

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
 Data File : VF062064.D
 Acq On : 21 Mar 2019 16:54
 Operator : VA/AP
 Sample : K2018-01
 Misc : 6.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-A

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\82F031619S.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	2.186	155	158	160	rBV2	5970	10088	1.16%	0.157%
2	2.255	163	165	169	rVB4	5052	9177	1.05%	0.143%
3	4.040	339	346	349	rBV2	9195	34325	3.93%	0.536%
4	4.129	349	355	364	rVB	127251	388699	44.51%	6.065%
5	4.642	403	407	412	rBV4	4881	12784	1.46%	0.199%
6	4.878	422	431	441	rBV2	239666	873257	100.00%	13.625%
7	5.608	499	505	517	rVV	280333	778631	89.16%	12.149%
8	7.570	698	704	709	rBV	290925	697701	79.90%	10.886%
9	7.629	709	710	716	rVB2	20934	38724	4.43%	0.604%
10	9.789	924	929	935	rBV	327280	725617	83.09%	11.322%
11	9.907	938	941	946	rVB5	4609	9506	1.09%	0.148%
12	11.051	1053	1057	1059	rBV3	7254	16378	1.88%	0.256%
13	11.100	1059	1062	1064	rBV4	5011	11825	1.35%	0.185%
14	11.416	1090	1094	1101	rBV	302182	533216	61.06%	8.320%
15	11.564	1107	1109	1112	rBV3	8300	15174	1.74%	0.237%
16	11.889	1140	1142	1146	rBV5	6220	14410	1.65%	0.225%
17	12.126	1164	1166	1167	rBV2	6513	9228	1.06%	0.144%
18	12.560	1206	1210	1218	rVB	467766	771193	88.31%	12.033%
19	13.161	1268	1271	1280	rVB10	25249	83529	9.57%	1.303%
20	13.437	1295	1299	1305	rVB7	28294	99579	11.40%	1.554%
21	13.713	1325	1327	1333	rVB2	36646	62472	7.15%	0.975%
22	13.861	1340	1342	1346	rVB3	18376	35760	4.10%	0.558%
23	13.920	1346	1348	1350	rBV3	11662	17362	1.99%	0.271%
24	13.980	1351	1354	1357	rVB4	17128	34860	3.99%	0.544%
25	14.059	1357	1362	1368	rVB6	28240	83926	9.61%	1.309%
26	14.157	1368	1372	1375	rBV5	16037	30724	3.52%	0.479%
27	14.216	1376	1378	1382	rVB5	15578	29056	3.33%	0.453%
28	14.305	1386	1387	1389	rBV2	12923	16903	1.94%	0.264%
29	14.414	1396	1398	1400	rBV3	9778	15183	1.74%	0.237%
30	14.463	1400	1403	1408	rVV2	62170	90503	10.36%	1.412%
31	14.601	1415	1417	1424	rVB4	17835	35338	4.05%	0.551%
32	14.749	1429	1432	1435	rVB	41984	69863	8.00%	1.090%
33	14.838	1437	1441	1442	rBV3	9394	23068	2.64%	0.360%
34	14.877	1442	1445	1446	rBV2	14111	22584	2.59%	0.352%

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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 >
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35	14.956	1451	1453	1455	rVB3	10087	11311	1.30%	0.176%
36	15.015	1455	1459	1462	rBV2	26580	62655	7.17%	0.978%
37	15.124	1466	1470	1473	rBV2	128132	190305	21.79%	2.969%
38	15.173	1473	1475	1478	rVB3	22459	31818	3.64%	0.496%
39	15.281	1484	1486	1489	rVB2	23381	37086	4.25%	0.579%
40	15.350	1489	1493	1497	rVV6	21502	47264	5.41%	0.737%
41	15.419	1497	1500	1501	rVV	11397	16909	1.94%	0.264%
42	15.449	1501	1503	1507	rVB5	7908	10453	1.20%	0.163%
43	15.567	1513	1515	1517	rVB	18622	22456	2.57%	0.350%
44	15.607	1517	1519	1521	rVV3	9779	12816	1.47%	0.200%
45	15.646	1521	1523	1528	rVB	37601	70411	8.06%	1.099%
46	15.715	1528	1530	1535	rBV6	11626	26889	3.08%	0.420%
47	15.794	1535	1538	1545	rBV3	45401	92058	10.54%	1.436%
48	15.952	1550	1554	1556	rBV4	15897	36572	4.19%	0.571%
49	16.011	1556	1560	1564	rVB5	16944	39446	4.52%	0.615%

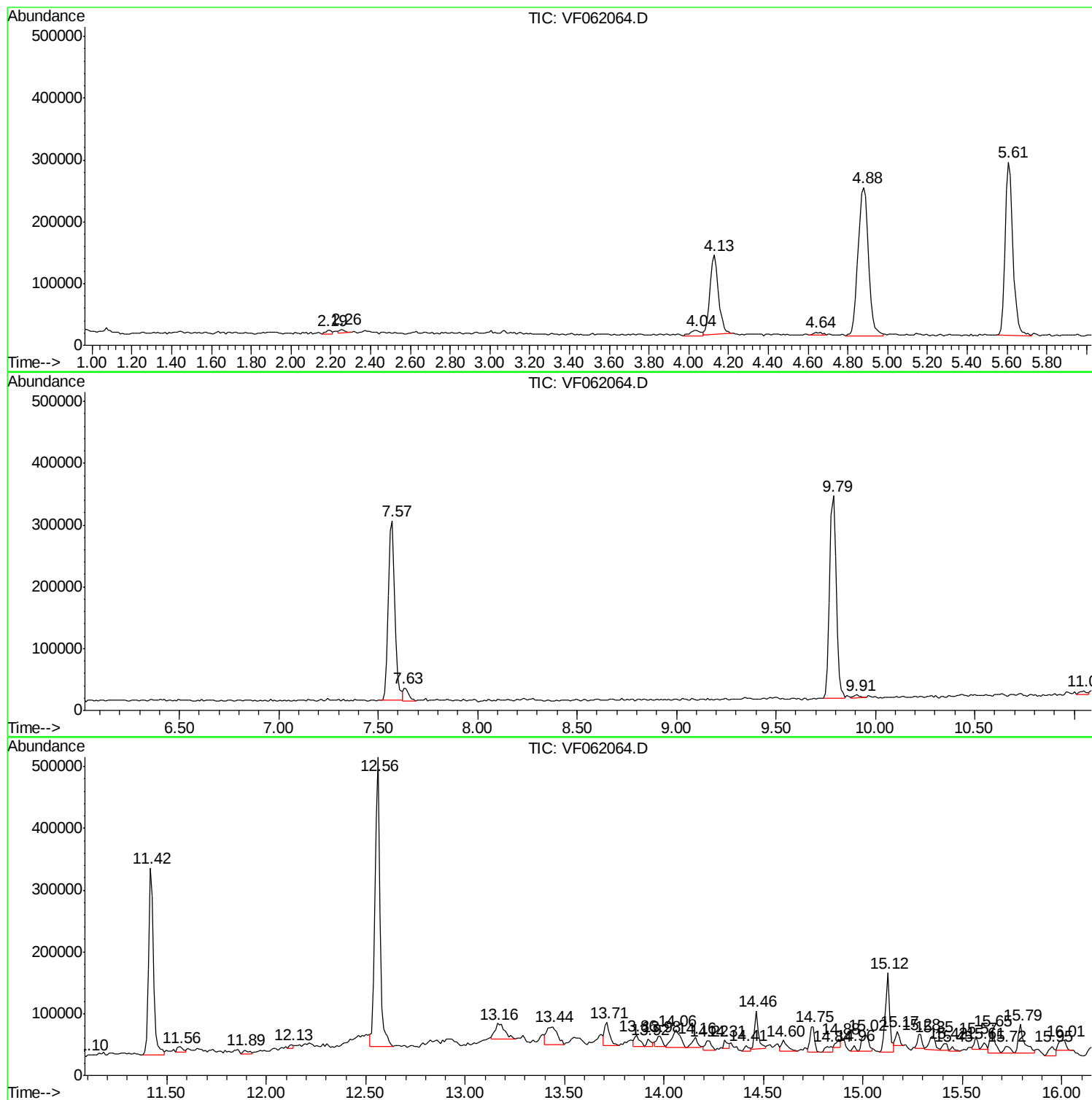
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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



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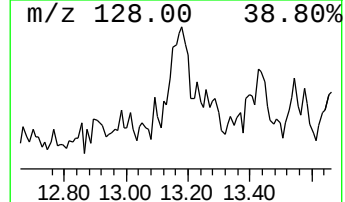
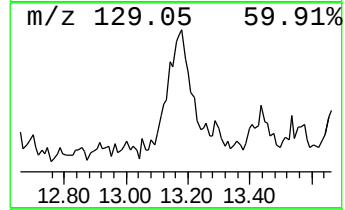
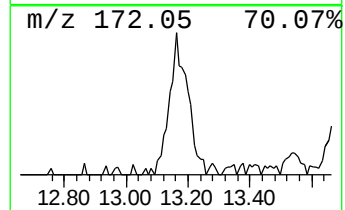
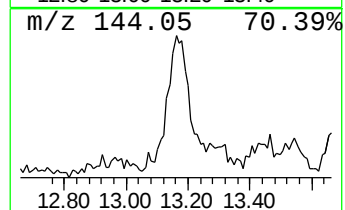
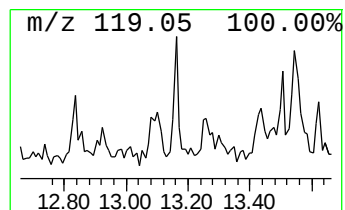
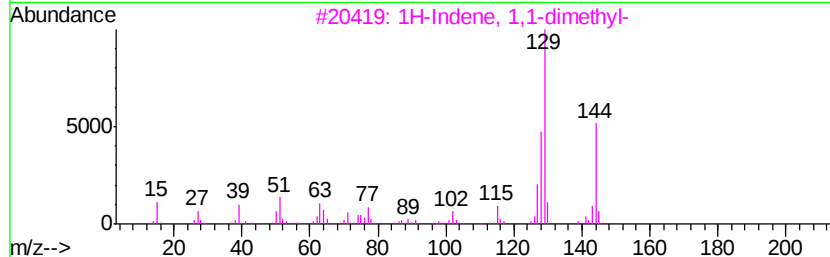
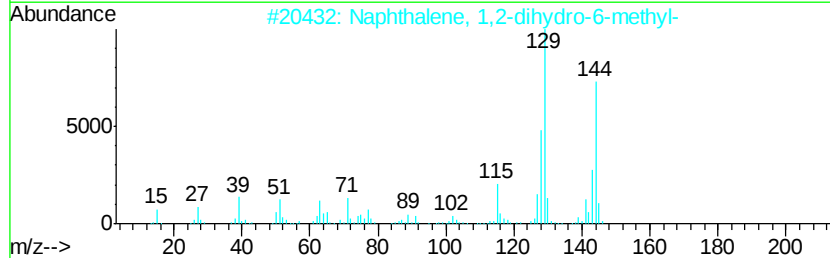
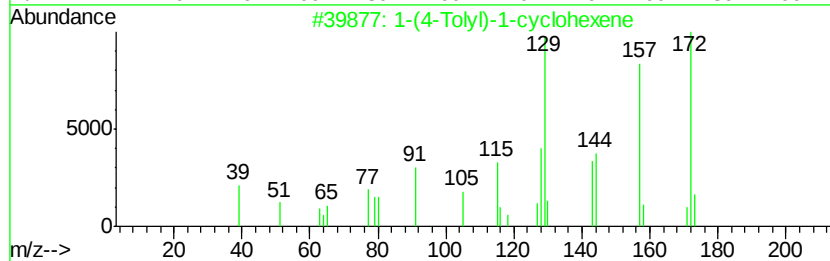
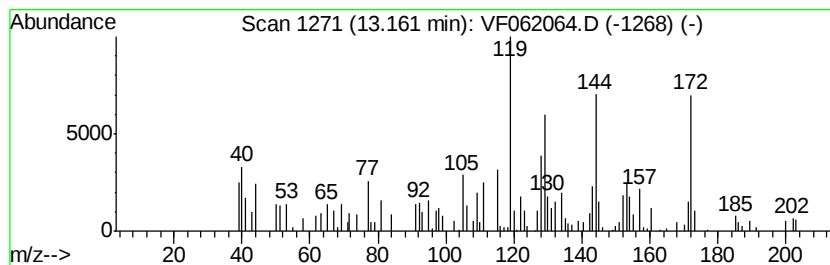
Instrument :
MSVOA_F
ClientSampleId :
SP-1-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown13.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	5.42 ug/l	83529	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-(4-Tolyl)-1-cyclohexene	172 C13H16	001821-23-4 27
2		Naphthalene, 1,2-dihydro-6-methyl-	144 C11H12	002717-47-7 27
3		1H-Indene, 1,1-dimethyl-	144 C11H12	018636-55-0 25
4		Benzene, 1-cyclopenten-1-yl-	144 C11H12	000825-54-7 25
5		1,1-Difluoro-tetramethylcyclopro...	134 C7H12F2	000823-25-6 20



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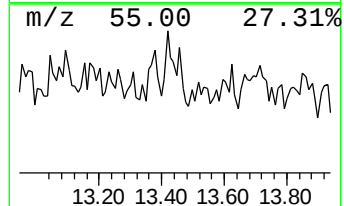
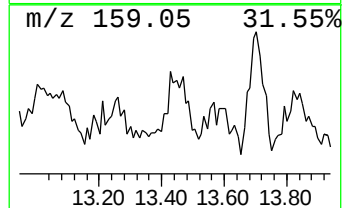
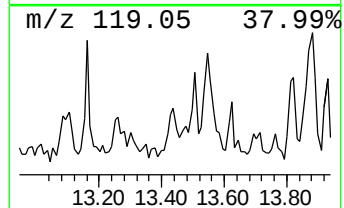
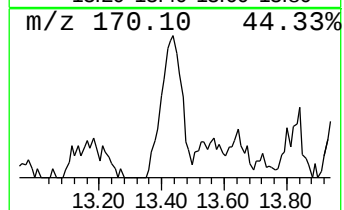
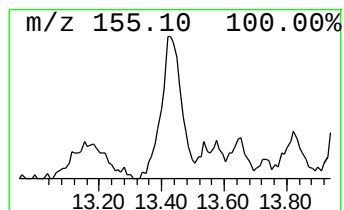
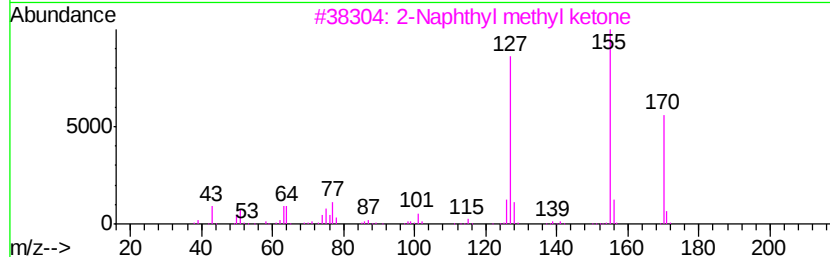
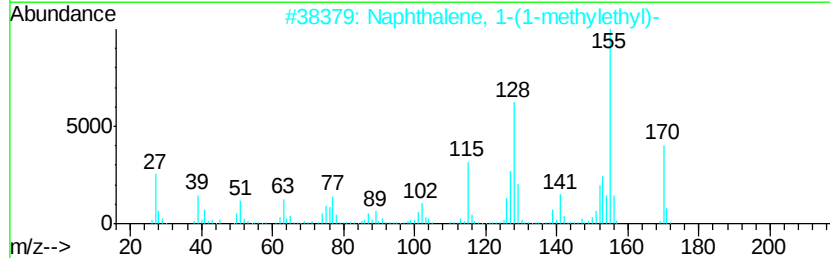
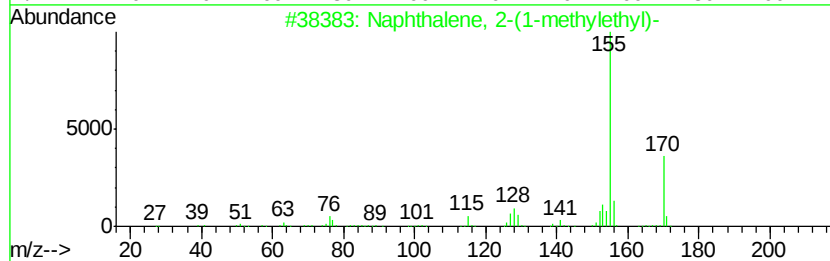
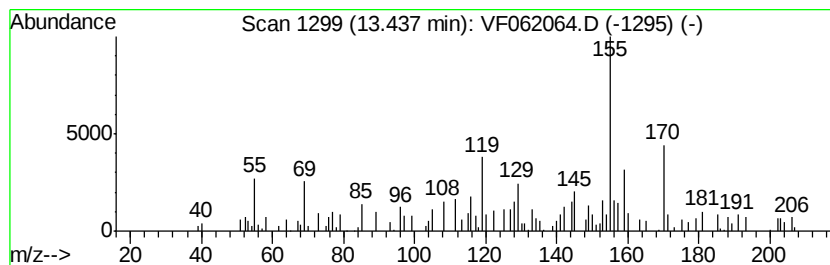
Instrument :
MSVOA_F
ClientSampleId :
SP-1-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2-(1-methyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	6.46 ug/l	99579	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 55
2		Naphthalene, 1-(1-methylethyl)-	170 C13H14	006158-45-8 50
3		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 49
4		Ethanone, 1-(1-Naphthalenyl)-	170 C12H10O	000941-98-0 49
5		2,5-Dimethoxythiophenol	170 C8H10O2S	001483-27-8 46



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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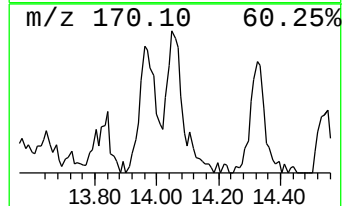
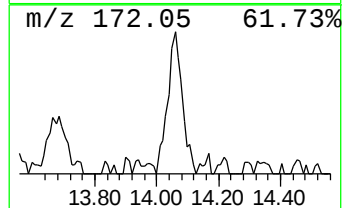
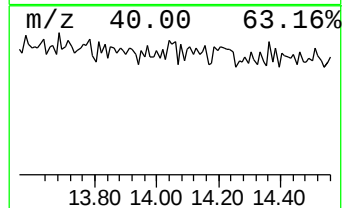
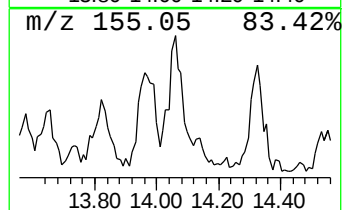
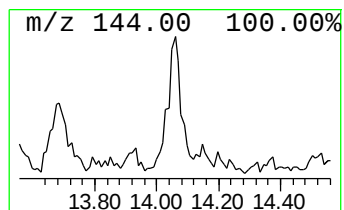
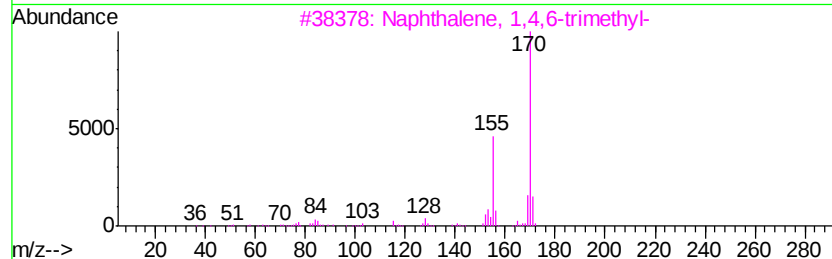
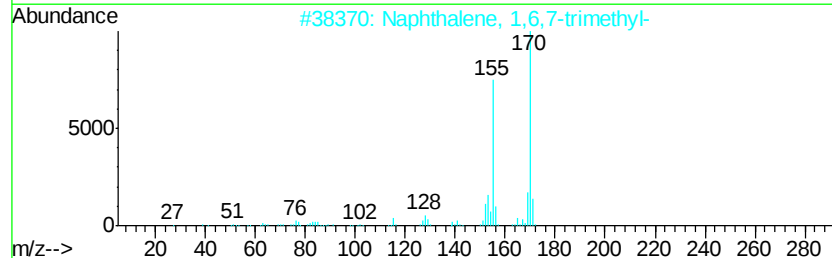
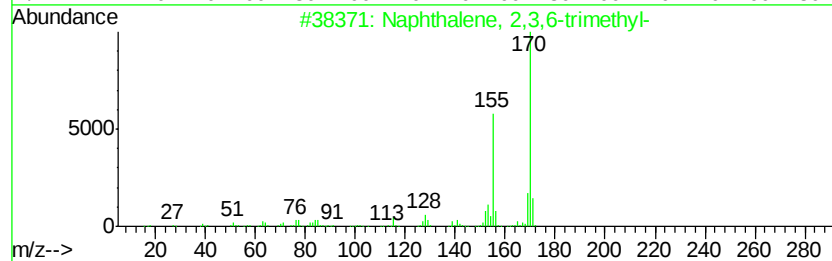
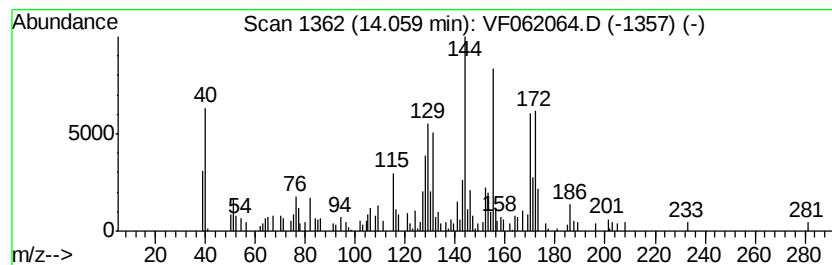
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Quant Title : SW846 8260

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

Peak Number 3 unknown14.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	5.44 ug/l	83926	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	42
4		2,5-Dimethyl-3-phenylfuran	172	C12H12O	019842-57-0	38
5		1-Naphthol, 6,7-dimethyl-	172	C12H12O	031776-14-4	38



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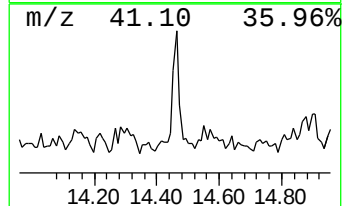
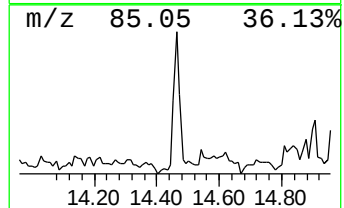
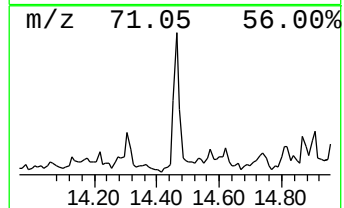
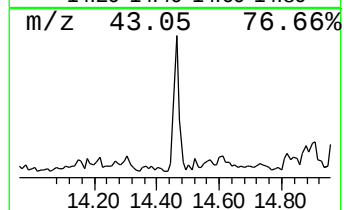
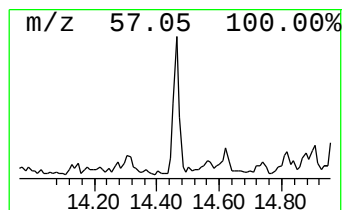
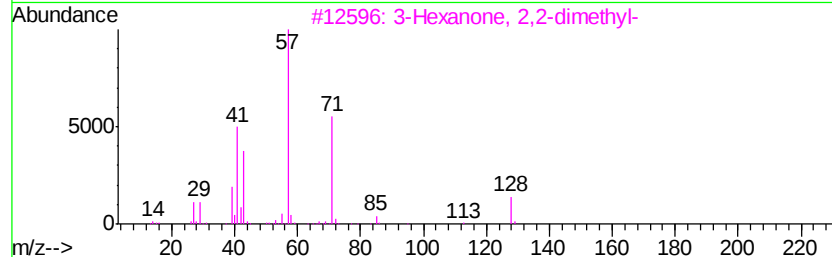
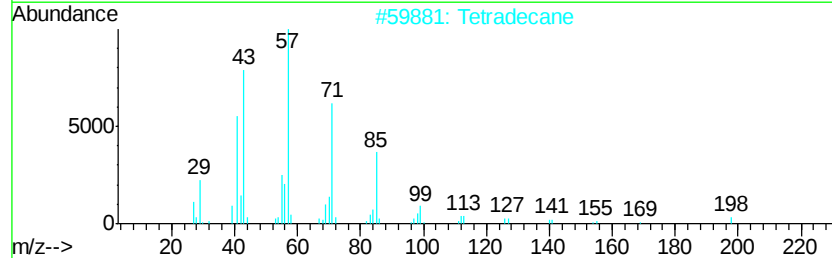
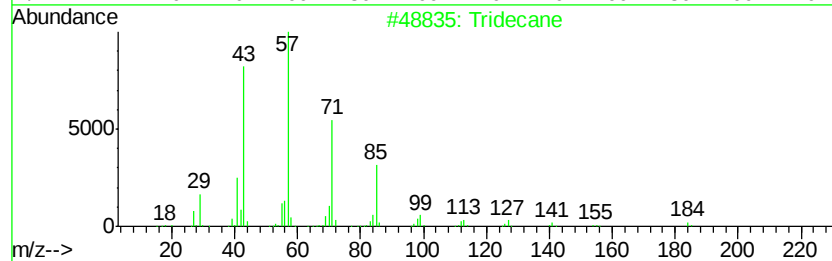
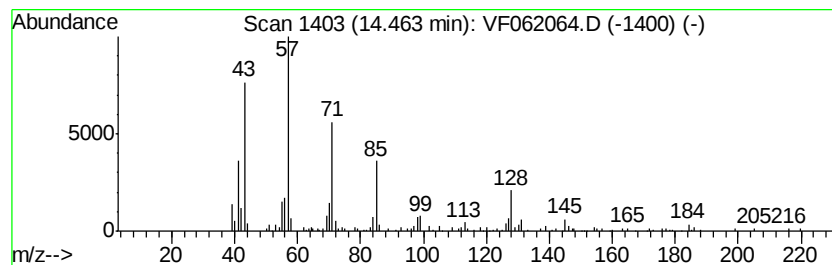
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	5.87 ug/l	90503	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	92
2	Tetradecane		198	C14H30	000629-59-4	58
3	3-Hexanone, 2,2-dimethyl-		128	C8H16O	005405-79-8	58
4	Hexadecane		226	C16H34	000544-76-3	52
5	Dodecane		170	C12H26	000112-40-3	52



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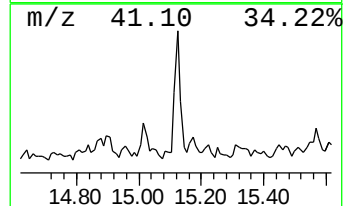
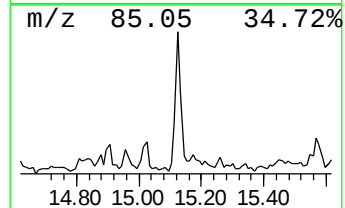
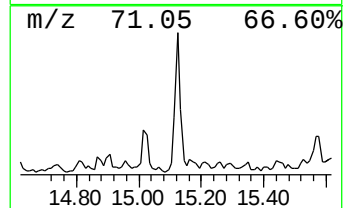
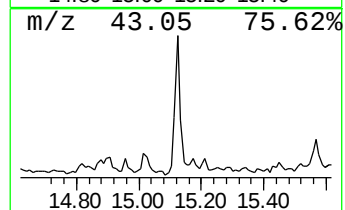
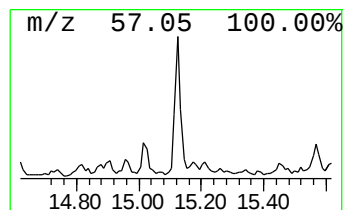
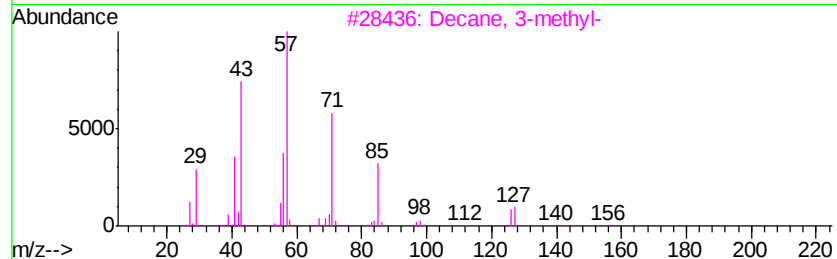
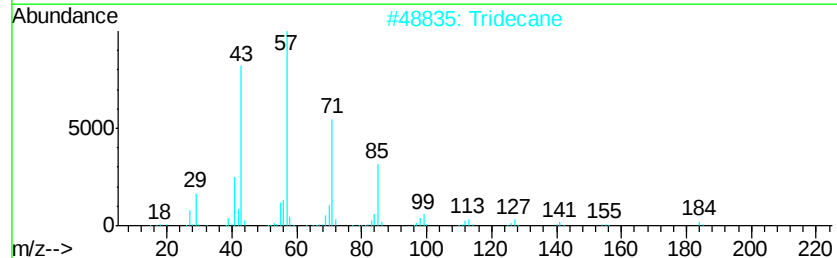
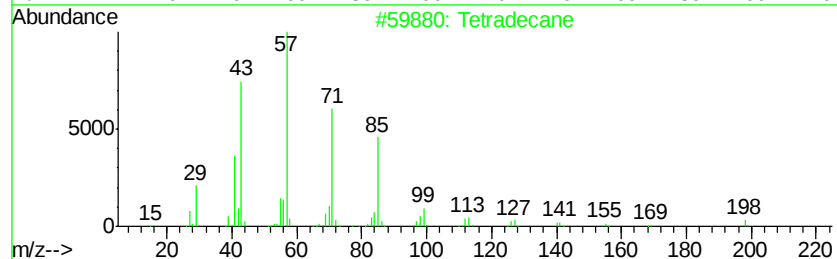
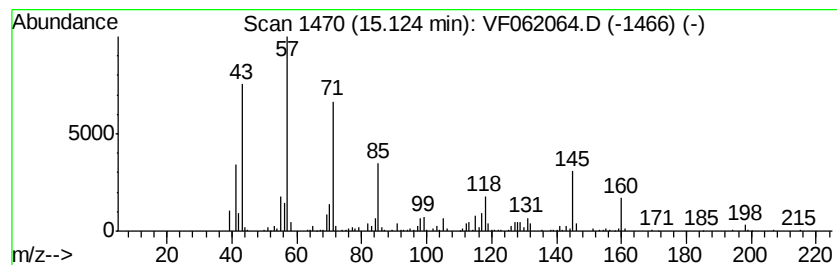
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Quant Title : SW846 8260

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

Peak Number 5 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	12.34 ug/l	190305	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane	184	C13H28	000629-50-5	49
3		Decane, 3-methyl-	156	C11H24	013151-34-3	46
4		Hexadecane	226	C16H34	000544-76-3	46
5		Dodecane	170	C12H26	000112-40-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062064.D
Acq On : 21 Mar 2019 16:54
Operator : VA/AP
Sample : K2018-01
Misc : 6.71q/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

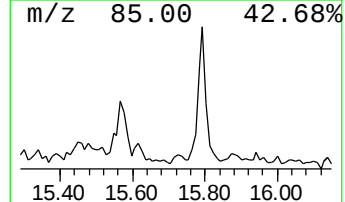
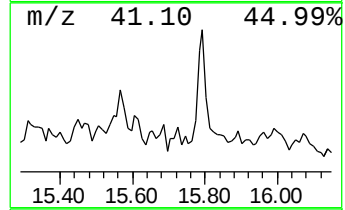
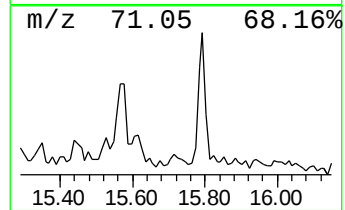
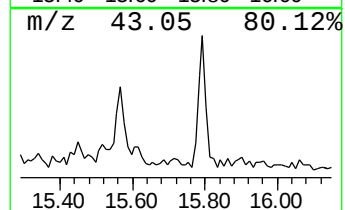
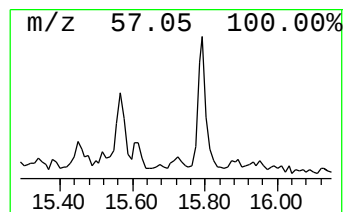
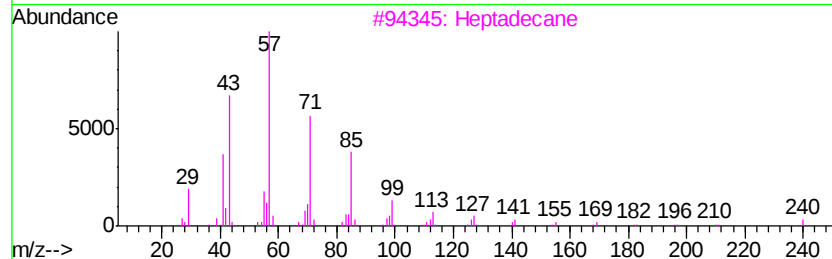
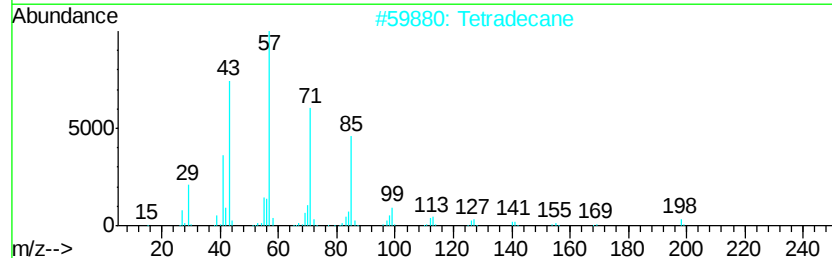
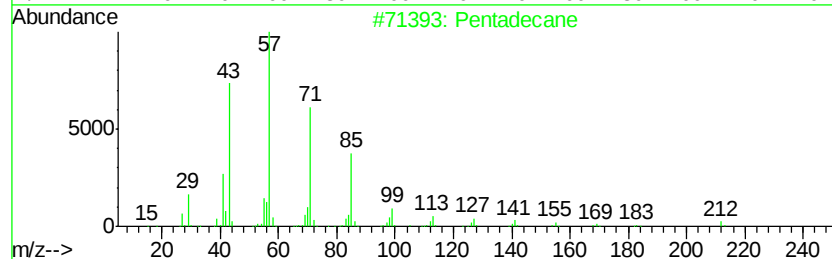
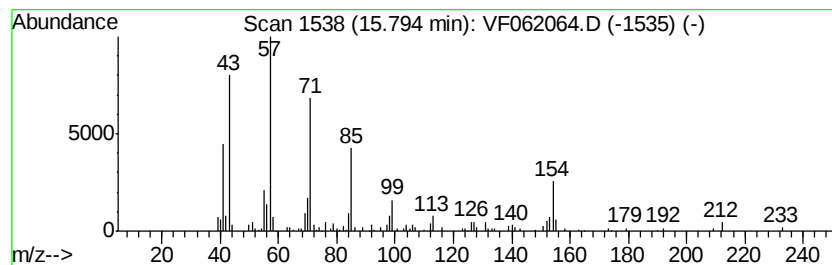
Instrument :
MSVOA_F
ClientSampleId :
SP-1-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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

Peak Number 6 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	5.97 ug/l	92058	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	93
2	Tetradecane	198 C14H30	000629-59-4	74
3	Heptadecane	240 C17H36	000629-78-7	64
4	Heptacosane	380 C27H56	000593-49-7	64
5	Dodecane	170 C12H26	000112-40-3	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
Data File : VF062064.D
Acq On : 21 Mar 2019 16:54
Operator : VA/AP
Sample : K2018-01
Misc : 6.71g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SP-1-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.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
unknown13.16	13.16	5.4	ug/l	83529	4	12.56	771193	50.0
Naphthalene, 2-(1...	13.44	6.5	ug/l	99579	4	12.56	771193	50.0
unknown14.06	14.06	5.4	ug/l	83926	4	12.56	771193	50.0
Tridecane	14.46	5.9	ug/l	90503	4	12.56	771193	50.0
Tetradecane	15.12	12.3	ug/l	190305	4	12.56	771193	50.0
Pentadecane	15.79	6.0	ug/l	92058	4	12.56	771193	50.0