LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062180.D
Acq On : 16 Apr 2019 17:15
Operator : FY/SY
Sample : K2345-04
Misc : 7.62g/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.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	1.157	57	63	64	rBV6	14821	40557	6.00%	0.647%
2	1.453	90	93	101	rVB	22789	55745	8.25%	0.889%
3	2.291	174	178	180	rBV4	44895	106870	15.82%	1.704%
4	2.340	180	183	189	rVV2	54130	155562	23.03%	2.481%
5	2.458	192	195	202	rVB	32721	77441	11.47%	1.235%
6	2.586	206	208	211	rVB	9365	7254	1.07%	0.116%
7	3.059	254	256	258	rBV2	9051	17665	2.62%	0.282%
8	3.099	258	260	267	rVB	27383	54737	8.10%	0.873%
9	3.907	341	342	346	rBV4	3271	6998	1.04%	0.112%
10	4.213	366	373	377	rBV	21256	71165	10.54%	1.135%
11	4.311	377	383	393	rVB	159095	470583	69.67%	7.505%
12	4.676	416	420	421	rBV4	3842	9202	1.36%	0.147%
13	4.814	430	434	441	rBV4	9719	30077	4.45%	0.480%
14	5.041	451	457	465	rBV2	192720	665567	98.54%	10.615%
15	5.248	476	478	482	rBV5	3722	6805	1.01%	0.109%
16	5.593	510	513	516	rBV5	2788	7278	1.08%	0.116%
17	5.780	526	532	544	rBV	202023	560078	82.93%	8.932%
18	7.121	664	668	669	rBV3	3549	7306	1.08%	0.117%
19	7.416	696	698	703	rBV6	4566	10611	1.57%	0.169%
20	7.554	710	712	719	rVB7	3859	10766	1.59%	0.172%
21	7.712	722	728	732	rVV	265613	614884	91.04%	9.806%
22	7.781	732	735	743	rVB	99306	224759	33.28%	3.584%
23	8.412	795	799	803	rVB2	7896	19679	2.91%	0.314%
24	8.747	828	833	834	rBV5	5887	10238	1.52%	0.163%
25	9.338	886	893	895	rBV4	6038	17144	2.54%	0.273%
26	9.388	895	898	901	rVV5	3103	7826	1.16%	0.125%
27	9.565	912	916	918	rVB2	9745	19124	2.83%	0.305%
28	9.624	918	922	926	rBV	19877	43724	6.47%	0.697%
29	9.910	946	951	959	rBV	313307	675399	100.00%	10.771%
30	10.038	959	964	966	rVV5	7390	21205	3.14%	0.338%
31	10.255	983	986	992	rVB4	10323	26423	3.91%	0.421%
32	10.817	1040	1043	1046	rBV2	6993	12633	1.87%	0.201%
33	10.896	1047	1051	1055	rVB6	4467	10180	1.51%	0.162%
34	11.014	1059	1063	1065	rBV5	2728	6907	1.02%	0.110%

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Smoothing : ON Filtering: 5
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Title : SW846 8260

35	11.448	1104	1107	1109	rBV	30034	49288	7.30%	0.786%
36	11.497	1109	1112	1119	rVV	313698	536553	79.44%	8.557%
37	11.625	1123	1125	1127	rVV3	10764	15936	2.36%	0.254%
38	11.675	1127	1130	1131	rVV3	4404	8321	1.23%	0.133%
39	11.734	1134	1136	1139	rBV4	3228	6941	1.03%	0.111%
40	11.783	1139	1141	1146	rVB6	6410	15351	2.27%	0.245%
41	11.882	1149	1151	1154	rVV3	6480	10716	1.59%	0.171%
42	11.980	1157	1161	1162	rVB4	4752	8467	1.25%	0.135%
43	12.089	1169	1172	1175	rVB4	5605	9437	1.40%	0.151%
44	12.266	1187	1190	1193	rBV4	7389	11218	1.66%	0.179%
45	12.374	1198	1201	1204	rVB5	4884	9304	1.38%	0.148%
46	12.512	1211	1215	1221	rVB6	7646	19888	2.94%	0.317%
47	12.611	1221	1225	1233	rBV	426958	650338	96.29%	10.372%
48	12.818	1243	1246	1250	rVB6	3017	6961	1.03%	0.111%
49	12.996	1261	1264	1267	rVB5	4565	9215	1.36%	0.147%
50	13.212	1282	1286	1289	rBV5	3557	8929	1.32%	0.142%
51	13.321	1295	1297	1302	rVB2	28833	46264	6.85%	0.738%
52	13.498	1313	1315	1317	rBV2	4041	6945	1.03%	0.111%
53	13.755	1339	1341	1344	rVB4	7381	13309	1.97%	0.212%
54	13.912	1355	1357	1362	rVB3	7381	11774	1.74%	0.188%
55	14.001	1365	1366	1369	rBV3	3963	7369	1.09%	0.118%
56	14.238	1388	1390	1394	rVB4	10326	15967	2.36%	0.255%
57	14.346	1399	1401	1405	rVB4	6868	12439	1.84%	0.198%
58	14.494	1413	1416	1419	rBV	28891	44986	6.66%	0.717%
59	14.642	1428	1431	1434	rBV4	12425	30413	4.50%	0.485%
60	14.721	1436	1439	1440	rBV3	7379	9783	1.45%	0.156%
61	14.790	1444	1446	1448	rBV3	8939	13454	1.99%	0.215%
62	14.829	1448	1450	1453	rVB3	10633	16352	2.42%	0.261%
63	14.997	1463	1467	1468	rBV4	9296	17259	2.56%	0.275%
64	15.066	1470	1474	1475	rBV3	16503	40757	6.03%	0.650%
65	15.125	1478	1480	1482	rVV	21156	18165	2.69%	0.290%
66	15.253	1491	1493	1498	rVB4	27042	59805	8.85%	0.954%
67	15.332	1498	1501	1503	rBV3	16848	38050	5.63%	0.607%
68	15.430	1503	1511	1515	rBV6	62807	232780	34.47%	3.712%
69	15.529	1515	1521	1525	rBV5	39870	175226	25.94%	2.795%

Sum of corrected areas: 6270352

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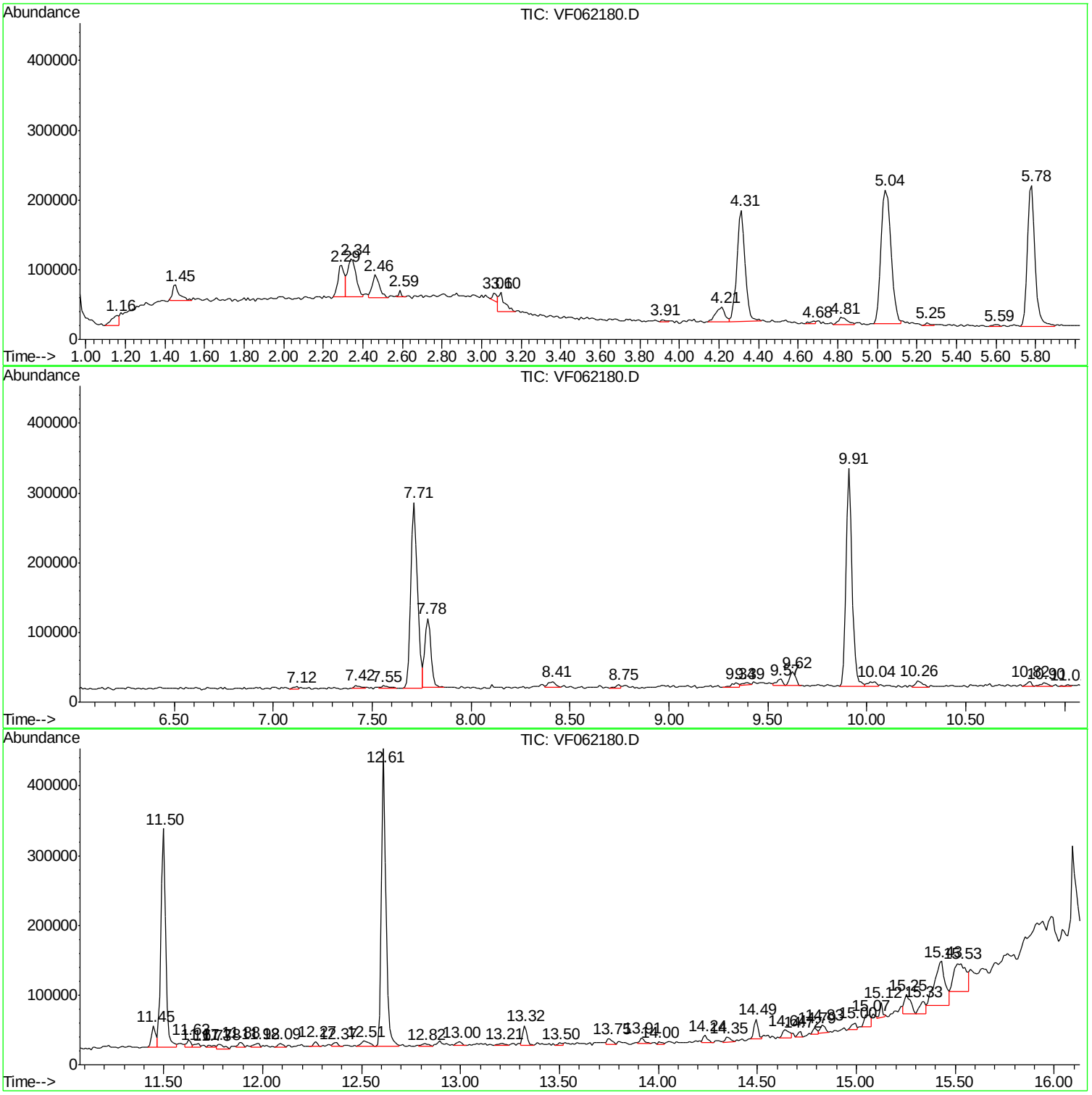
ClientSampleId : TP-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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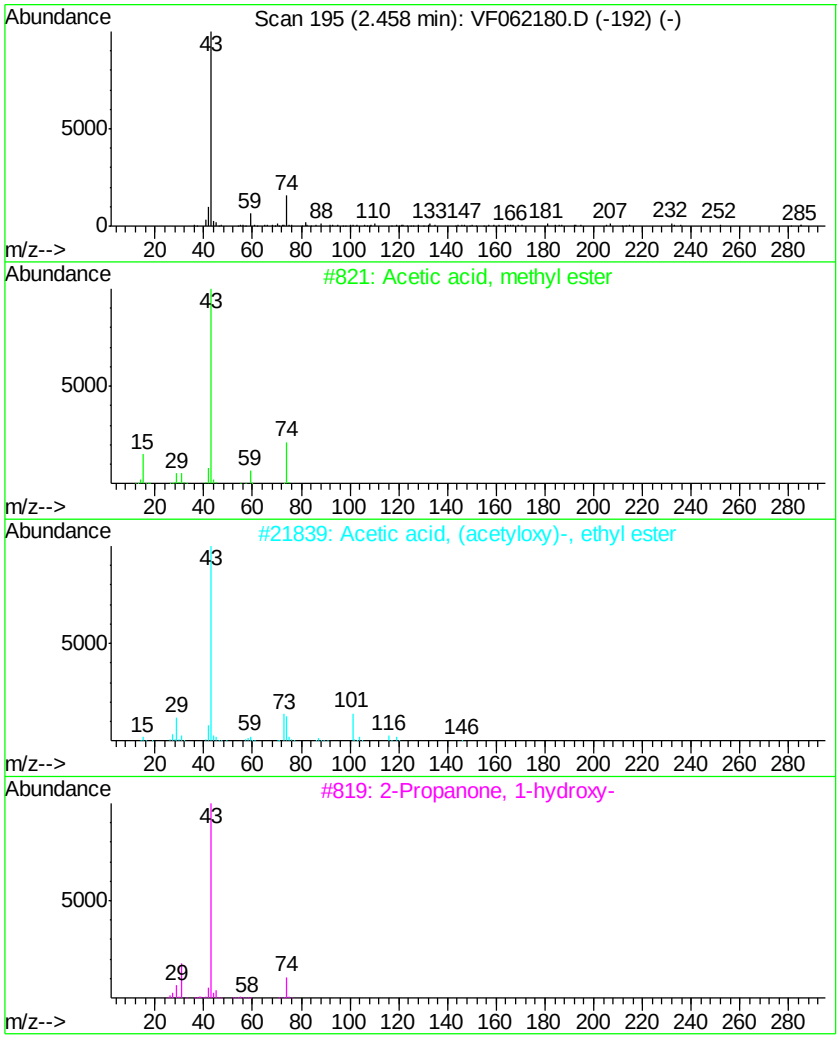
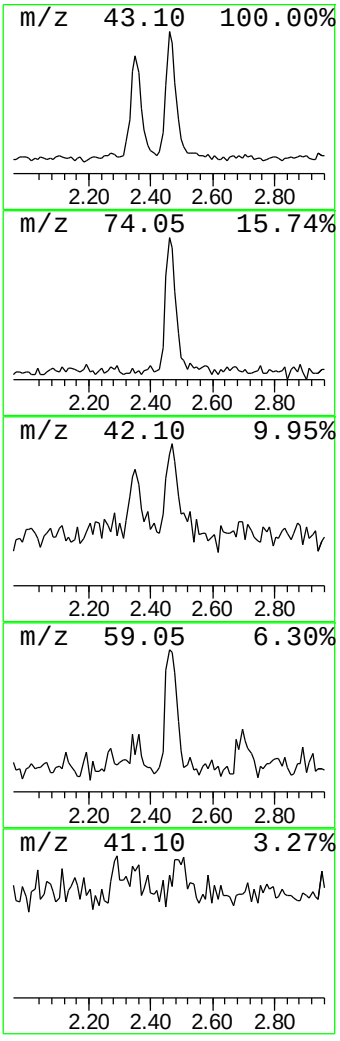
****

Peak Number 1 Acetic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.46	5.82 ug/l	77441	Pentafluorobenzene	5.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	59
2	Acetic acid, (acetyloxy)-, ethyl...	146	C6H10O4	000623-86-9	9
3	2-Propanone, 1-hydroxy-	74	C3H6O2	000116-09-6	9
4	3,4-Epoxyhexanoic acid, ethyl ester	158	C8H14O3	061454-92-0	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	7





Library Search Compound Report

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Quant Title : SW846 8260

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

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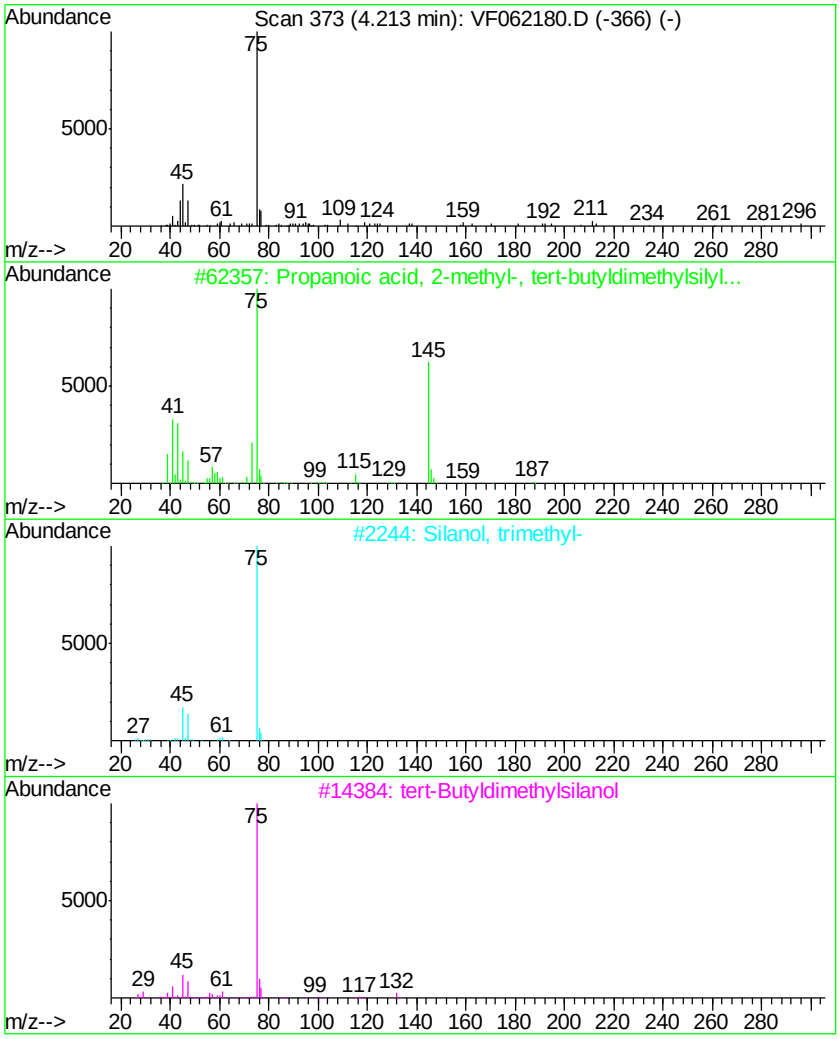
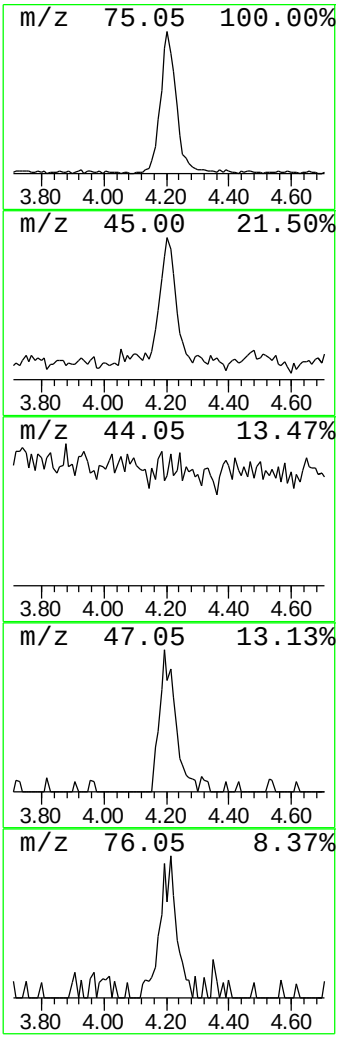
Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	5.35 ug/l	71165	Pentafluorobenzene	5.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, tert-...	202	C10H22O2Si	111864-21-2	72
2	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	72
3	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	59
4	Silanol, trimethyl-, acetate	132	C5H12O2Si	002754-27-0	56
5	Silane, trimethyl(1-methylethoxy)-	132	C6H16OSi	001825-64-5	56





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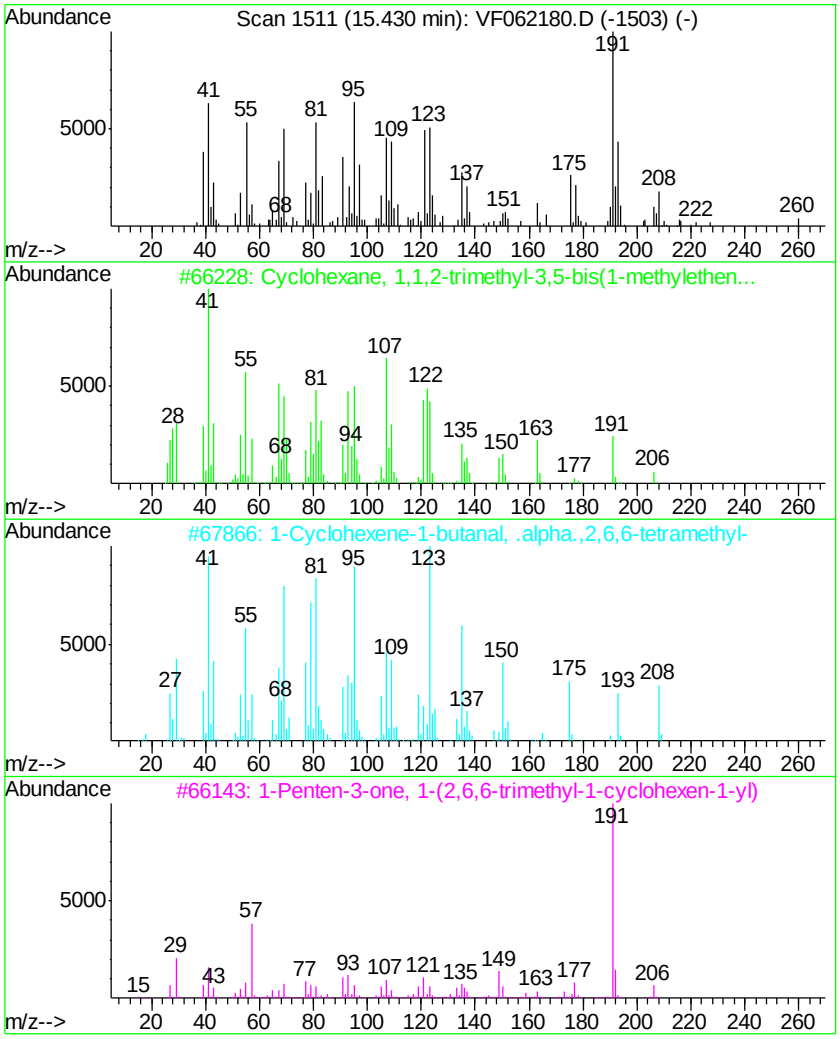
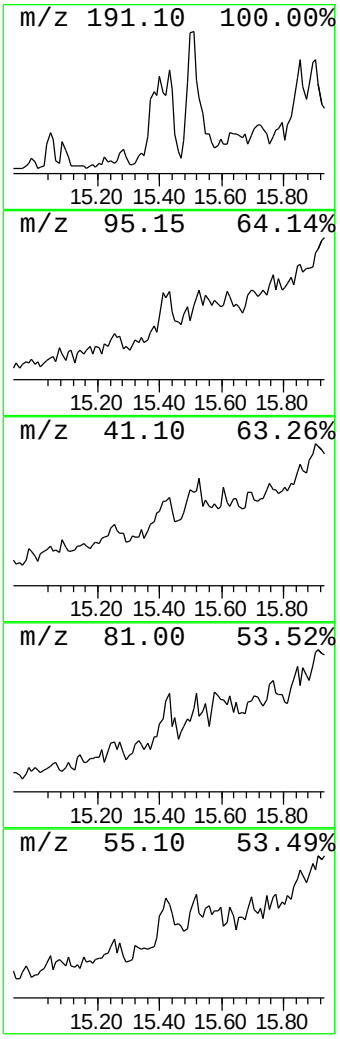
Peak Number 3 unknown15.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	17.90 ug/l	232780	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-97-7	35
2	1-Cyclohexene-1-butanal, .alpha....	208	C14H24O	021632-06-4	27
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
4	5,6-Dichloronicotinic acid	191	C6H3Cl2NO2	041667-95-2	22
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	22





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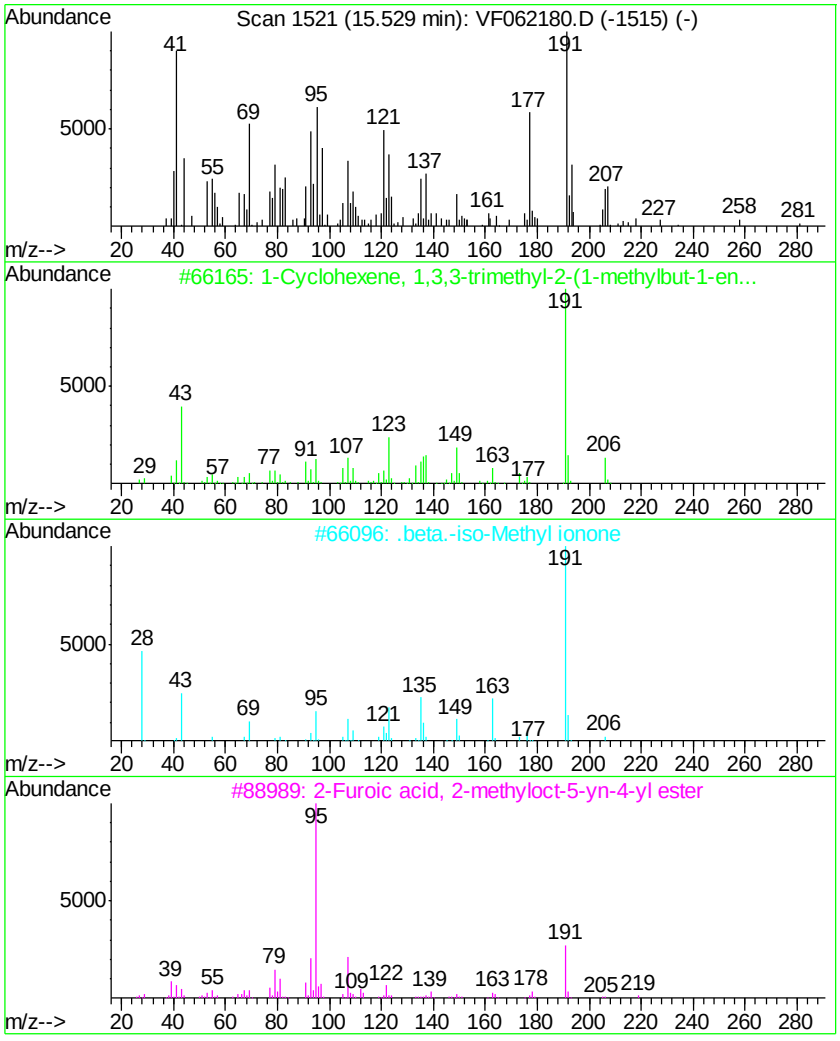
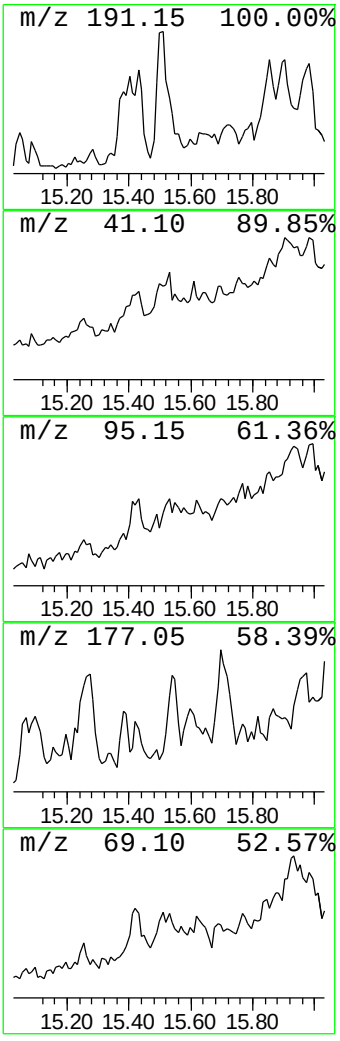
****

Peak Number 4 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	13.47 ug/l	175226	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	35
4	Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	25
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	25





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetic acid, meth...	2.46	5.8	ug/l	77441	1	5.06	665567	50.0
Propanoic acid, 2...	4.21	5.3	ug/l	71165	1	5.06	665567	50.0
unknown15.43	15.43	17.9	ug/l	232780	4	12.61	650338	50.0
1-Cyclohexene, 1,...	15.53	13.5	ug/l	175226	4	12.61	650338	50.0