

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081718\
 Data File : VF059994.D
 Acq On : 18 Aug 2018 1:51
 Operator : VA/AP
 Sample : J4511-03
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RA-081418-ESW-15NSC-025

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\82F081718S.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	1.087	53	56	59	rBV2	11002	16780	2.18%	0.342%
2	1.363	78	84	89	rBV4	6085	21460	2.79%	0.438%
3	2.280	173	177	181	rBV	16153	31960	4.15%	0.652%
4	2.349	181	184	187	rVB4	4399	10233	1.33%	0.209%
5	3.078	255	258	260	rBV	8765	9003	1.17%	0.184%
6	4.202	366	372	376	rBV	18295	61045	7.93%	1.245%
7	4.301	376	382	394	rVB2	117003	364989	47.39%	7.441%
8	5.050	449	458	473	rBV2	224197	770238	100.00%	15.704%
9	5.779	526	532	543	rBV	160151	432080	56.10%	8.809%
10	7.721	722	729	737	rBV	197210	450388	58.47%	9.182%
11	9.929	947	953	963	rBV	205898	460841	59.83%	9.396%
12	11.388	1096	1101	1104	rVB4	3593	8446	1.10%	0.172%
13	11.516	1110	1114	1122	rBV	226264	388536	50.44%	7.921%
14	11.654	1125	1128	1132	rVB3	11155	18719	2.43%	0.382%
15	12.038	1163	1167	1169	rBV4	4612	9234	1.20%	0.188%
16	12.088	1169	1172	1177	rVB2	17746	33380	4.33%	0.681%
17	12.295	1184	1193	1196	rBV3	28621	70656	9.17%	1.441%
18	12.374	1198	1201	1203	rVB3	10645	16280	2.11%	0.332%
19	12.413	1203	1205	1207	rBV2	5291	8369	1.09%	0.171%
20	12.581	1219	1222	1224	rBV4	5615	8416	1.09%	0.172%
21	12.640	1224	1228	1231	rBV	282869	418593	54.35%	8.534%
22	12.689	1231	1233	1237	rVV2	30070	44819	5.82%	0.914%
23	12.857	1245	1250	1253	rBV5	17983	45580	5.92%	0.929%
24	12.916	1253	1256	1261	rVB5	25204	63284	8.22%	1.290%
25	13.014	1263	1266	1272	rBV6	15092	38541	5.00%	0.786%
26	13.083	1272	1273	1278	rVB4	9138	13627	1.77%	0.278%
27	13.192	1278	1284	1286	rBV3	15932	36591	4.75%	0.746%
28	13.231	1286	1288	1290	rBV	20291	27010	3.51%	0.551%
29	13.280	1290	1293	1296	rBV3	23306	41869	5.44%	0.854%
30	13.330	1296	1298	1300	rVV3	10581	14458	1.88%	0.295%
31	13.379	1300	1303	1308	rVB5	16000	41540	5.39%	0.847%
32	13.458	1308	1311	1314	rBV2	35193	47462	6.16%	0.968%
33	13.566	1321	1322	1324	rBV	8090	10282	1.33%	0.210%
34	13.616	1324	1327	1329	rBV2	20059	27659	3.59%	0.564%

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Integration Parameters: RTEINT.P

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Sampling : 1
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	13.655	1329	1331	1333	rVB3	10823	12253	1.59%	0.250%
36	13.783	1341	1344	1347	rBV3	21927	44076	5.72%	0.899%
37	13.882	1351	1354	1356	rBV3	10863	12130	1.57%	0.247%
38	13.931	1356	1359	1363	rBV3	40767	102280	13.28%	2.085%
39	13.990	1363	1365	1367	rVB3	15231	20010	2.60%	0.408%
40	14.039	1367	1370	1373	rBV4	5911	11099	1.44%	0.226%
41	14.118	1375	1378	1380	rBV4	10940	22574	2.93%	0.460%
42	14.227	1385	1389	1393	rBV5	31513	63506	8.24%	1.295%
43	14.296	1393	1396	1401	rVB4	32499	72084	9.36%	1.470%
44	14.384	1401	1405	1406	rBV3	13193	29307	3.80%	0.598%
45	14.493	1414	1416	1418	rBV3	11879	20386	2.65%	0.416%
46	14.552	1420	1422	1427	rVV3	41422	96649	12.55%	1.970%
47	14.660	1431	1433	1436	rVB3	21199	32609	4.23%	0.665%
48	14.808	1446	1448	1450	rVB2	25026	33429	4.34%	0.682%
49	14.936	1455	1461	1463	rBV4	23871	65728	8.53%	1.340%
50	15.065	1471	1474	1477	rBV4	24989	40246	5.23%	0.821%
51	15.183	1483	1486	1488	rBV4	16509	26677	3.46%	0.544%
52	15.242	1488	1492	1499	rVB8	18925	50783	6.59%	1.035%
53	15.341	1499	1502	1506	rBV6	10887	22936	2.98%	0.468%
54	15.400	1506	1508	1509	rBV2	6700	10759	1.40%	0.219%
55	15.636	1530	1532	1537	rVB5	7551	11641	1.51%	0.237%
56	15.715	1537	1540	1546	rVB5	10429	21971	2.85%	0.448%
57	15.902	1556	1559	1562	rBV4	9401	19369	2.51%	0.395%

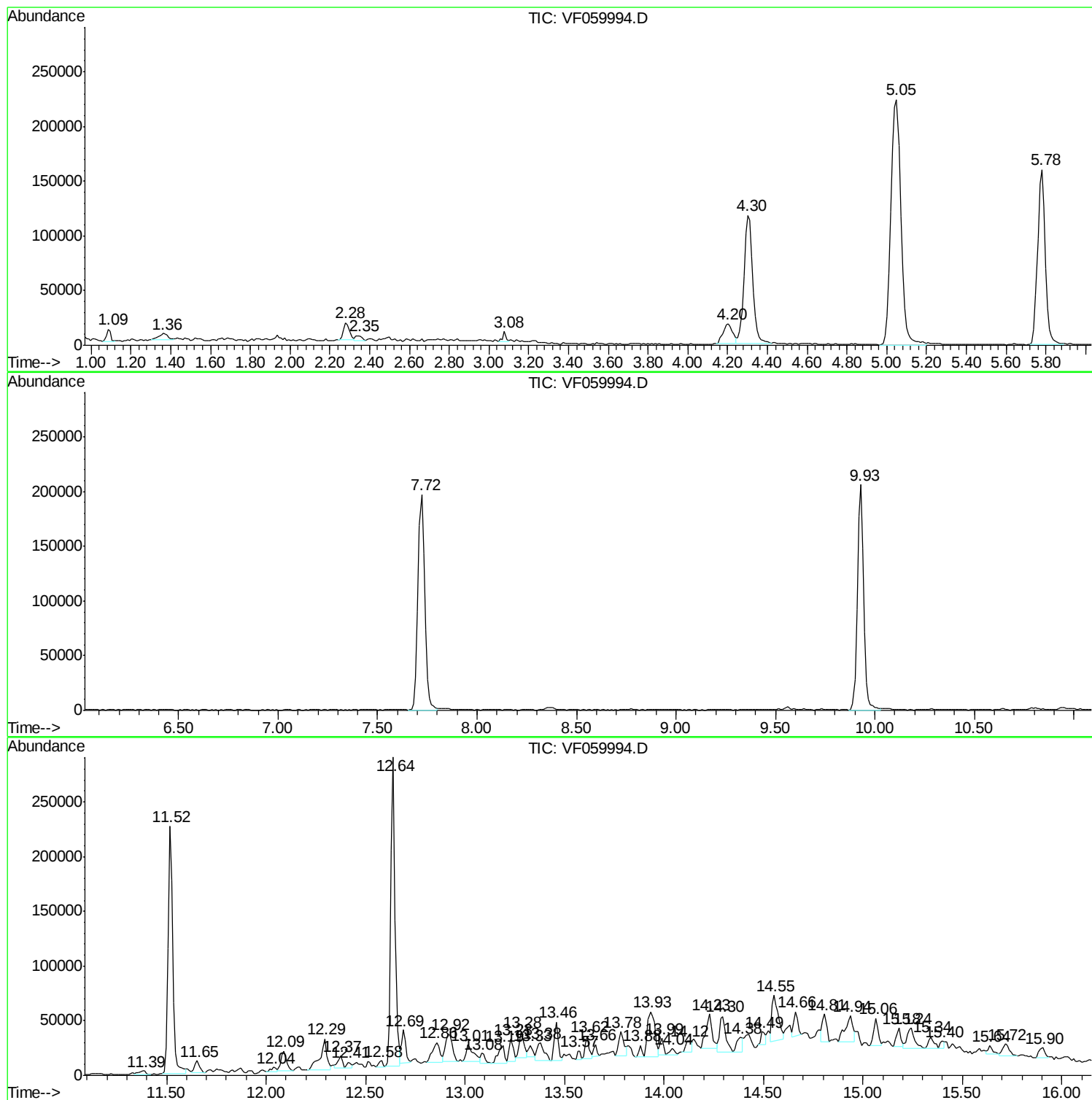
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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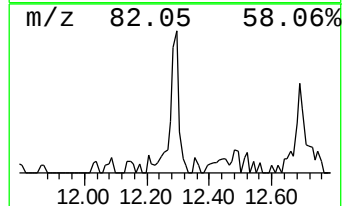
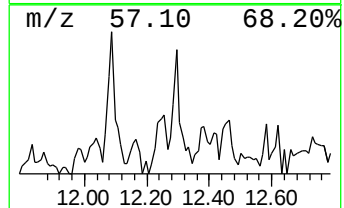
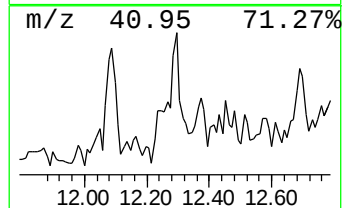
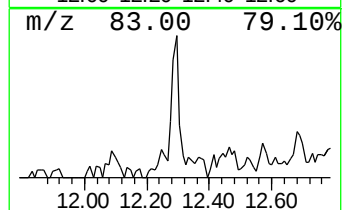
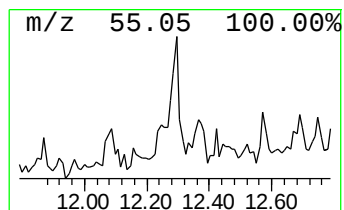
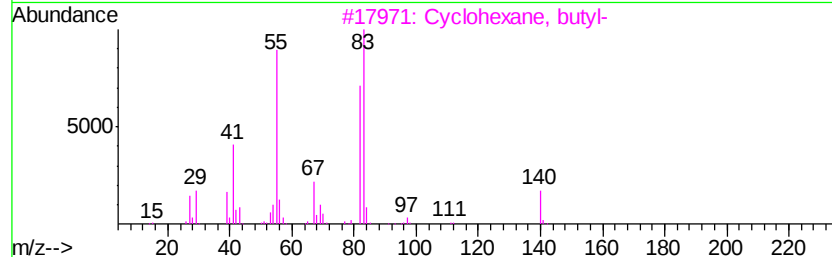
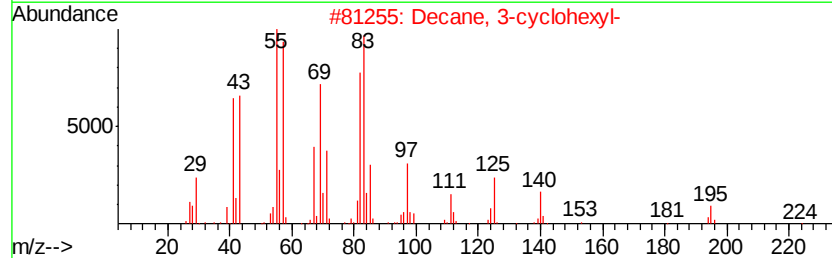
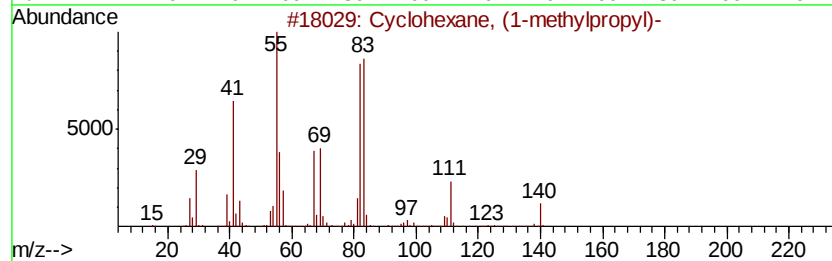
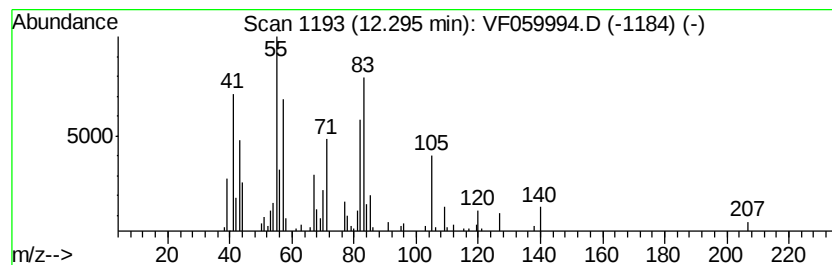
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, (1-methylpropyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	8.44 ug/l	70656	1,4-Dichlorobenzene-d4	12.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, (1-methylpropyl)-	140 C10H20	007058-01-7 55
2		Decane, 3-cyclohexyl-	224 C16H32	013151-74-1 53
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 46
4		Cyclohexane, 2-propenyl-	124 C9H16	002114-42-3 38
5		Cyclohexane, ethyl-	112 C8H16	001678-91-7 38



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ALS Vial : 50 Sample Multiplier: 1

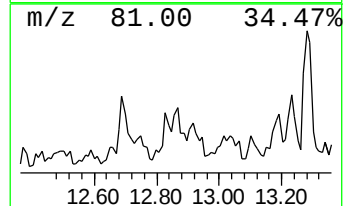
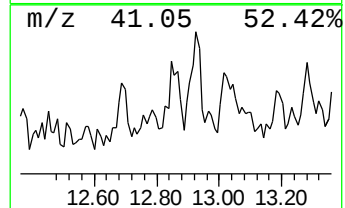
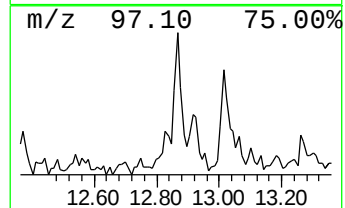
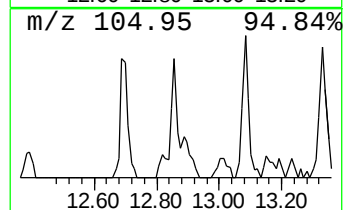
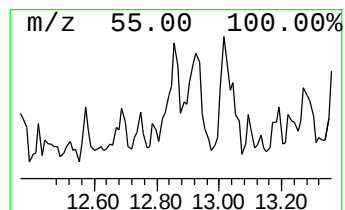
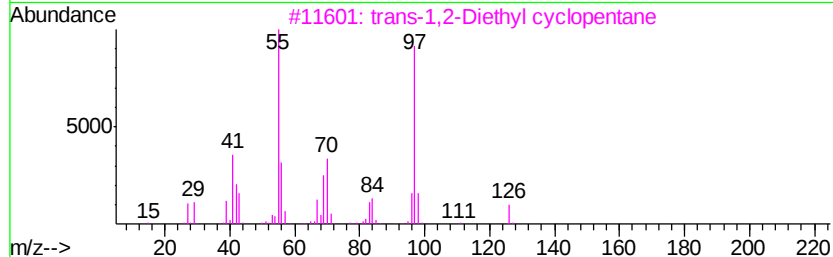
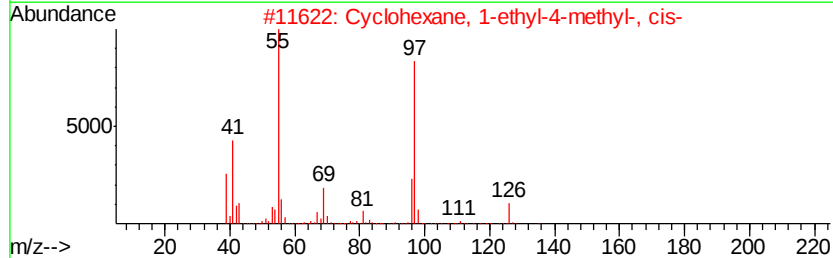
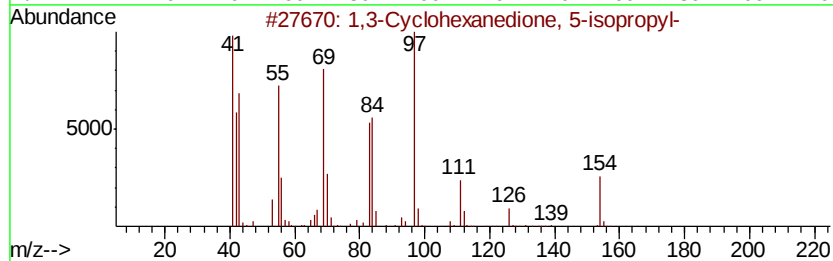
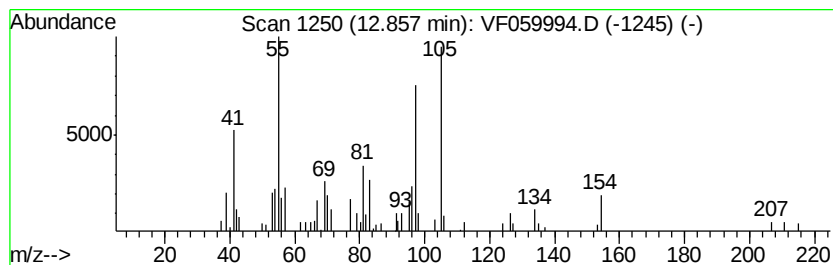
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260

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

Peak Number 2 1,3-Cyclohexanedione, 5-iso... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	5.44 ug/l	45580	1,4-Dichlorobenzene-d4	12.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3-Cyclohexanedione, 5-isopropyl-	154 C9H14O2	018456-87-6	70
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7	49
3	trans-1,2-Diethyl cyclopentane	126 C9H18	000932-40-1	47
4	Cyclohexane, 1-ethyl-2-methyl-	126 C9H18	003728-54-9	46
5	Sulfurous acid, cyclohexylmethyl...	206 C9H18O3S	1000309-21-2	43



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Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

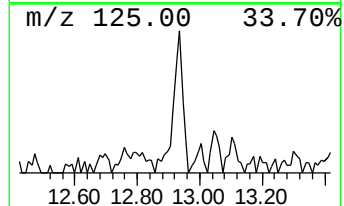
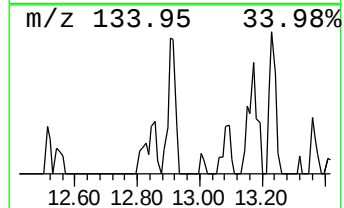
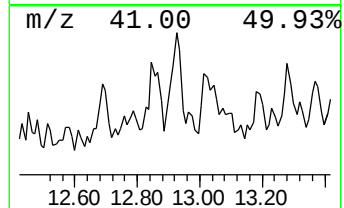
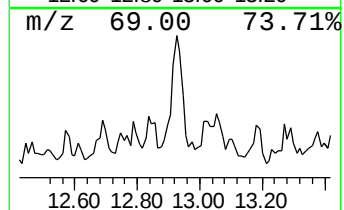
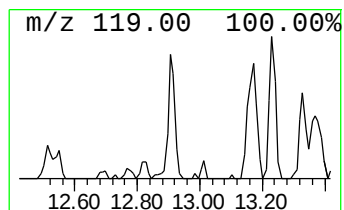
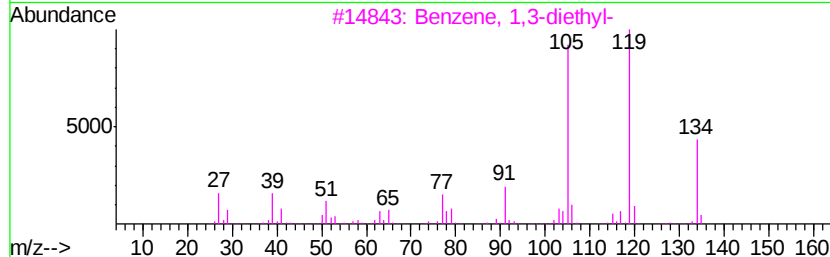
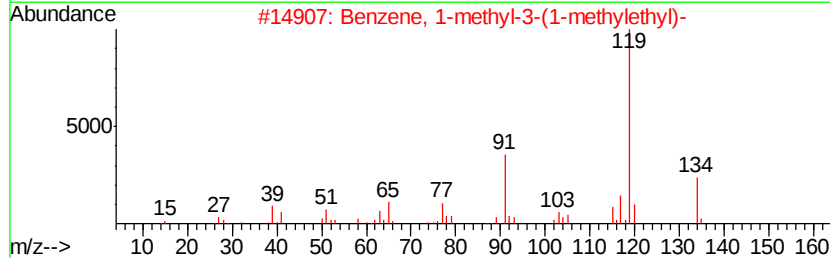
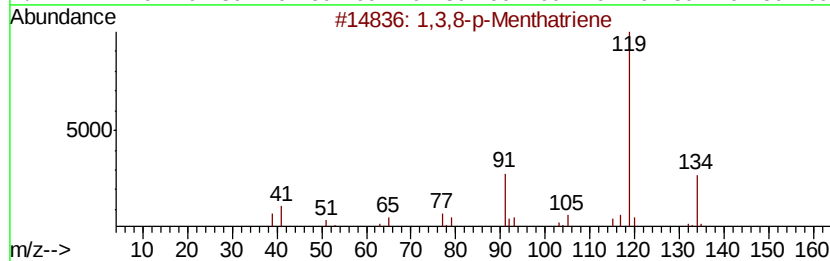
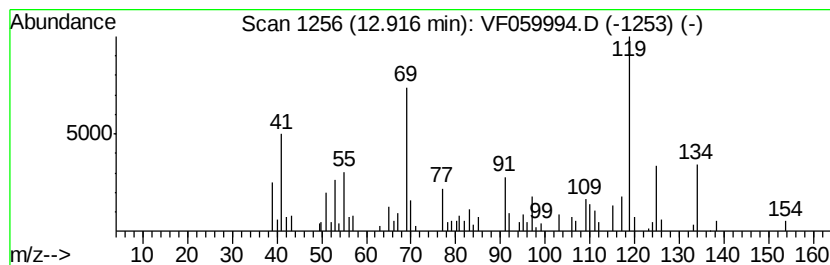
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.92 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.92	7.56 ug/l	63284	1,4-Dichlorobenzene-d4	12.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	38
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	30
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	30



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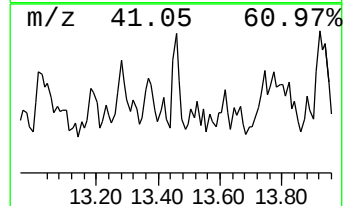
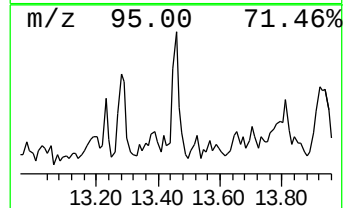
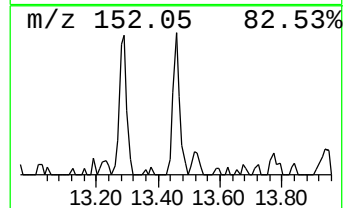
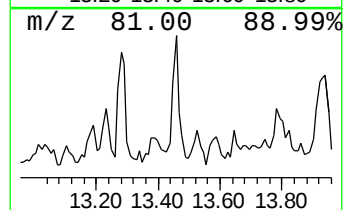
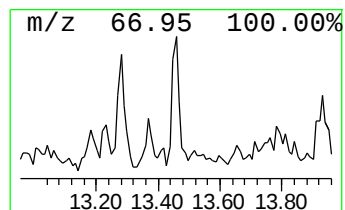
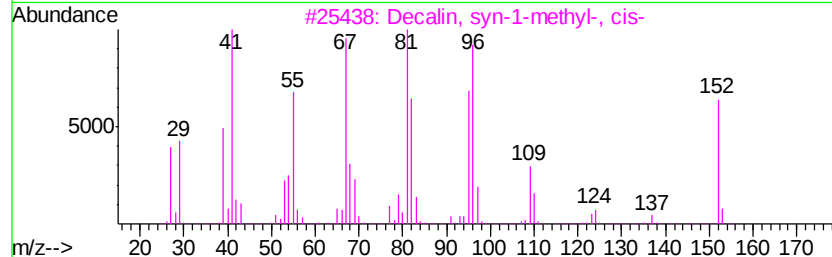
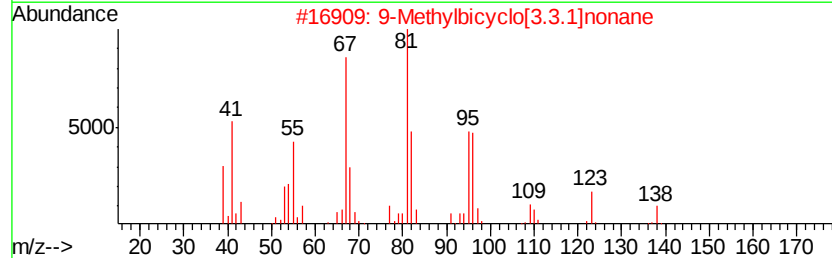
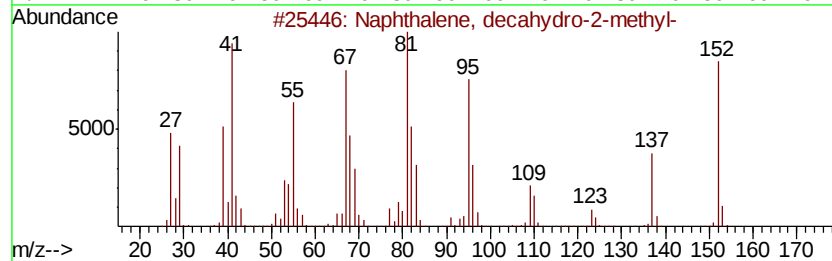
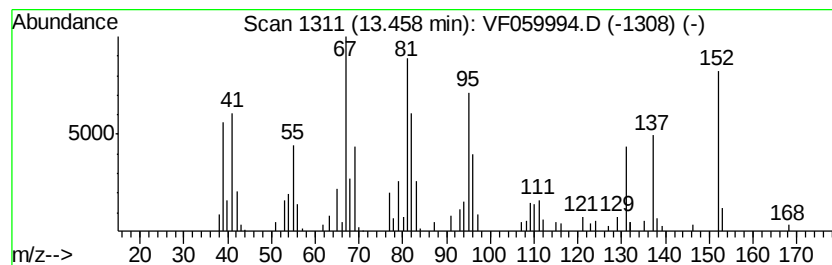
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	5.67 ug/l	47462	1,4-Dichlorobenzene-d4	12.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 90
2		9-Methylbicyclo[3.3.1]nonane	138 C10H18	025107-01-1 78
3		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 70
4		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 70
5		Spiro[5.5]undecane	152 C11H20	000180-43-8 64



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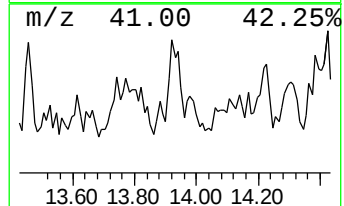
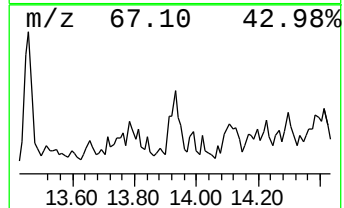
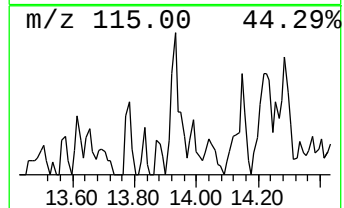
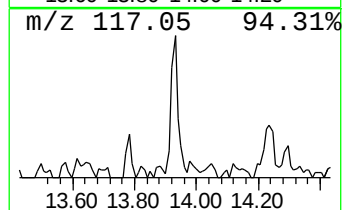
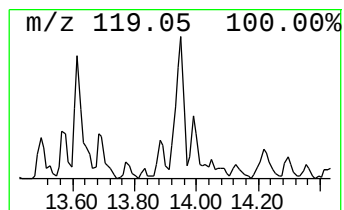
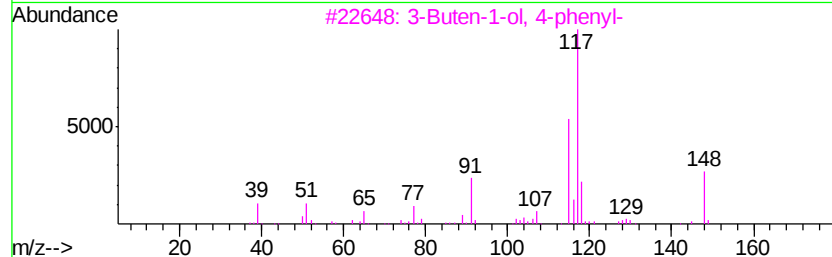
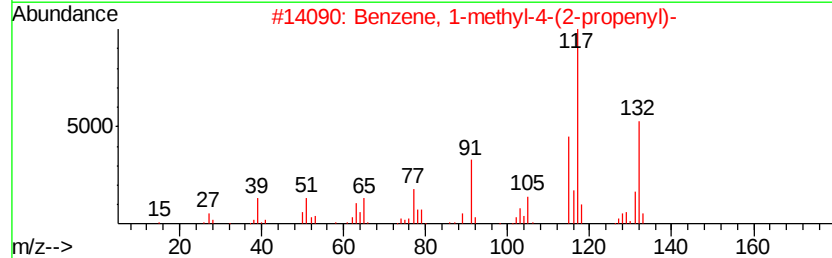
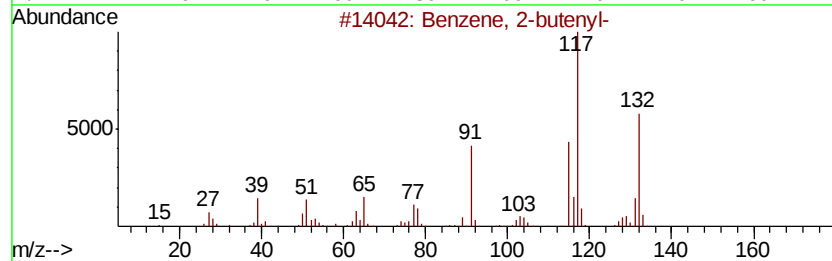
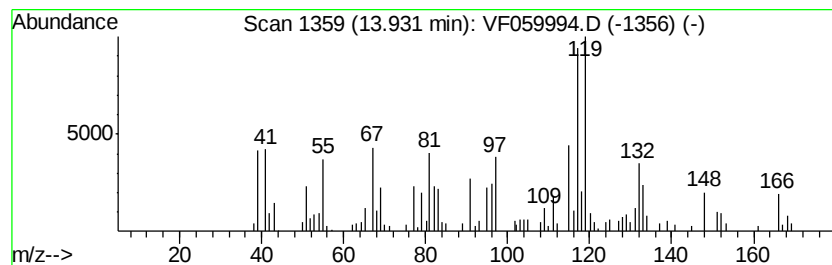
Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown13.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.93	12.22 ug/l	102280	1,4-Dichlorobenzene-d4	12.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
3	3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	38
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	25
5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081718\
Data File : VF059994.D
Acq On : 18 Aug 2018 1:51
Operator : VA/AP
Sample : J4511-03
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

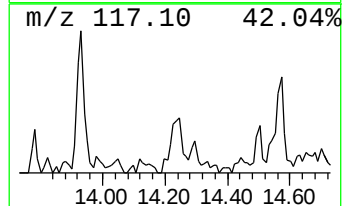
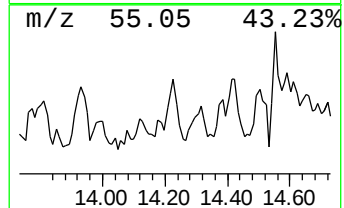
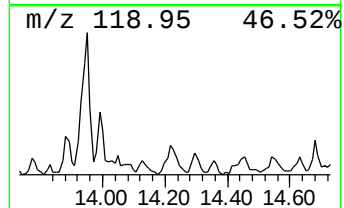
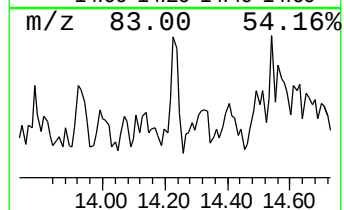
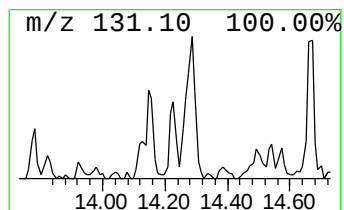
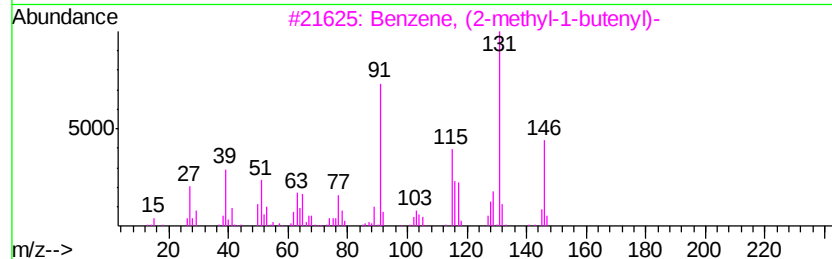
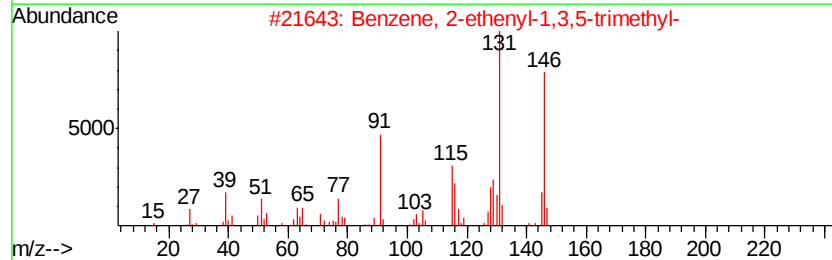
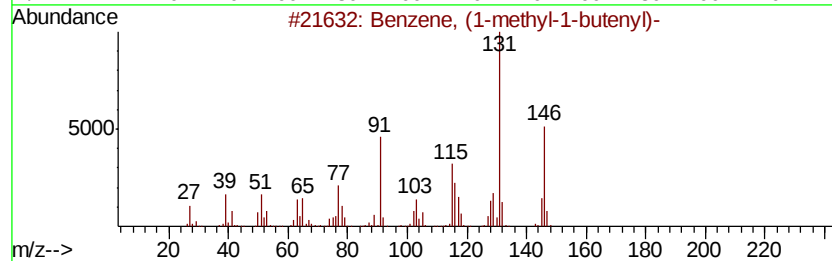
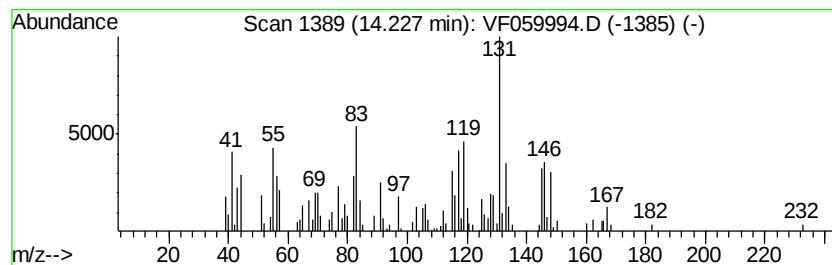
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	7.59 ug/l	63506	1,4-Dichlorobenzene-d4	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	52
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
4		Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	42
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081718\
Data File : VF059994.D
Acq On : 18 Aug 2018 1:51
Operator : VA/AP
Sample : J4511-03
Misc : 5.00µl/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

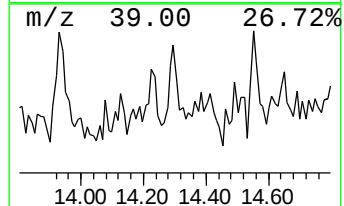
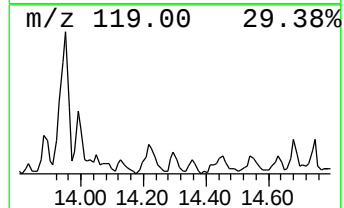
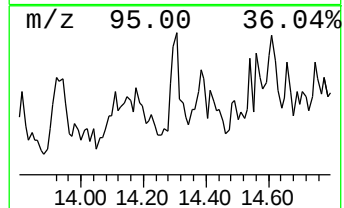
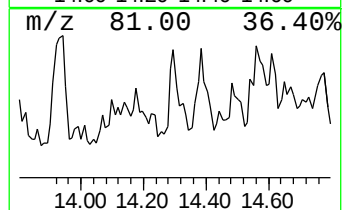
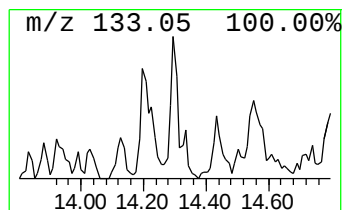
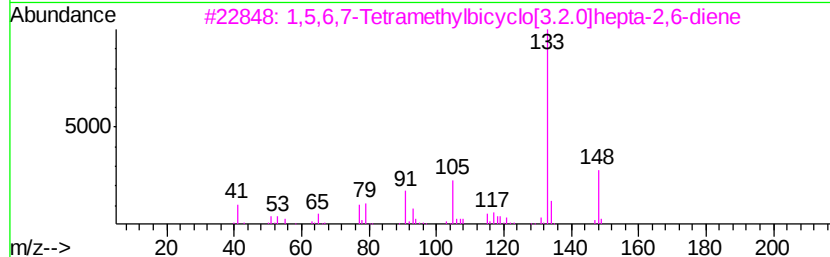
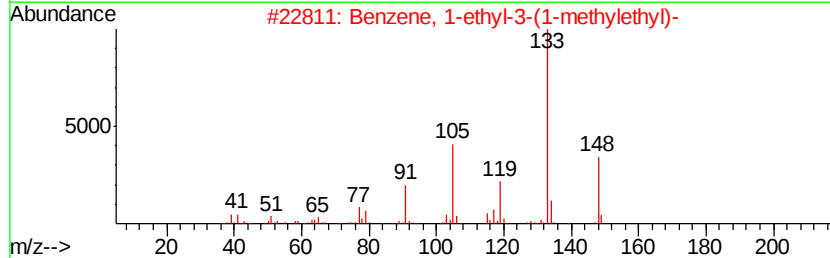
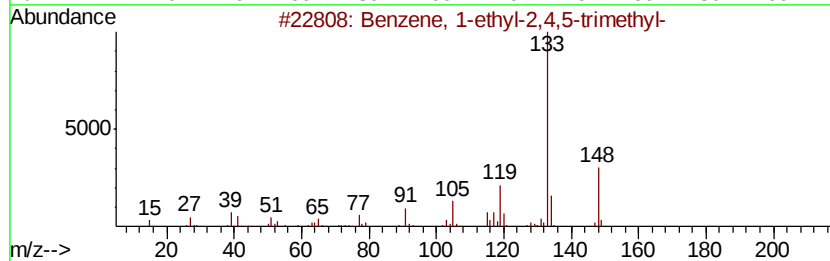
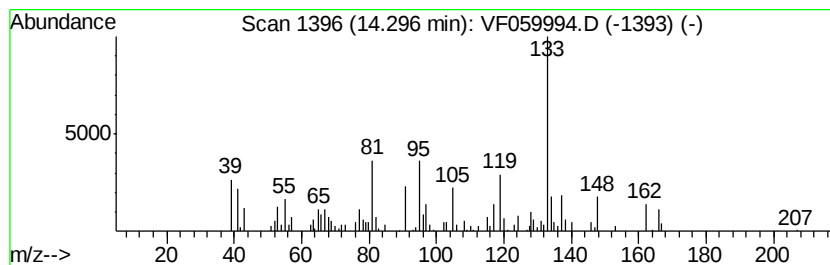
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	8.61 ug/l	72084	1,4-Dichlorobenzene-d4	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
3		1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	47
4		Benzene, 1-(1,1-dimethylethyl)-3-	148	C11H16	001075-38-3	43
5		Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081718\
Data File : VF059994.D
Acq On : 18 Aug 2018 1:51
Operator : VA/AP
Sample : J4511-03
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

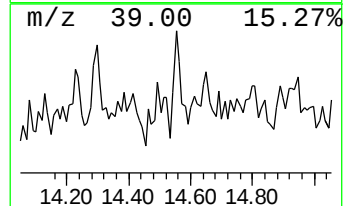
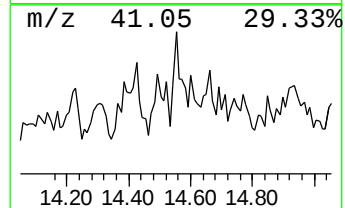
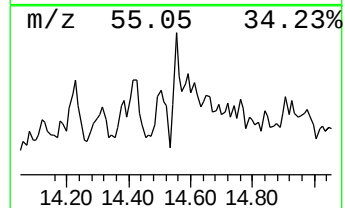
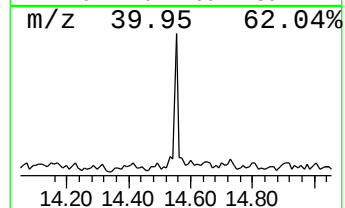
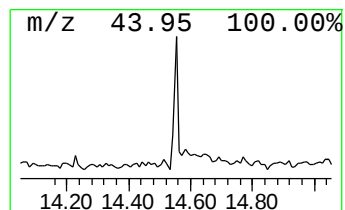
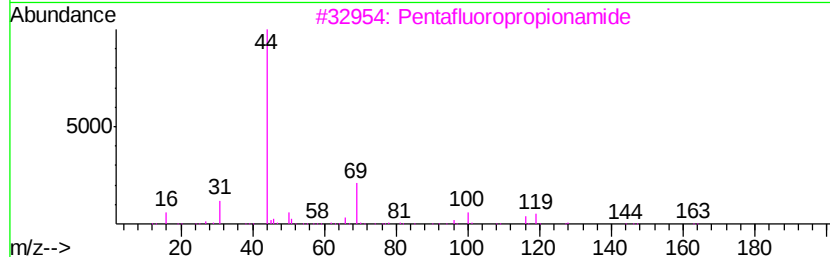
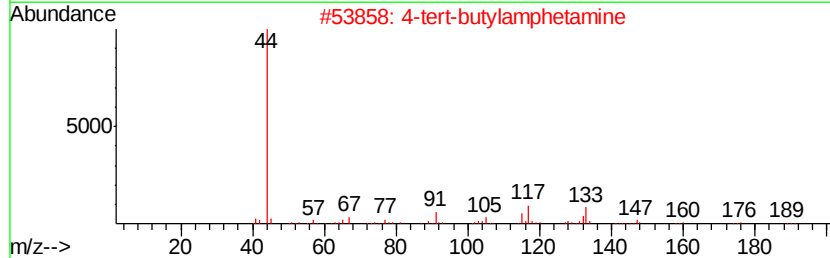
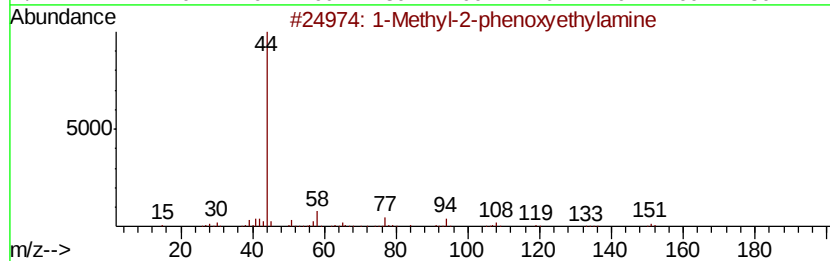
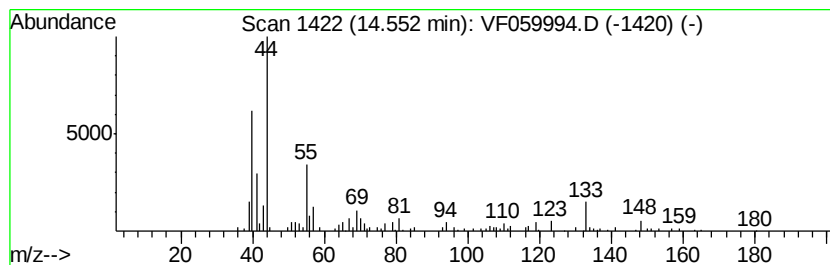
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	11.54 ug/l	96649	1,4-Dichlorobenzene-d4	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyl-2-phenoxyethylamine	151	C9H13NO	035205-54-0	47
2		4-tert-butylamphetamine	191	C13H21N	1000379-04-1	33
3		Pentafluoropropionamide	163	C3H2F5NO	000354-76-7	28
4		Propanamide, 3-(3,4-dimethylphen...	241	C11H15NO3S	1000262-80-6	25
5		Norpseudoephedrine	151	C9H13NO	036393-56-3	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081718\
Data File : VF059994.D
Acq On : 18 Aug 2018 1:51
Operator : VA/AP
Sample : J4511-03
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

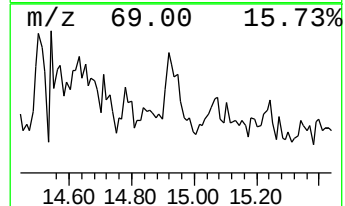
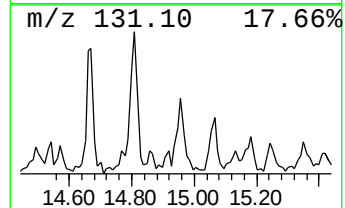
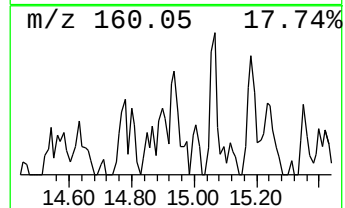
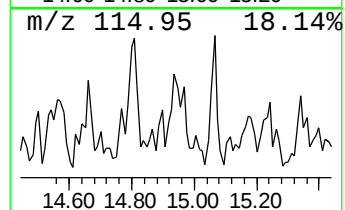
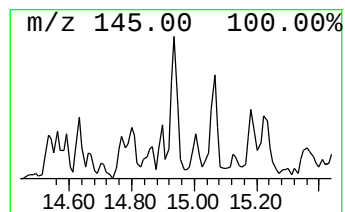
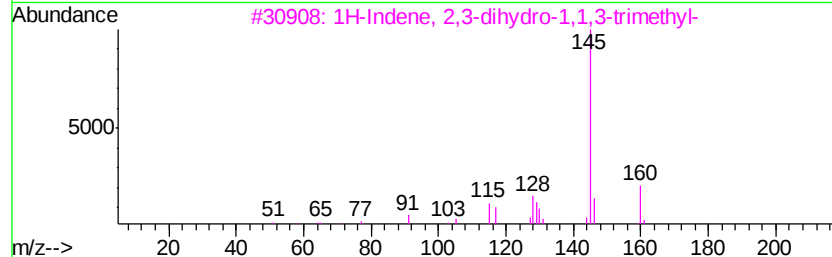
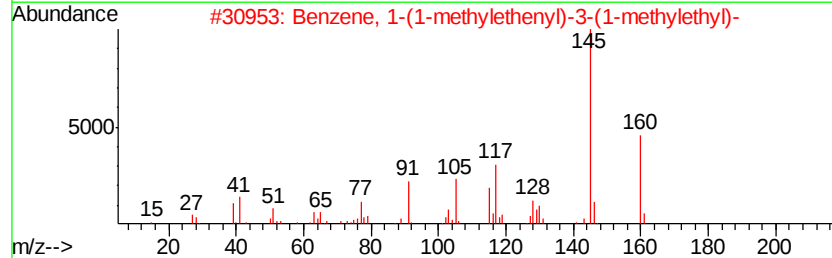
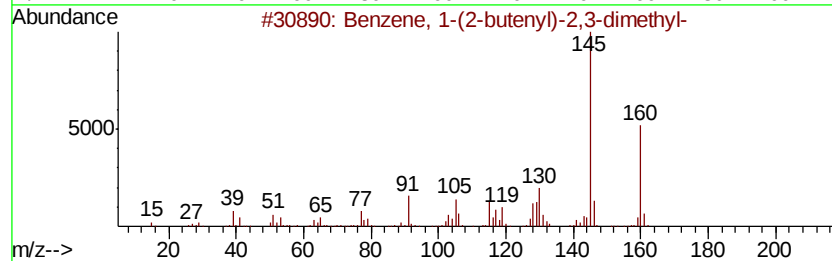
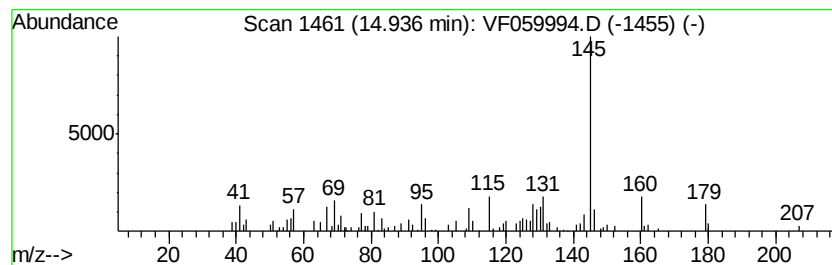
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	7.85 ug/l	65728	1,4-Dichlorobenzene-d4	12.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	76
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081718\
Data File : VF059994.D
Acq On : 18 Aug 2018 1:51
Operator : VA/AP
Sample : J4511-03
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

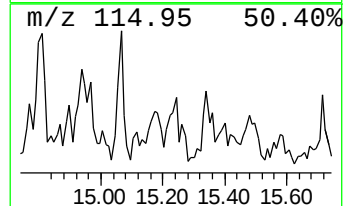
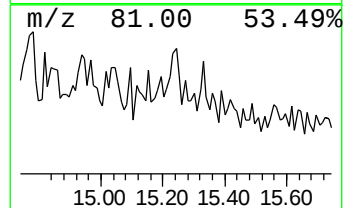
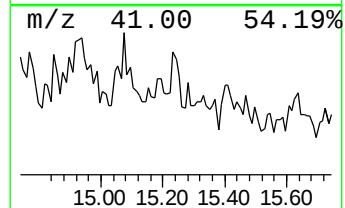
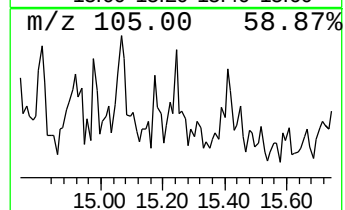
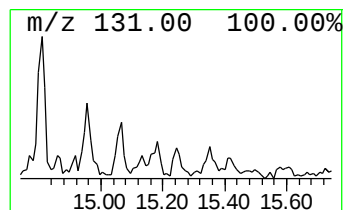
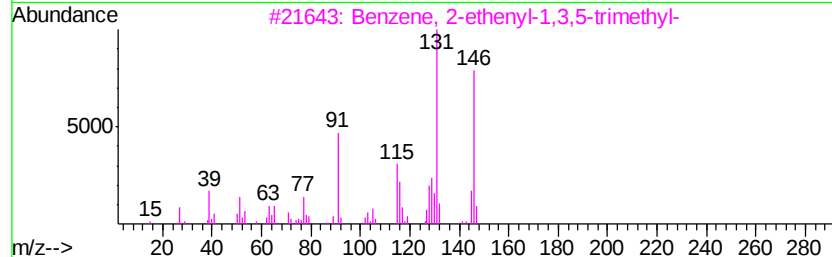
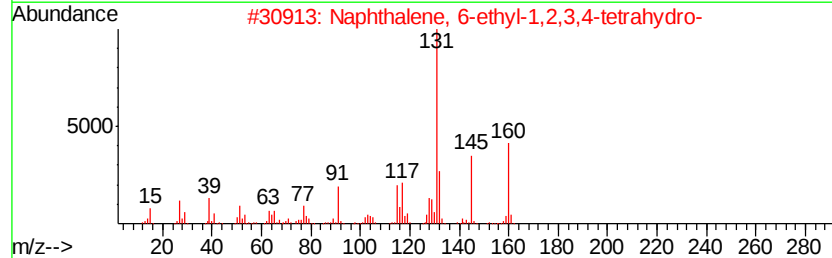
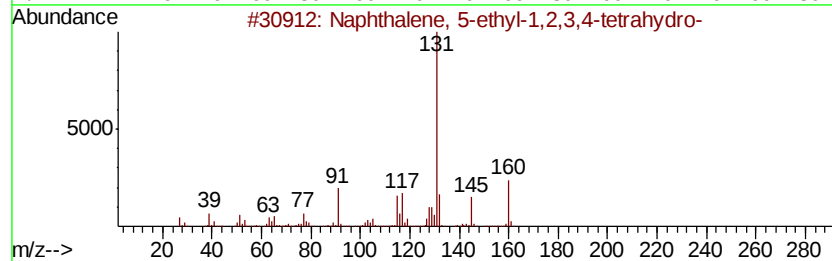
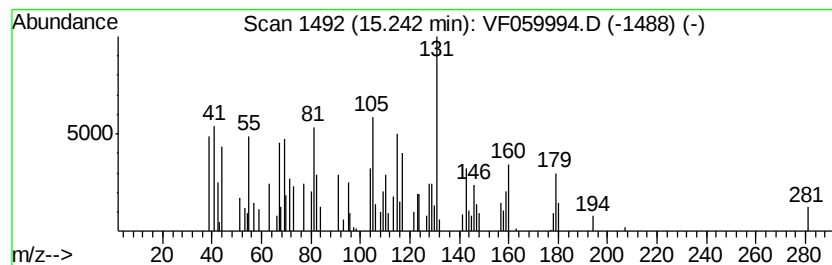
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	6.07 ug/l	50783	1,4-Dichlorobenzene-d4	12.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	47
2		Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	47
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
4		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	43
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\
Data File : VF059994.D
Acq On : 18 Aug 2018 1:51
Operator : VA/AP
Sample : J4511-03
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RA-081418-ESW-15NSC-025

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.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
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1,3-Cyclohexanedi...	12.86	5.4	ug/l	45580	4	12.64	418593	50.0
unknown12.92	12.92	7.6	ug/l	63284	4	12.64	418593	50.0
Naphthalene, deca...	13.46	5.7	ug/l	47462	4	12.64	418593	50.0
unknown13.93	13.93	12.2	ug/l	102280	4	12.64	418593	50.0
Benzene, (1-methy...	14.23	7.6	ug/l	63506	4	12.64	418593	50.0
Benzene, 1-ethyl-...	14.30	8.6	ug/l	72084	4	12.64	418593	50.0
unknown14.55	14.55	11.5	ug/l	96649	4	12.64	418593	50.0
Benzene, 1-(2-but...	14.94	7.8	ug/l	65728	4	12.64	418593	50.0
unknown15.24	15.24	6.1	ug/l	50783	4	12.64	418593	50.0