LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
Data File : VN074008.D
Acq On : 18 Aug 2022 16:37
Operator : JC\MD
Sample : N4241-10 25X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TRE-1633

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_N\methods\82N081522W.M
Title : SW846 8260

Signal : TIC: VN074008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.546	103	112	148	rBV	7404294	13317158	100.00%	41.252%
2	3.634	285	297	311	rBV	231265	597750	4.49%	1.852%
3	4.222	388	397	423	rBV	168791	497332	3.73%	1.541%
4	7.239	898	910	921	rBV2	47052	155389	1.17%	0.481%
5	7.951	1019	1031	1036	rBV	376447	883656	6.64%	2.737%
6	8.016	1036	1042	1061	rVV	691252	1590262	11.94%	4.926%
7	8.186	1061	1071	1085	rVB	154077	356502	2.68%	1.104%
8	8.369	1093	1102	1117	rBV	339584	773462	5.81%	2.396%
9	8.904	1184	1193	1205	rBV	914182	1871738	14.06%	5.798%
10	10.380	1436	1444	1454	rBV	1279568	2306304	17.32%	7.144%
11	11.686	1658	1666	1677	rBV	1331891	2351162	17.66%	7.283%
12	12.045	1720	1727	1736	rBV	97976	168566	1.27%	0.522%
13	12.215	1746	1756	1764	rBV	319530	531773	3.99%	1.647%
14	12.292	1764	1769	1779	rVB2	77359	166707	1.25%	0.516%
15	12.674	1826	1834	1845	rVB	1201059	2023358	15.19%	6.268%
16	13.615	1986	1994	2002	rBV	1585947	2659011	19.97%	8.237%
17	13.709	2003	2010	2018	rVB	130173	235432	1.77%	0.729%
18	13.933	2043	2048	2053	rBV	104467	160152	1.20%	0.496%
19	14.786	2188	2193	2199	rVB	183868	257197	1.93%	0.797%
20	15.398	2292	2297	2301	rBV	87319	163597	1.23%	0.507%
21	15.633	2331	2337	2347	rVB	265564	456475	3.43%	1.414%
22	16.256	2435	2443	2449	rBV9	54873	172313	1.29%	0.534%
23	16.592	2495	2500	2514	rVB	225914	443254	3.33%	1.373%
24	16.733	2517	2524	2532	rBV6	44620	143945	1.08%	0.446%

Sum of corrected areas: 32282495

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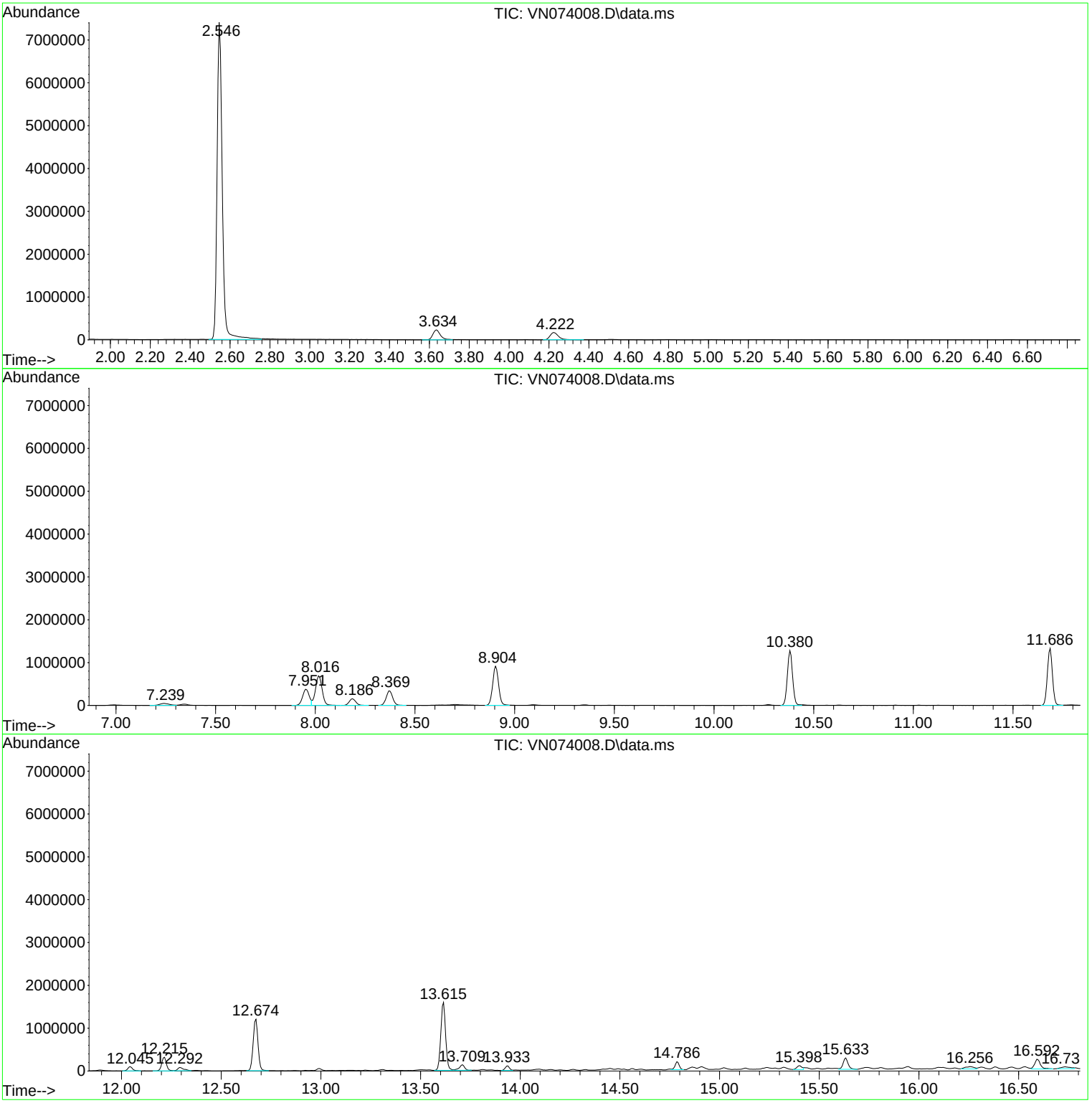
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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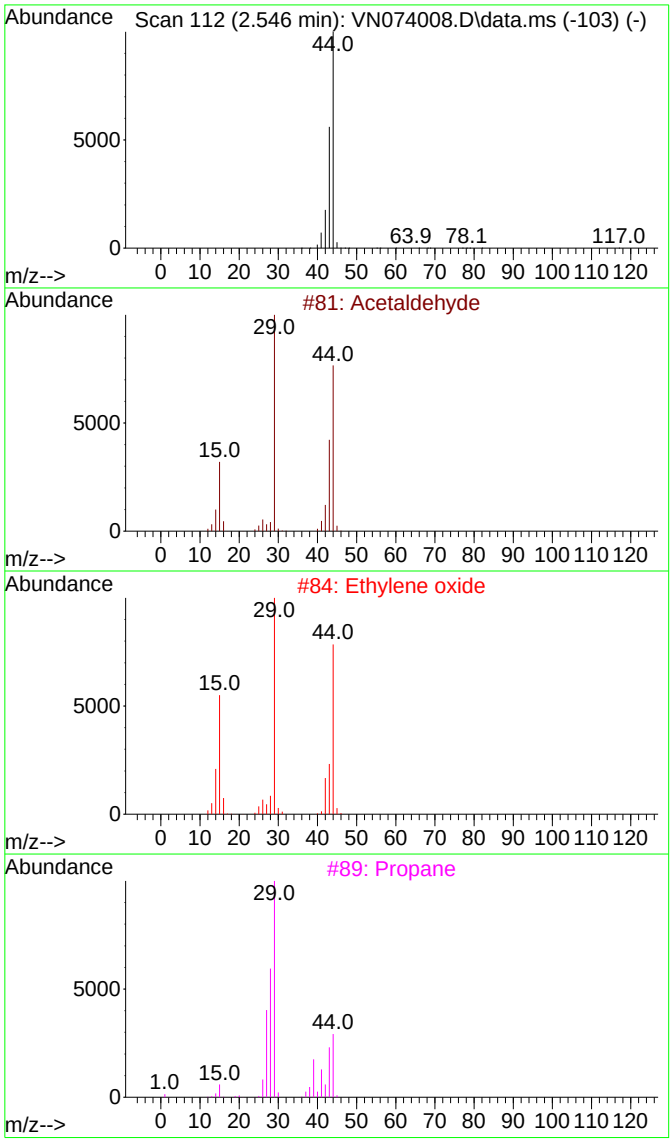
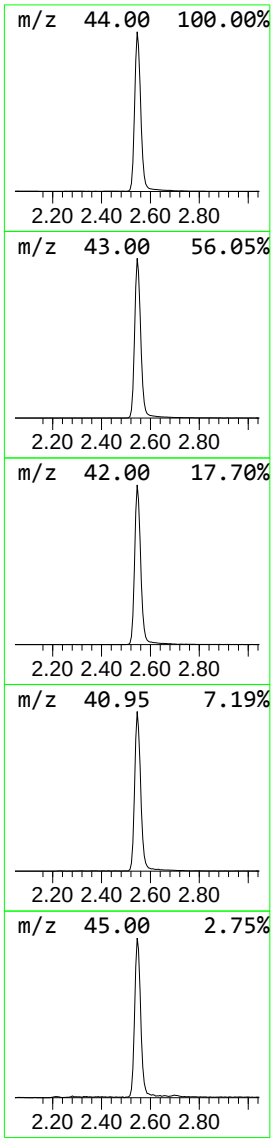
Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.546	418.71 ug/l	13317200	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	64
2	Ethylene oxide	44	C2H4O	000075-21-8	5
3	Propane	44	C3H8	000074-98-6	4
4	Alanine	89	C3H7NO2	000056-41-7	4
5	1,2-Propanediamine	74	C3H10N2	000078-90-0	4





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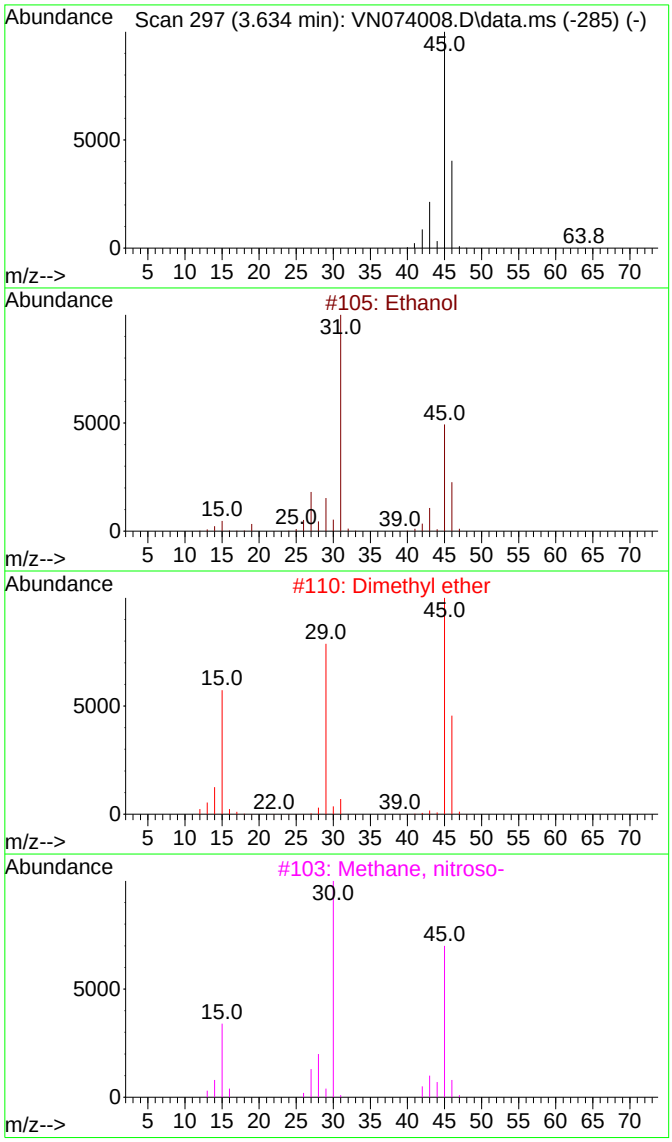
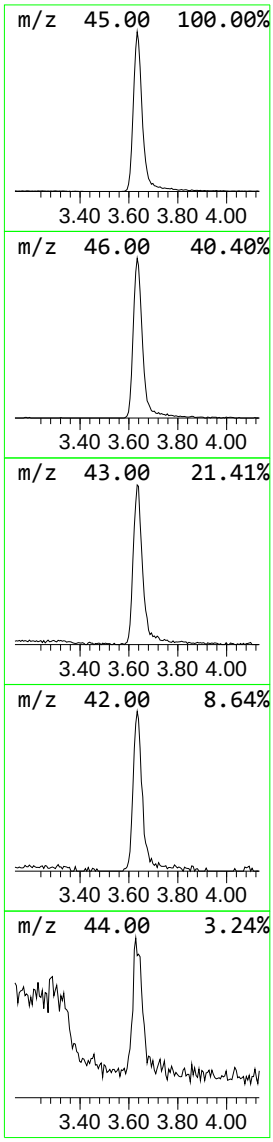
Peak Number 2 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.634	18.79 ug/l	597750	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





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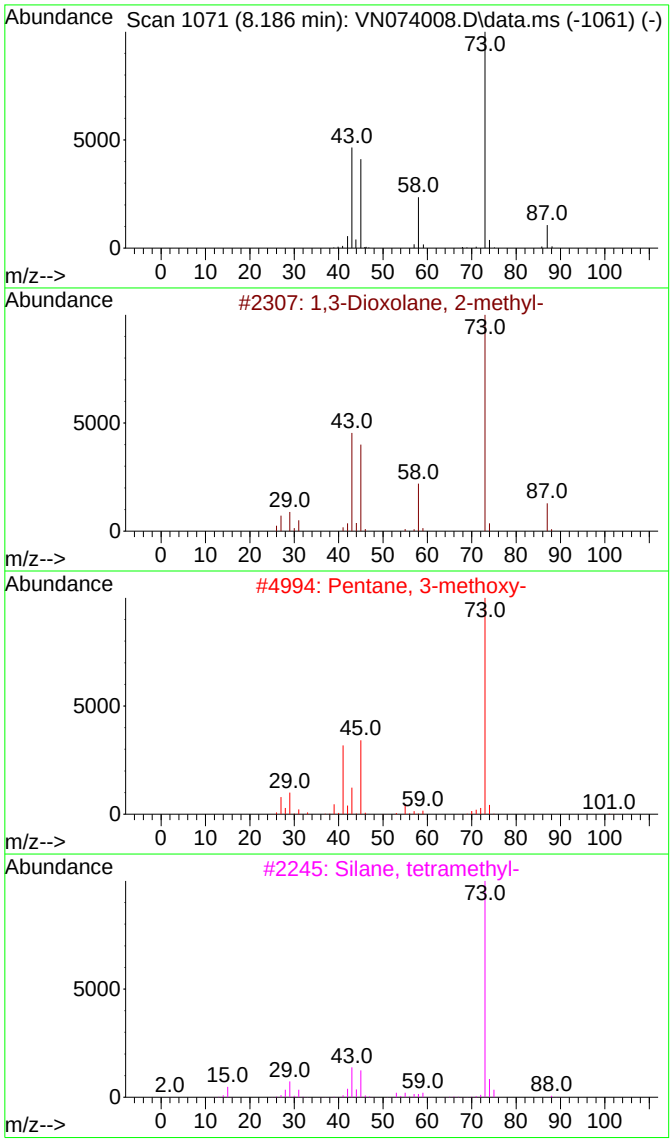
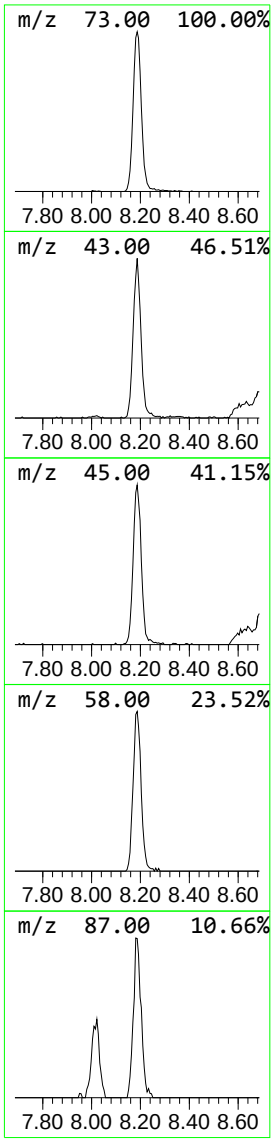
Peak Number 3 1,3-Dioxolane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.186	11.21 ug/l	356502	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	91
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
4	2-Acetamido-N-methylacetamide	130	C5H10N2O2	007606-79-3	17
5	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9





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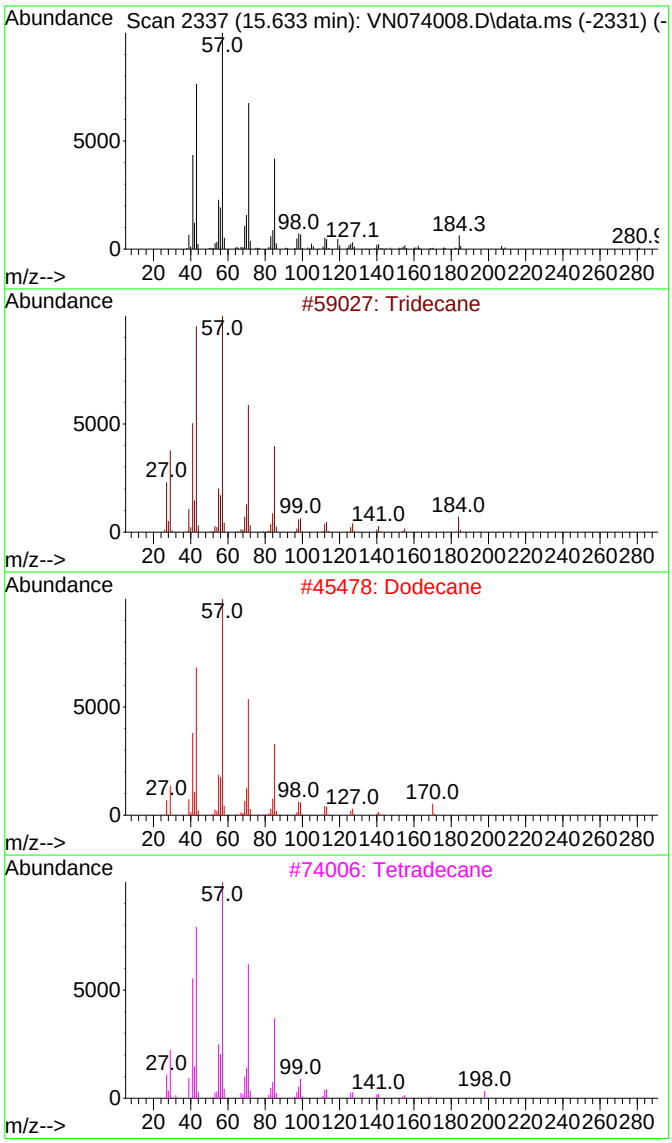
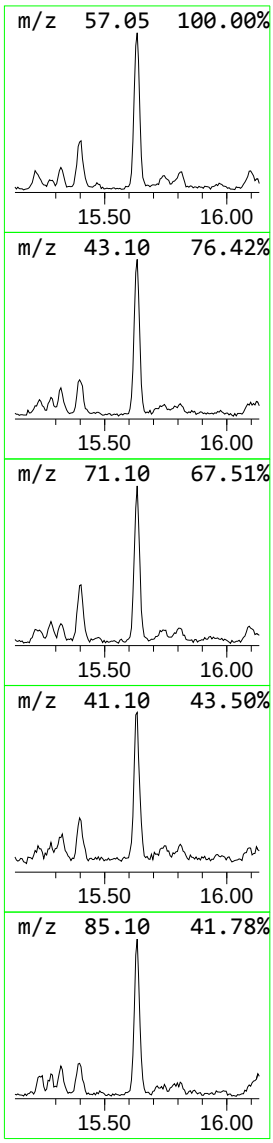
Peak Number 4 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	8.58 ug/l	456475	1,4-Dichlorobenzene-d4	13.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Dodecane	170	C12H26	000112-40-3	93
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86





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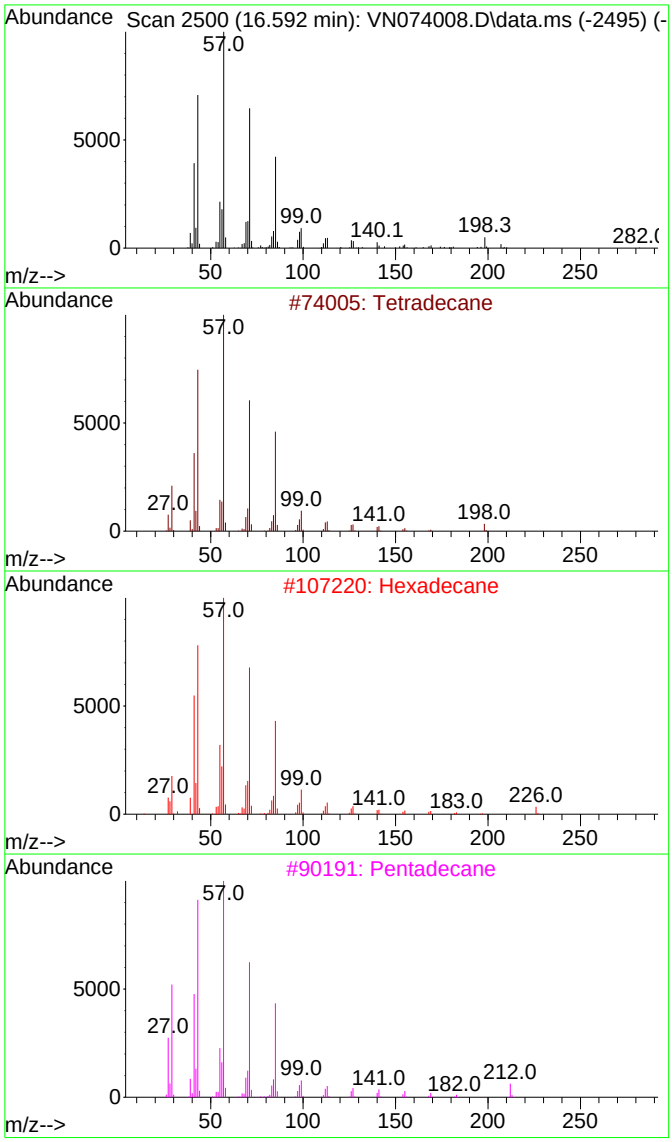
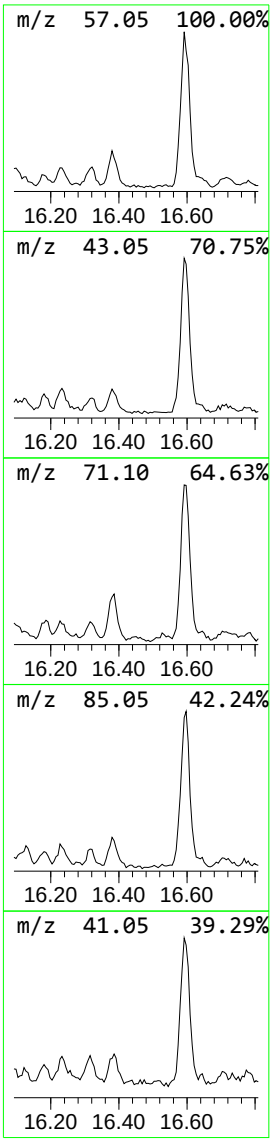
Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	8.33 ug/l	443254	1,4-Dichlorobenzene-d4	13.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	2.546	418.7	ug/l	13317200	1	8.016	1590260	50.0
Ethanol	3.634	18.8	ug/l	597750	1	8.016	1590260	50.0
1,3-Dioxolane, ...	8.186	11.2	ug/l	356502	1	8.016	1590260	50.0
Tridecane	15.633	8.6	ug/l	456475	4	13.615	2659010	50.0
Tetradecane	16.592	8.3	ug/l	443254	4	13.615	2659010	50.0