LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
Data File : VN073743.D
Acq On : 04 Aug 2022 17:58
Operator : JC\MD
Sample : N4029-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MID0822

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\82N072822W.M
Title : SW846 8260

Signal : TIC: VN073743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	47	54	56	rBV	44367	79607	4.08%	0.604%
2	2.228	56	58	63	rVB	41562	46163	2.37%	0.350%
3	2.328	65	75	76	rBV	34592	75320	3.86%	0.571%
4	2.393	83	86	91	rBV5	18580	32498	1.67%	0.246%
5	2.699	133	138	155	rVB3	29937	112711	5.78%	0.855%
6	3.081	196	203	216	rVB3	63751	176889	9.07%	1.342%
7	5.104	535	547	564	rVB3	51567	179771	9.21%	1.363%
8	5.287	568	578	592	rBV3	14257	50705	2.60%	0.385%
9	5.528	611	619	630	rBV5	7700	27013	1.38%	0.205%
10	7.063	870	880	891	rVB5	9237	27524	1.41%	0.209%
11	7.234	899	909	923	rBV3	7076	24050	1.23%	0.182%
12	7.951	1020	1031	1036	rBV	303186	729843	37.41%	5.535%
13	8.016	1036	1042	1059	rVB	546154	1279186	65.56%	9.702%
14	8.375	1093	1103	1113	rBV2	306436	760739	38.99%	5.770%
15	8.469	1113	1119	1132	rVB2	81940	190921	9.78%	1.448%
16	8.904	1182	1193	1206	rBV	749892	1530661	78.45%	11.609%
17	10.139	1397	1403	1407	rBV2	36519	72162	3.70%	0.547%
18	10.380	1436	1444	1458	rBV	1072674	1951175	100.00%	14.799%
19	10.492	1458	1463	1471	rVB2	24964	45093	2.31%	0.342%
20	11.151	1569	1575	1583	rVB5	24343	45835	2.35%	0.348%
21	11.686	1658	1666	1679	rBV	1052329	1862725	95.47%	14.128%
22	12.674	1826	1834	1846	rBV	893891	1521898	78.00%	11.543%
23	13.086	1893	1904	1906	rBV8	11703	32111	1.65%	0.244%
24	13.486	1955	1972	1974	rBV5	25763	74878	3.84%	0.568%
25	13.616	1986	1994	2008	rVB	1145376	1931056	98.97%	14.646%
26	14.874	2200	2208	2212	rBV8	8612	22484	1.15%	0.171%
27	15.433	2293	2303	2309	rBV	20111	49837	2.55%	0.378%
28	15.645	2328	2339	2350	rVB	9985	33646	1.72%	0.255%
29	15.774	2359	2361	2372	rVB10	9484	22038	1.13%	0.167%
30	16.533	2481	2490	2499	rBV	42572	108385	5.55%	0.822%
31	16.739	2516	2525	2532	rBV2	36250	87995	4.51%	0.667%

Sum of corrected areas: 13184919

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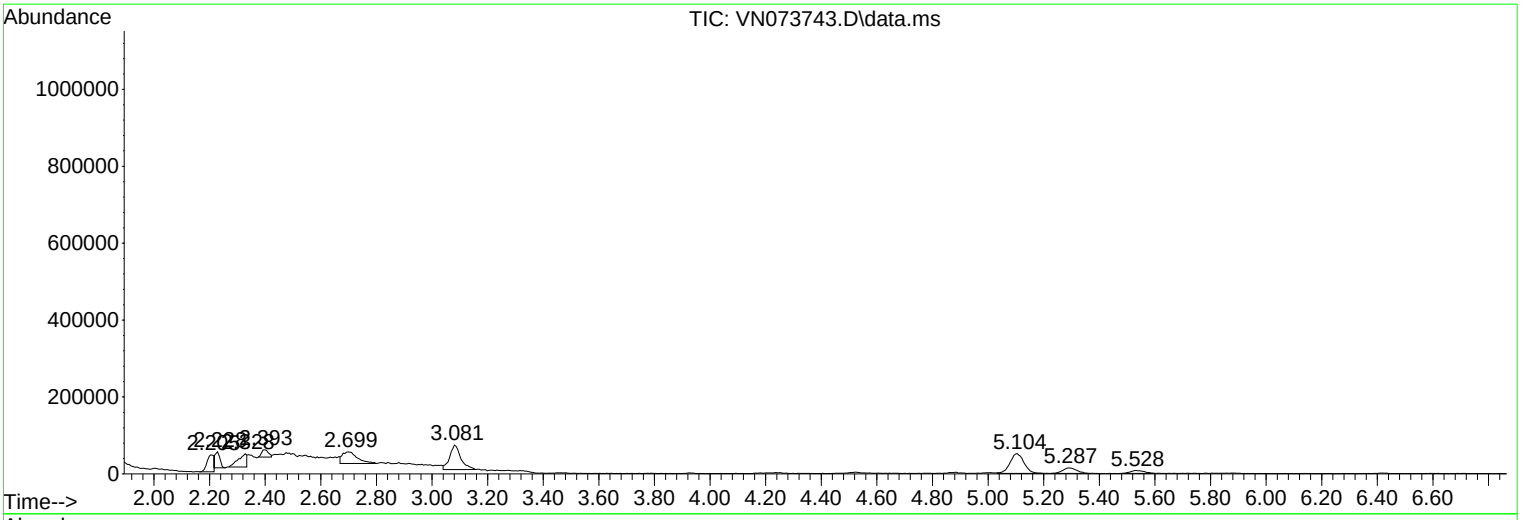
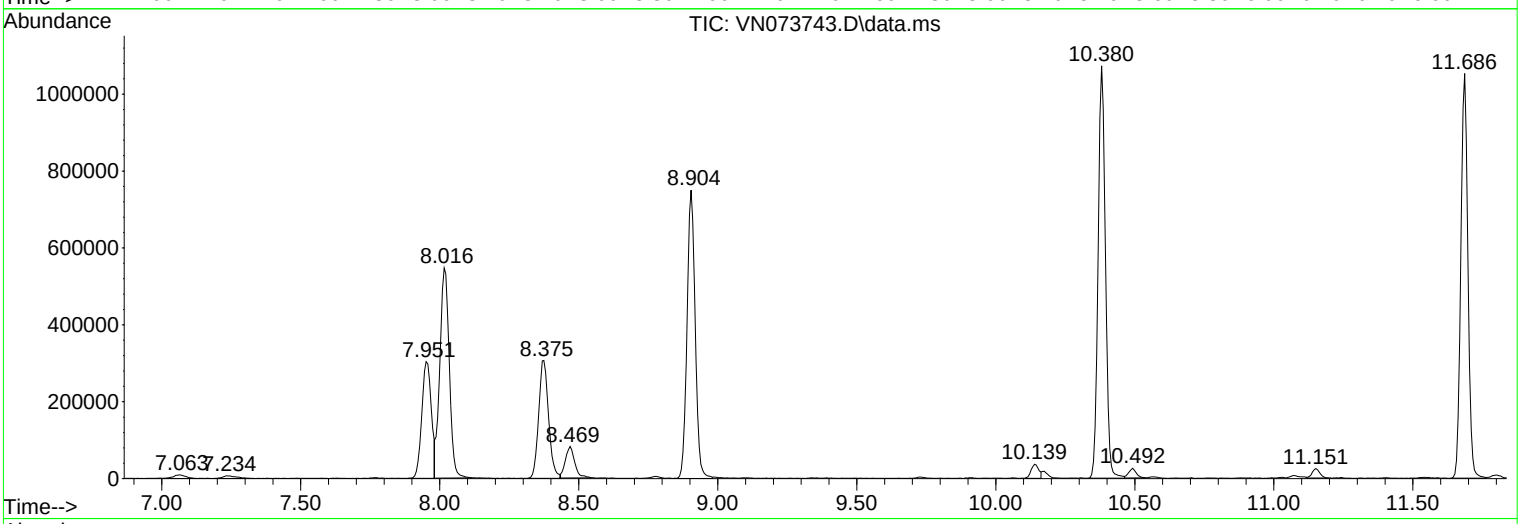
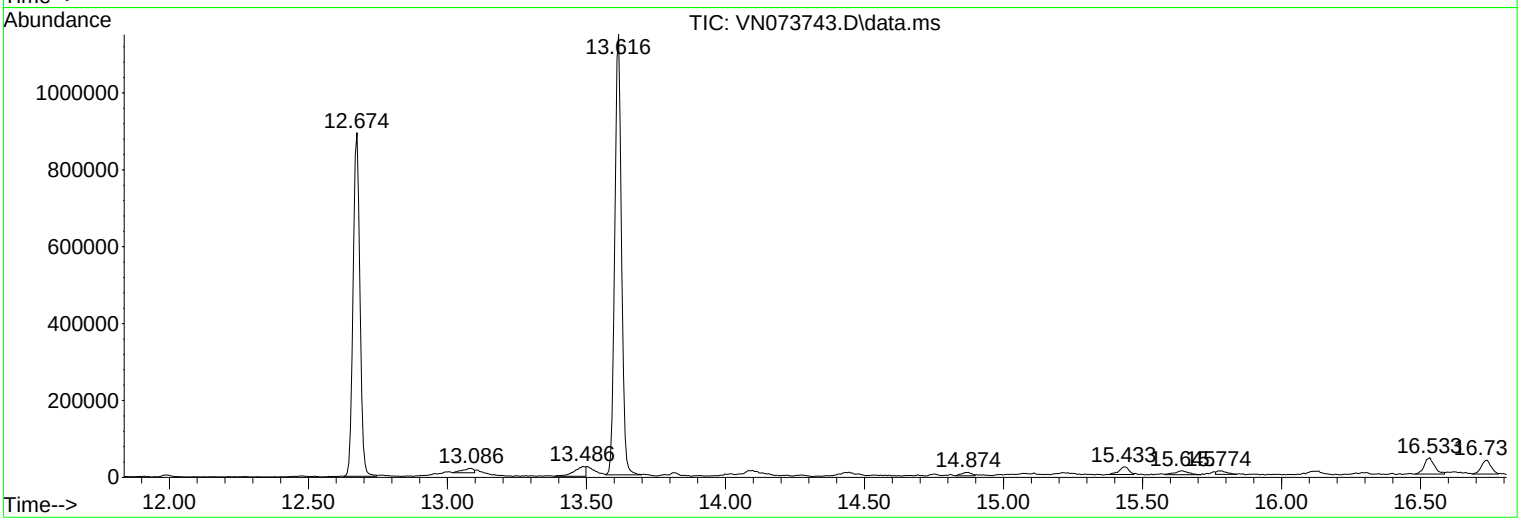
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260

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







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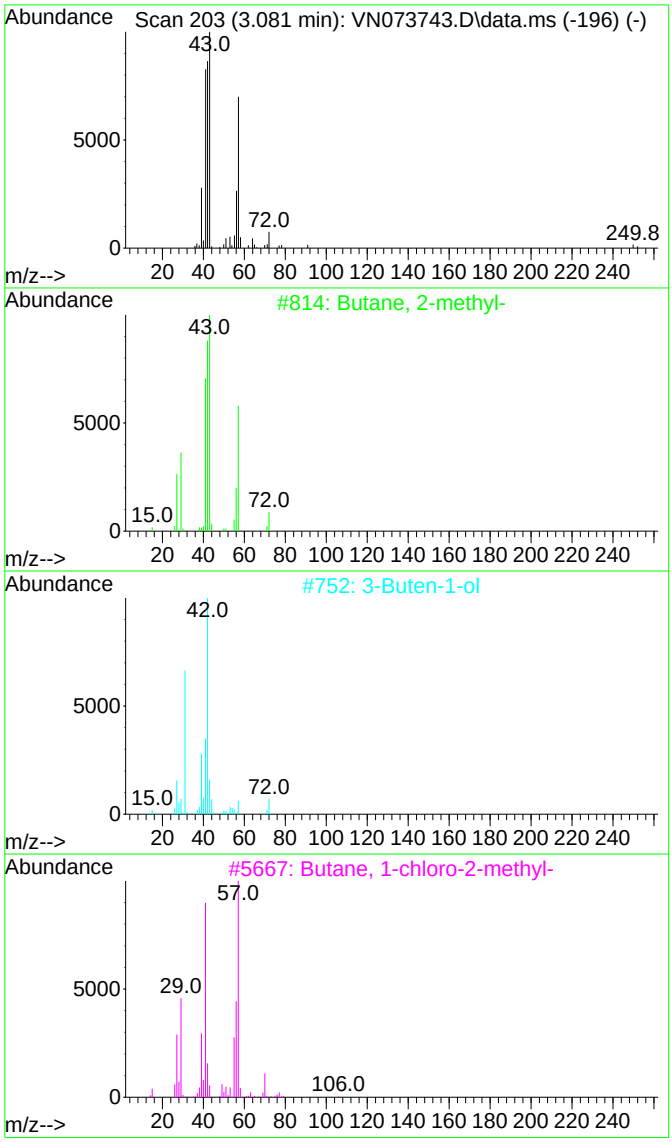
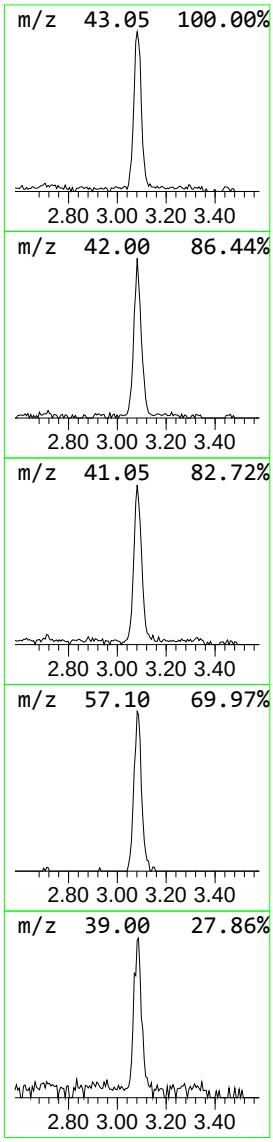
****
Peak Number 1 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	6.91 ug/l	176889	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	3-Buten-1-ol	72	C4H8O	000627-27-0	37
3	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10
5	1-Butene	56	C4H8	000106-98-9	10





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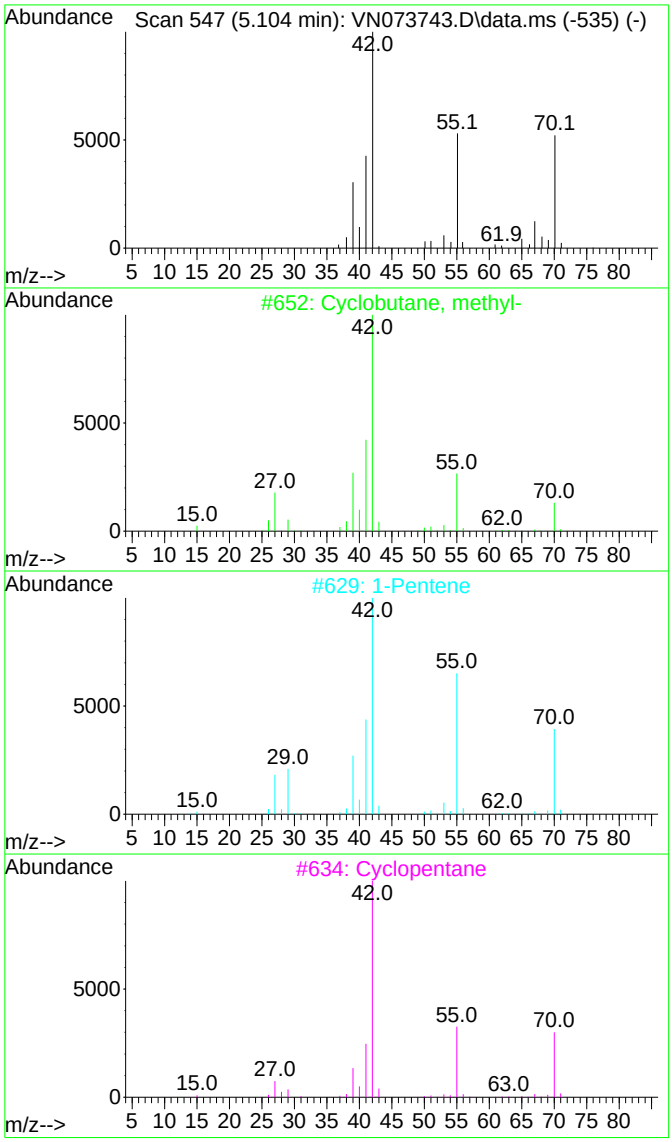
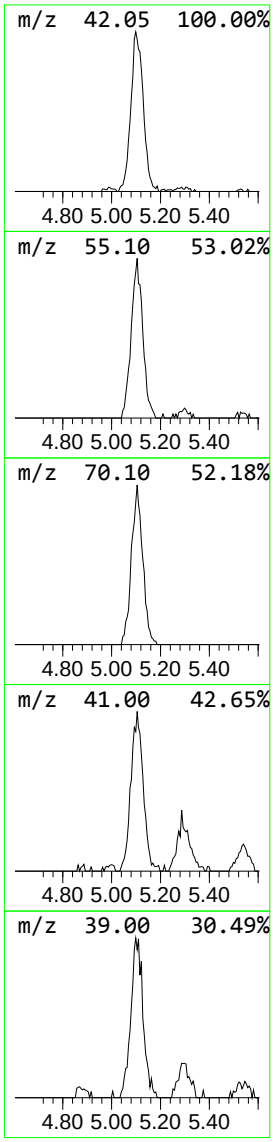
****
Peak Number 2 Cyclobutane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	7.03 ug/l	179771	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	74
2	1-Pentene	70	C5H10	000109-67-1	64
3	Cyclopentane	70	C5H10	000287-92-3	50
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	40
5	2-Pentene	70	C5H10	000109-68-2	38





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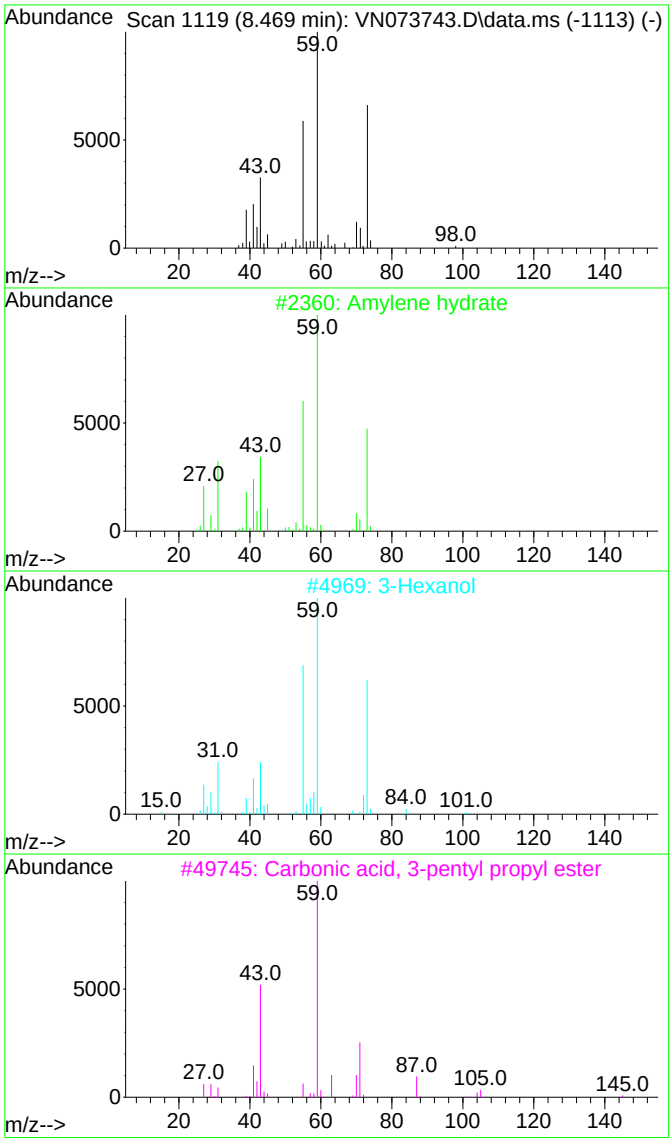
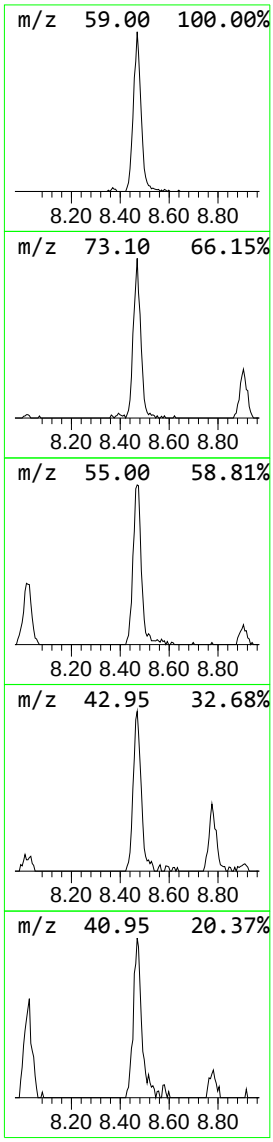
****

Peak Number 3 Amylene hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.469	6.24 ug/l	190921	1,4-Difluorobenzene	8.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	3-Hexanol	102	C6H14O	000623-37-0	42
3	Carbonic acid, 3-pentyl propyl e...	174	C9H18O3	1000325-64-0	38
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	37





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	3.081	6.9	ug/l	176889	1	8.016	1279190	50.0
Cyclobutane, me...	5.104	7.0	ug/l	179771	1	8.016	1279190	50.0
Amylene hydrate	8.469	6.2	ug/l	190921	2	8.904	1530660	50.0