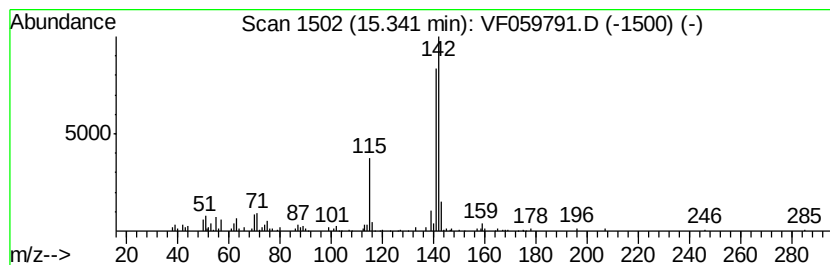
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	11.33 ug/l	80118	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
5		Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059791.D
Acq On : 2 Aug 2018 10:14
Operator : VA/AP
Sample : J4231-09
Misc : 5.04g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

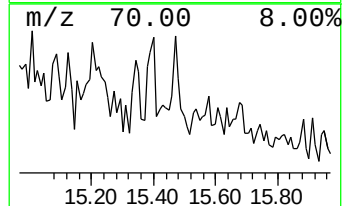
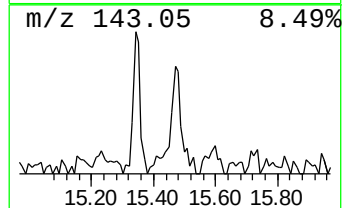
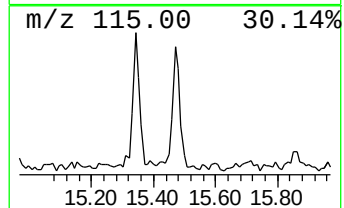
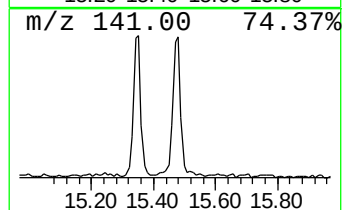
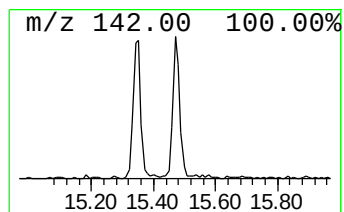
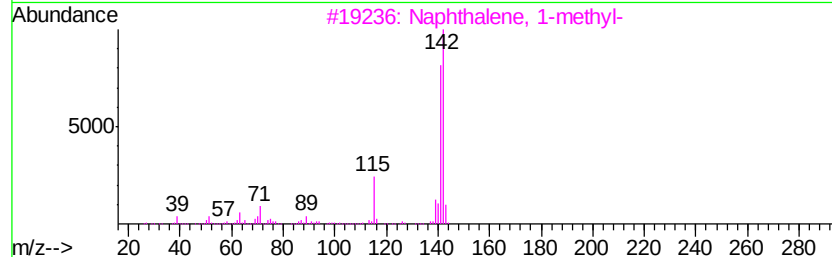
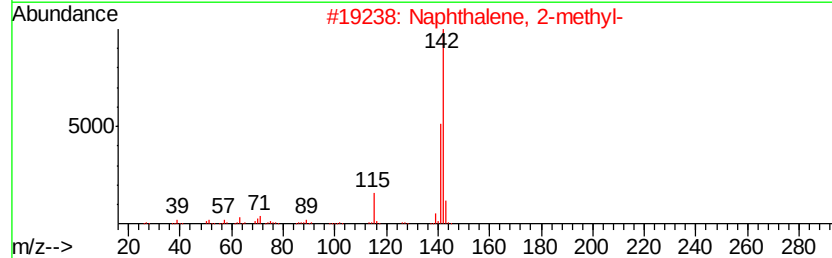
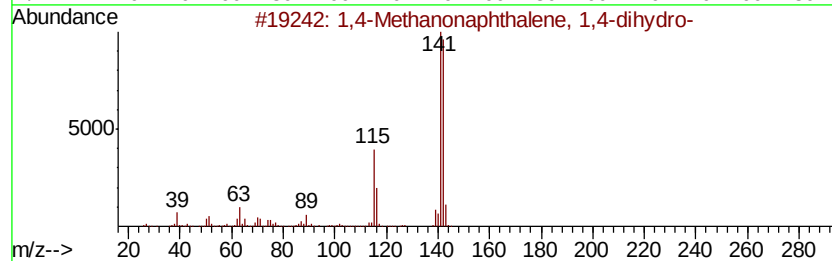
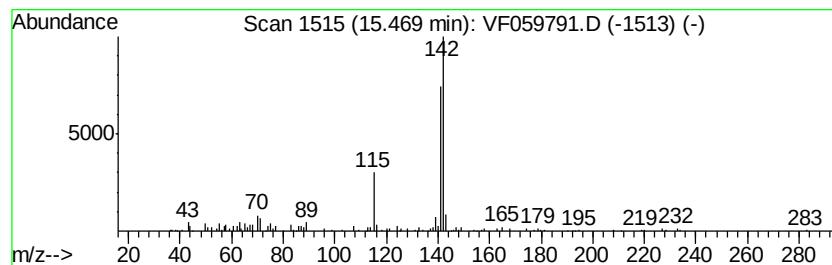
Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	15.18 ug/l	107379	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1	91
2	Naphthalene, 2-methyl-	142 C11H10	000091-57-6	90
3	Naphthalene, 1-methyl-	142 C11H10	000090-12-0	90
4	Benzocycloheptatriene	142 C11H10	000264-09-5	87
5	1-Naphthaleneacetamide	185 C12H11NO	000086-86-2	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
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 Acq On : 2 Aug 2018 10:14
 Operator : VA/AP
 Sample : J4231-09
 Misc : 5.04g/5mL/MSVOA_F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.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
D-Limonene	12.36	16.1	ug/l	114025	4	12.63	353585	50.0
6-Dodecene, (E)-	12.92	12.6	ug/l	88928	4	12.63	353585	50.0
unknown13.73	13.73	12.6	ug/l	89096	4	12.63	353585	50.0
unknown13.77	13.77	12.0	ug/l	84895	4	12.63	353585	50.0
Tetradecanal	13.91	26.7	ug/l	188708	4	12.63	353585	50.0
Cyclohexane, 2-bu...	14.22	15.0	ug/l	105817	4	12.63	353585	50.0
6-Tridecene, (E)-	14.31	17.5	ug/l	123768	4	12.63	353585	50.0
1-Dodecanol, 2-oc...	14.41	13.3	ug/l	93949	4	12.63	353585	50.0
Naphthalene, 1-me...	15.34	11.3	ug/l	80118	4	12.63	353585	50.0
1,4-Methanonaphth...	15.47	15.2	ug/l	107379	4	12.63	353585	50.0