LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005322.D
Acq On : 13 Oct 2018 04:57
Operator : JC/MD
Sample : J5392-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SOIL-DRUM

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_X\METHOD\82X101218W.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	1.605	67	74	78	rVB7	6614	12861	1.09%	0.131%
2	1.794	100	105	112	rVB2	8054	13189	1.11%	0.135%
3	2.446	207	212	218	rVB	18330	28903	2.44%	0.295%
4	2.781	261	267	272	rBV	7226	13868	1.17%	0.142%
5	2.861	272	280	292	rVV	535821	1019566	86.13%	10.419%
6	3.665	406	412	429	rVB9	3721	14247	1.20%	0.146%
7	5.507	701	714	727	rBV	144150	413975	34.97%	4.230%
8	5.665	728	740	758	rBV	251556	721237	60.93%	7.370%
9	6.067	795	806	830	rVB	161077	428223	36.18%	4.376%
10	6.464	858	871	886	rBV	110095	282989	23.91%	2.892%
11	6.860	925	936	961	rBV	365345	899137	75.96%	9.188%
12	7.884	1096	1104	1114	rBV	152937	265763	22.45%	2.716%
13	8.713	1234	1240	1249	rBV	744311	1183735	100.00%	12.097%
14	9.408	1351	1354	1358	rVB	15291	17548	1.48%	0.179%
15	9.542	1371	1376	1383	rBV	72975	104237	8.81%	1.065%
16	9.640	1388	1392	1408	rVB	24857	35282	2.98%	0.361%
17	9.975	1440	1447	1456	rBV	79038	107374	9.07%	1.097%
18	10.116	1463	1470	1487	rBV	733577	1033012	87.27%	10.556%
19	10.250	1489	1492	1498	rVB	9663	13456	1.14%	0.138%
20	10.359	1503	1510	1517	rBV	24510	36117	3.05%	0.369%
21	10.701	1560	1566	1572	rBV	16894	25064	2.12%	0.256%
22	11.140	1632	1638	1653	rBV	608583	777346	65.67%	7.944%
23	11.432	1682	1686	1694	rBV	19659	38846	3.28%	0.397%
24	11.506	1694	1698	1705	rVB	13413	18355	1.55%	0.188%
25	11.670	1720	1725	1730	rVB	14868	19471	1.64%	0.199%
26	11.810	1742	1748	1753	rBV	41461	53108	4.49%	0.543%
27	12.079	1786	1792	1799	rBV	800911	976018	82.45%	9.974%
28	12.146	1799	1803	1808	rVB	23567	29568	2.50%	0.302%
29	12.304	1820	1829	1836	rBV3	23875	43956	3.71%	0.449%
30	12.371	1836	1840	1850	rVB4	12928	20544	1.74%	0.210%
31	12.469	1850	1856	1860	rBV2	13357	18221	1.54%	0.186%
32	12.670	1885	1889	1892	rBV	15563	18404	1.55%	0.188%
33	12.755	1899	1903	1911	rBV3	8151	15150	1.28%	0.155%
34	13.017	1943	1946	1953	rVB	11548	14599	1.23%	0.149%

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Title : SW846 8260

35	13.347	1996	2000	2006	rVB2	26741	38405	3.24%	0.392%
36	13.481	2016	2022	2028	rVB2	14370	20663	1.75%	0.211%
37	13.645	2044	2049	2053	rBV4	8166	12531	1.06%	0.128%
38	13.834	2072	2080	2087	rBV	491510	588708	49.73%	6.016%
39	13.926	2087	2095	2100	rVV2	17218	32316	2.73%	0.330%
40	13.987	2100	2105	2109	rVB3	9851	14142	1.19%	0.145%
41	14.286	2147	2154	2161	rBV2	17911	33649	2.84%	0.344%
42	14.542	2191	2196	2200	rBV2	14018	18597	1.57%	0.190%
43	14.700	2213	2222	2226	rBV	81256	114009	9.63%	1.165%
44	14.840	2240	2245	2250	rBV	44583	59730	5.05%	0.610%
45	15.273	2305	2316	2321	rBV2	11565	27807	2.35%	0.284%
46	15.547	2356	2361	2366	rBV2	14722	23382	1.98%	0.239%
47	15.688	2376	2384	2388	rBV	20158	34381	2.90%	0.351%
48	15.730	2388	2391	2397	rVB3	9711	14468	1.22%	0.148%
49	15.919	2414	2422	2426	rBV3	5524	13151	1.11%	0.134%
50	16.419	2498	2504	2514	rVB	13333	26248	2.22%	0.268%

Sum of corrected areas: 9785556

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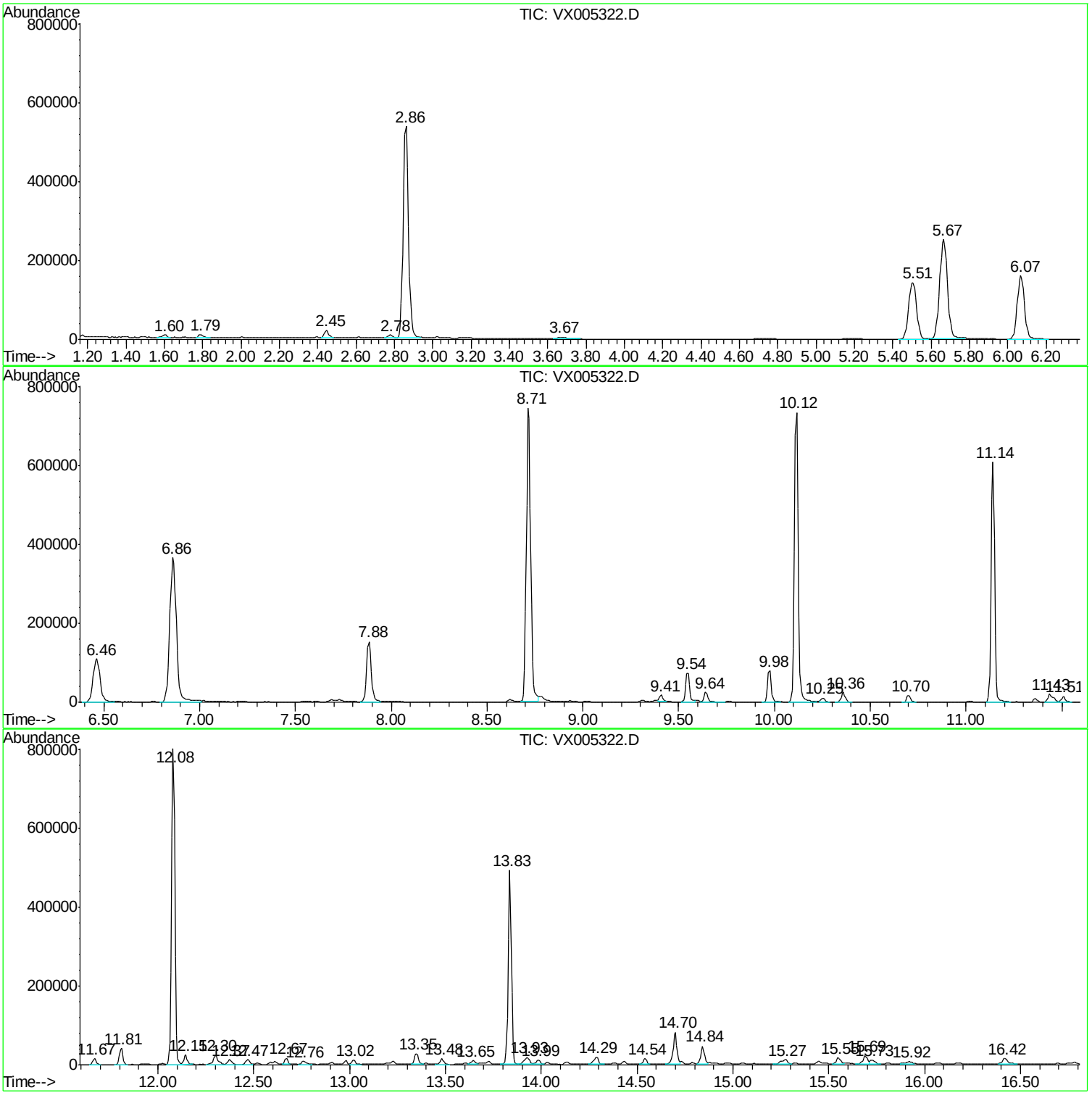
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260

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



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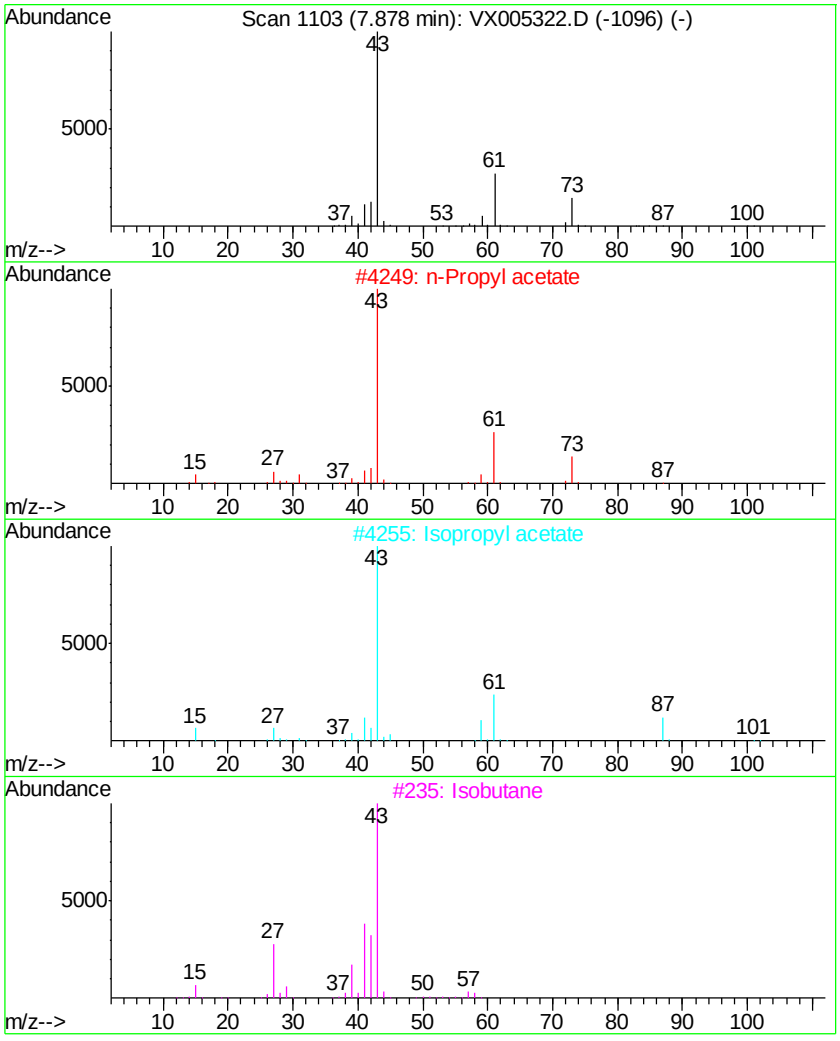
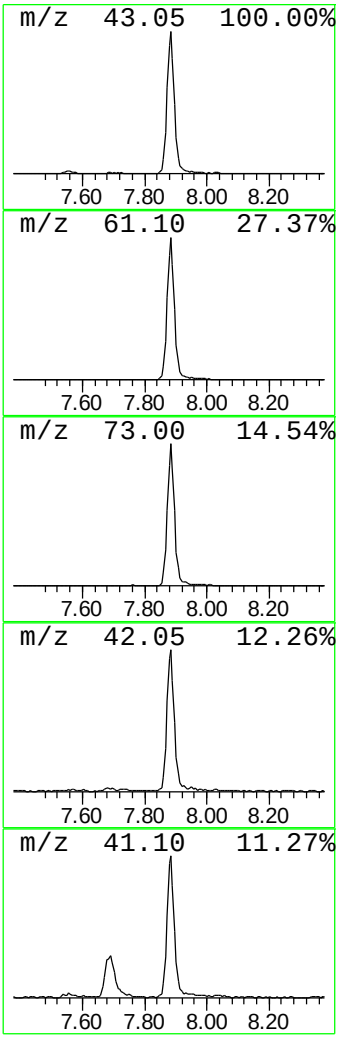
Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	14.78 ug/l	265763	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Isopropyl acetate	102	C5H10O2	000108-21-4	36
3	Isobutane	58	C4H10	000075-28-5	9
4	Isobutylamine	73	C4H11N	000078-81-9	9
5	Isobutyl acetate	116	C6H12O2	000110-19-0	9





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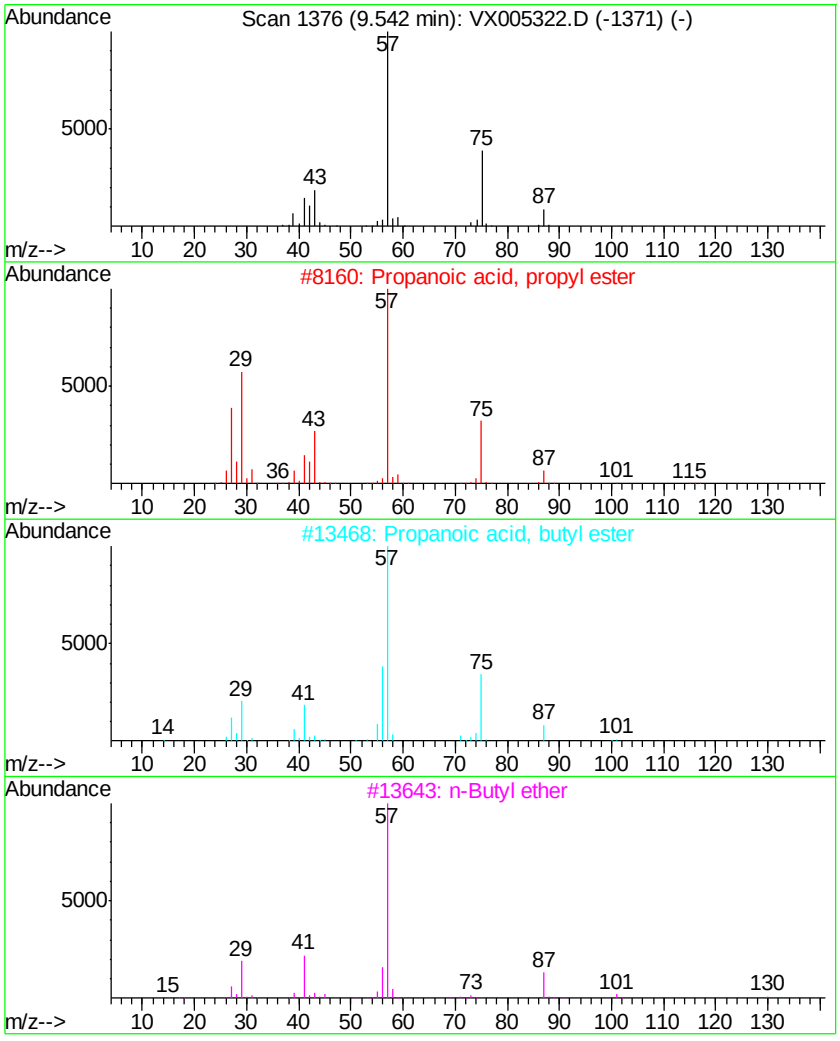
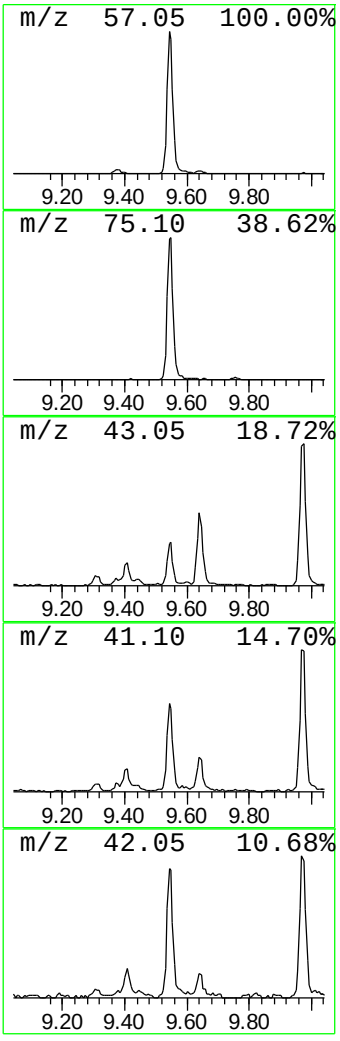
Peak Number 2 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.05 ug/l	104237	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	72
3	n-Butyl ether	130	C8H18O	000142-96-1	12
4	Isobutyl ether	130	C8H18O	000628-55-7	10
5	Trimethylaluminum	72	C3H9Al	000075-24-1	9





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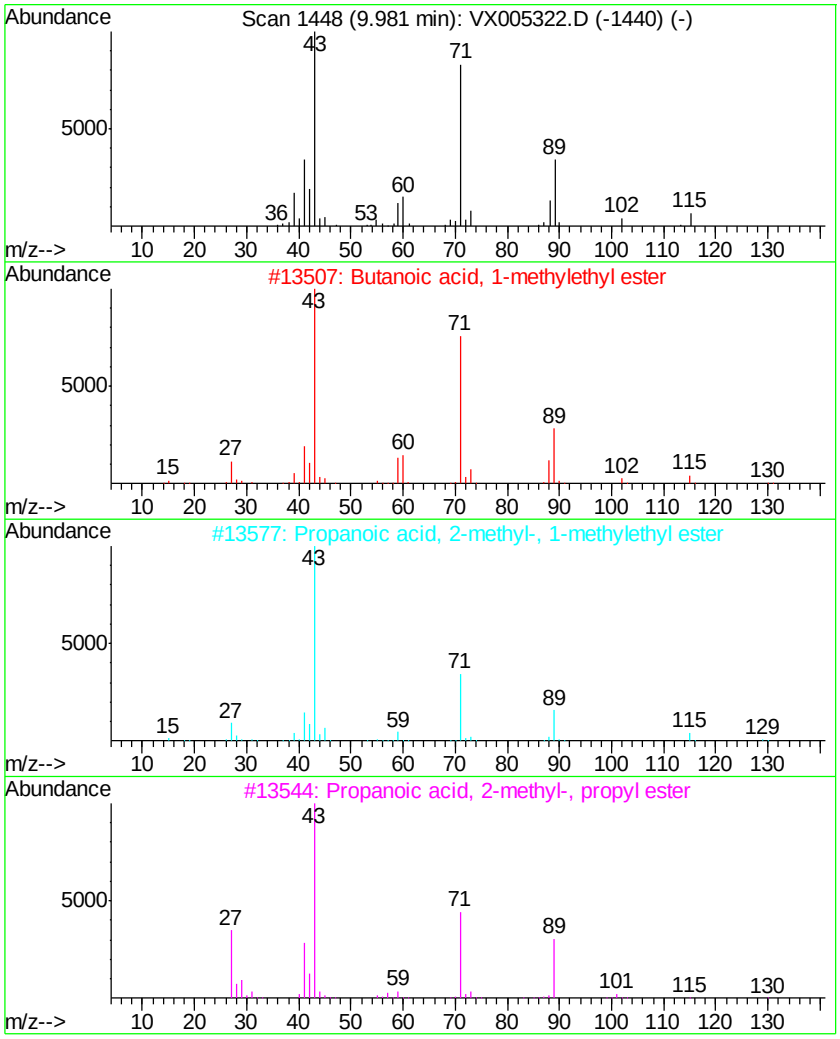
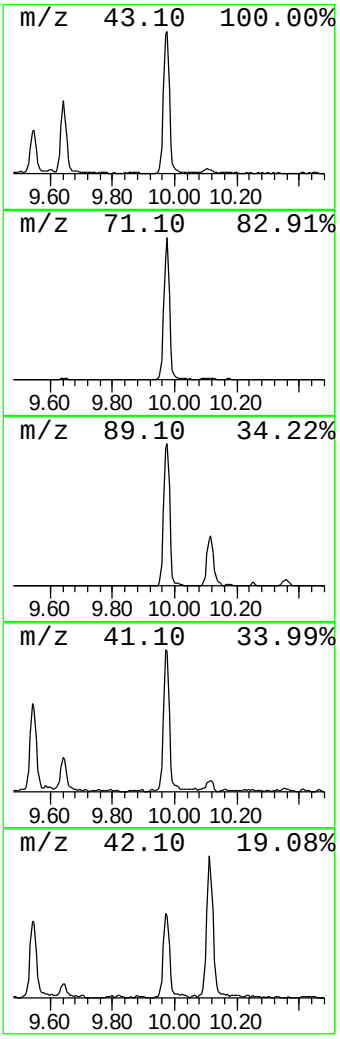
Peak Number 3 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	5.20 ug/l	107374	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	64
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	56





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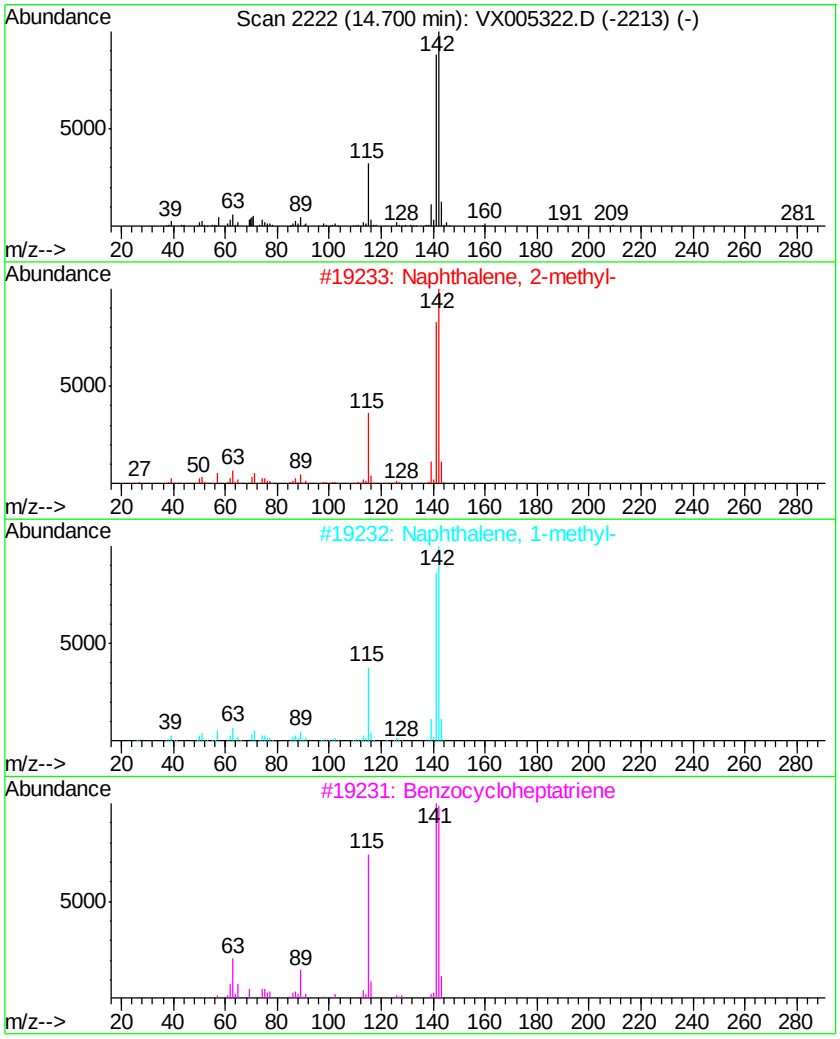
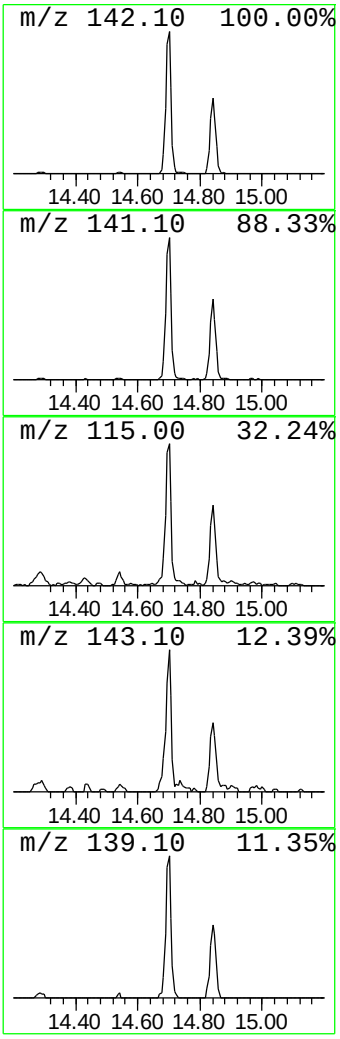
Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.84 ug/l	114009	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	7.88	14.8	ug/l	265763	2	6.86	899137	50.0
Propanoic acid, p...	9.54	5.0	ug/l	104237	3	10.12	1033010	50.0
Butanoic acid, 1-...	9.98	5.2	ug/l	107374	3	10.12	1033010	50.0
Naphthalene, 2-me...	14.70	5.8	ug/l	114009	4	12.08	976018	50.0