LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
Data File : VX039219.D
Acq On : 14 Dec 2023 19:23
Operator : JC/MD
Sample : 05840-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231213055-02-VOA

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\82X121323W.M
Title : SW846 8260

Signal : TIC: VX039219.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	25	27	39	rVB	79318	103372	2.69%	0.732%
2	2.947	293	305	326	rBV	1633292	3637349	94.57%	25.745%
3	4.556	553	569	583	rBV	1190578	3846062	100.00%	27.223%
4	4.995	630	641	662	rBV	364718	1126062	29.28%	7.970%
5	5.379	692	704	715	rBV2	78110	234099	6.09%	1.657%
6	5.550	720	732	745	rVB	118474	336705	8.75%	2.383%
7	5.952	786	798	807	rBV	93144	247465	6.43%	1.752%
8	6.214	829	841	855	rVB4	37747	126763	3.30%	0.897%
9	6.757	919	930	944	rVV	217404	524724	13.64%	3.714%
10	8.574	1220	1228	1233	rBV2	31807	57709	1.50%	0.408%
11	8.647	1233	1240	1247	rVV	458980	731223	19.01%	5.176%
12	8.799	1260	1265	1277	rBV	33851	60964	1.59%	0.432%
13	9.372	1352	1359	1366	rVB2	25020	44754	1.16%	0.317%
14	10.049	1459	1470	1482	rBV	527632	789917	20.54%	5.591%
15	10.208	1490	1496	1502	rBV2	24469	57767	1.50%	0.409%
16	10.305	1508	1512	1518	rVB3	25238	39492	1.03%	0.280%
17	10.640	1563	1567	1572	rBV	36270	50966	1.33%	0.361%
18	11.079	1633	1639	1645	rBV	472012	605921	15.75%	4.289%
19	11.500	1704	1708	1714	rBV	55365	69889	1.82%	0.495%
20	11.884	1767	1771	1780	rVB	50706	68757	1.79%	0.487%
21	12.018	1788	1793	1800	rVB	632772	830497	21.59%	5.878%
22	12.244	1824	1830	1835	rBV2	24501	45243	1.18%	0.320%
23	12.762	1911	1915	1919	rVB2	39059	56595	1.47%	0.401%
24	12.902	1934	1938	1942	rVV	90206	118711	3.09%	0.840%
25	13.469	2026	2031	2035	rBV	99992	135941	3.53%	0.962%
26	13.585	2044	2050	2055	rBV3	42449	65620	1.71%	0.464%
27	13.768	2076	2080	2088	rVB3	43970	64268	1.67%	0.455%
28	13.920	2100	2105	2113	rBV2	32747	51295	1.33%	0.363%

Sum of corrected areas: 14128130

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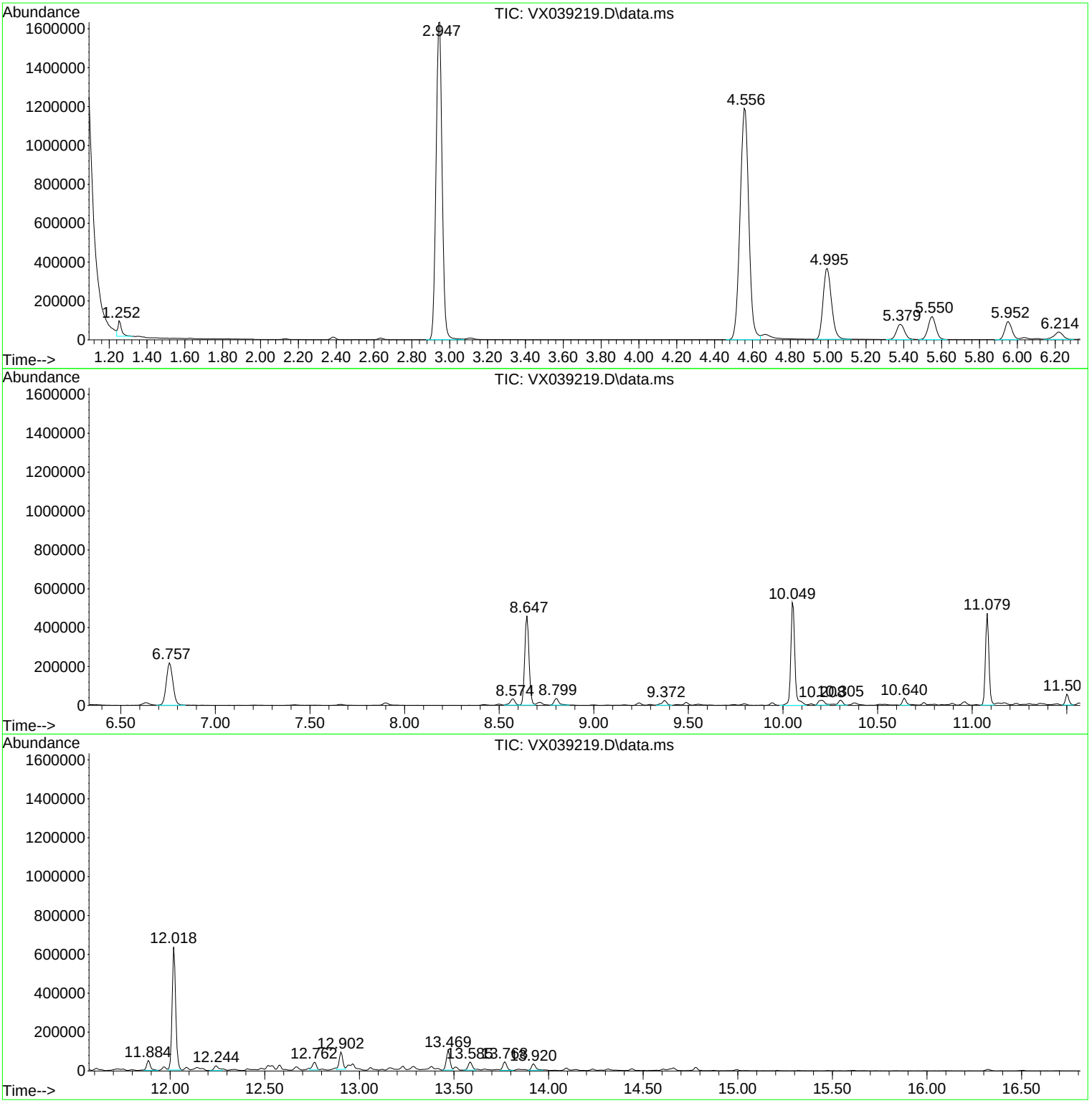
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260

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



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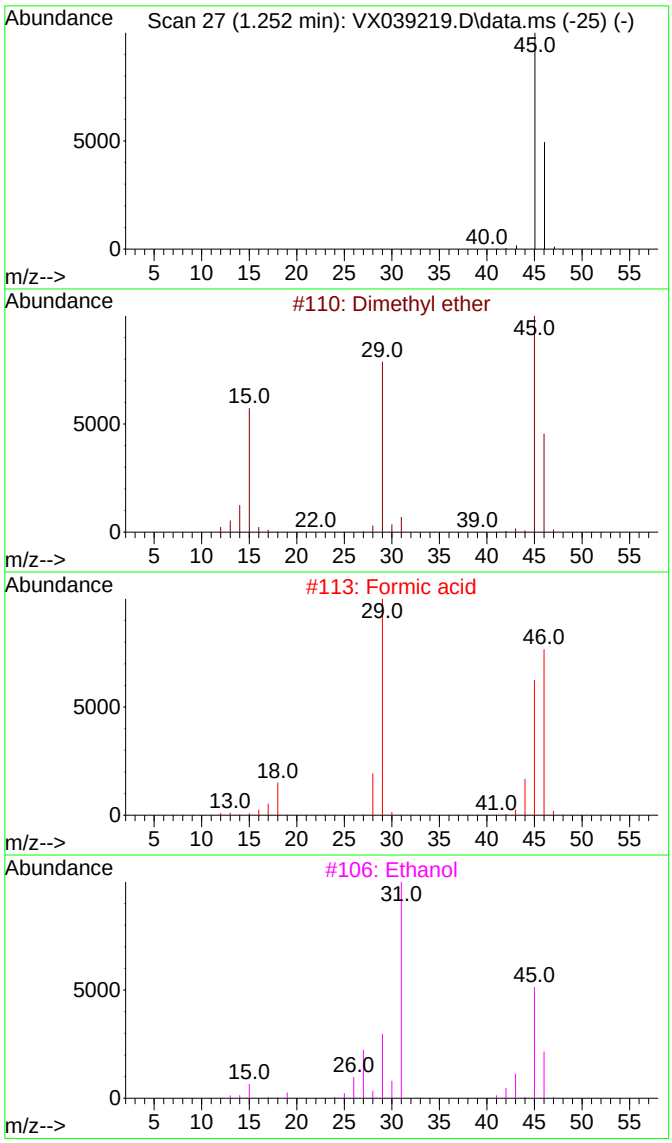
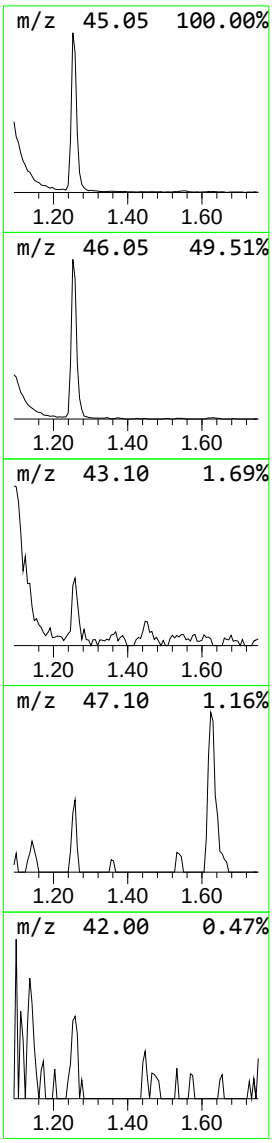
Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	15.35 ug/l	103372	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





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MSVOA_X
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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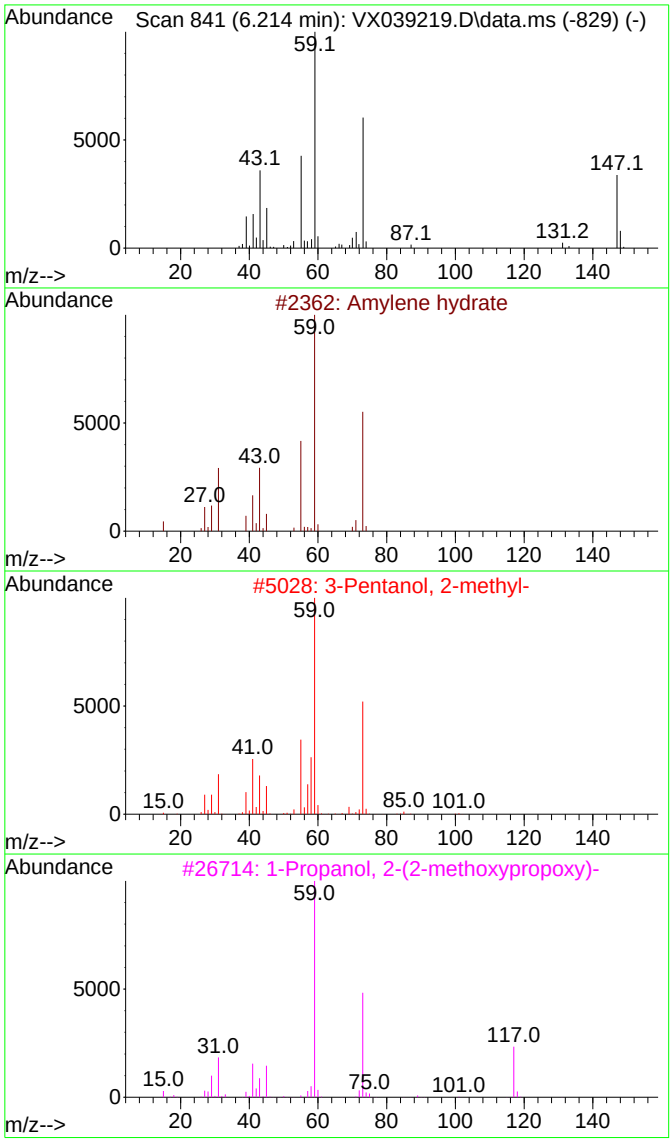
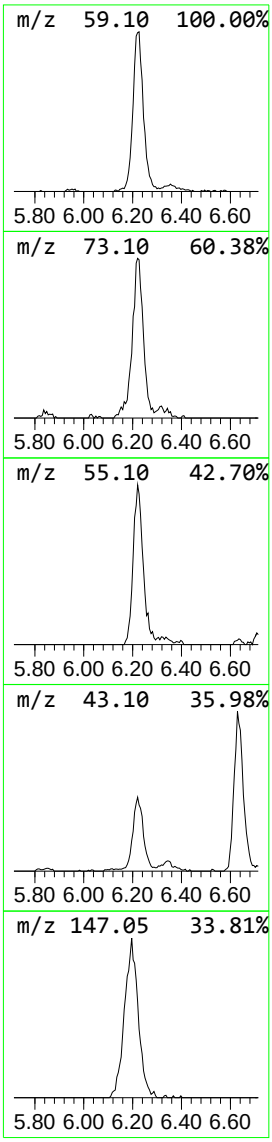
Peak Number 3 Amylene hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.214	12.08 ug/l	126763	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	59
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	59
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	53
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	40
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	38





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231213055-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260

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

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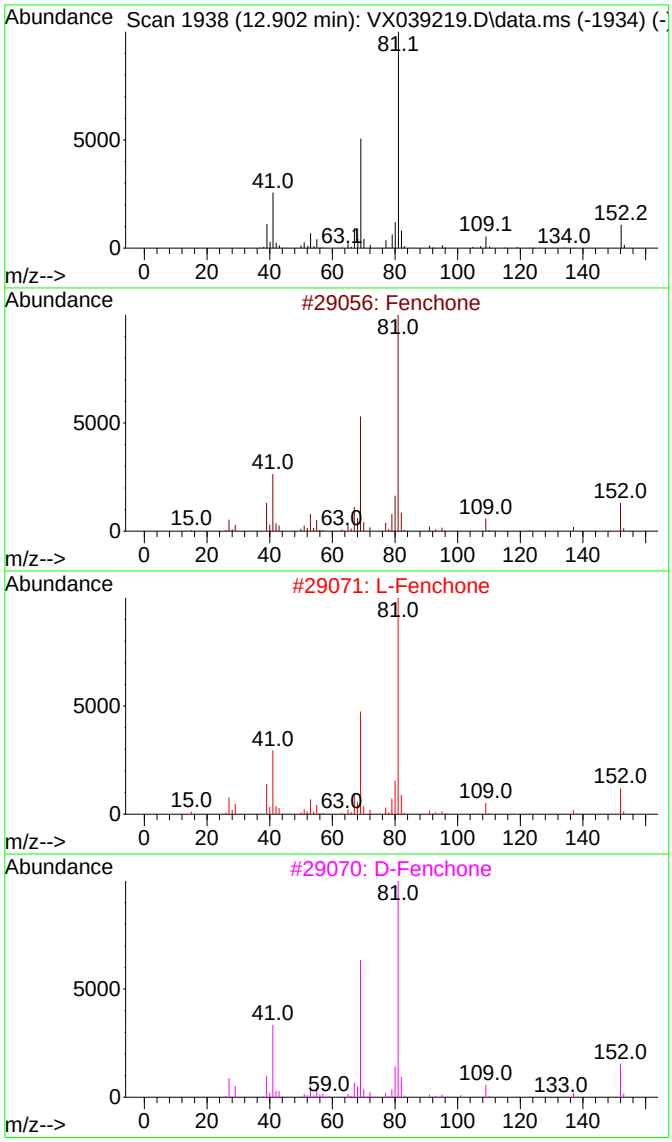
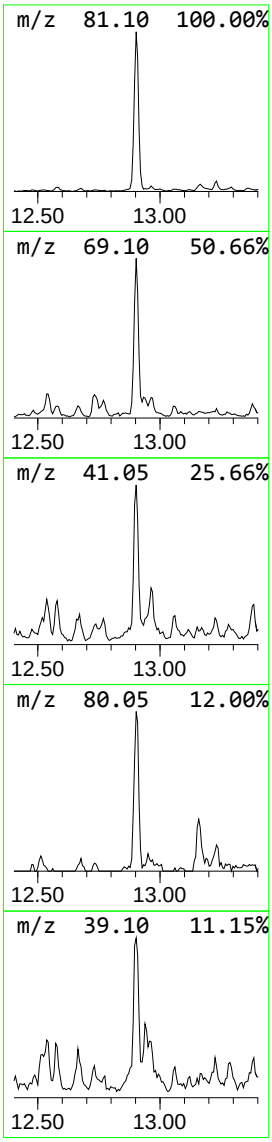
Peak Number 4 Fenchone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	7.15 ug/l	118711	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	L-Fenchone	152	C10H16O	007787-20-4	91
3	D-Fenchone	152	C10H16O	004695-62-9	91
4	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	42
5	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	40





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231213055-02-VOA

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Quant Title : SW846 8260

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

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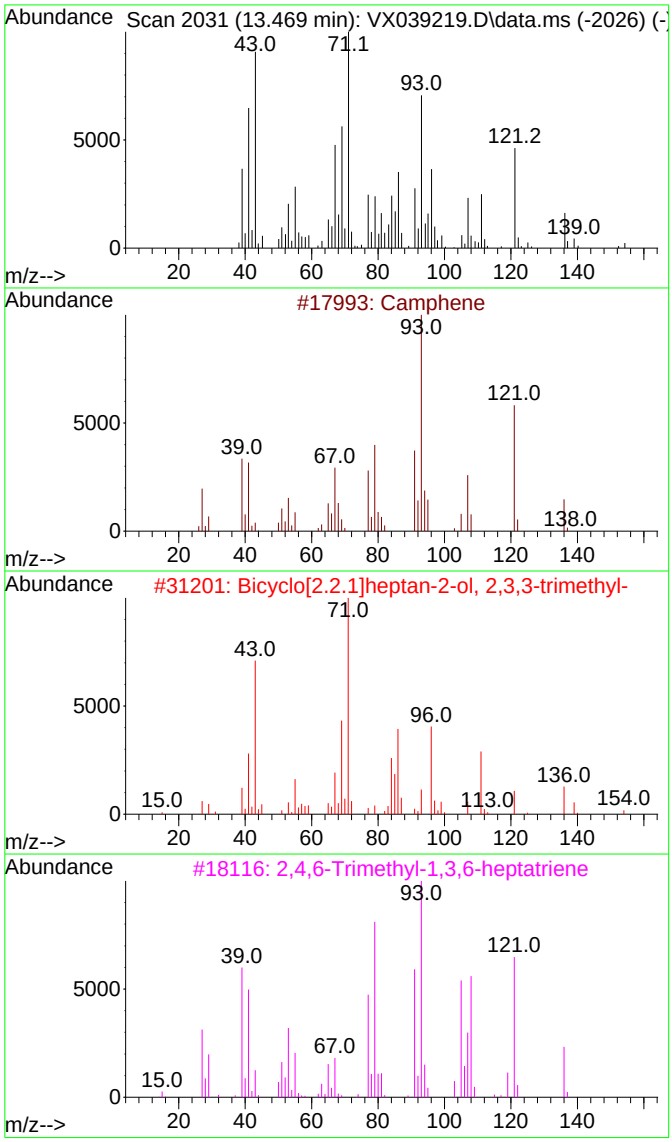
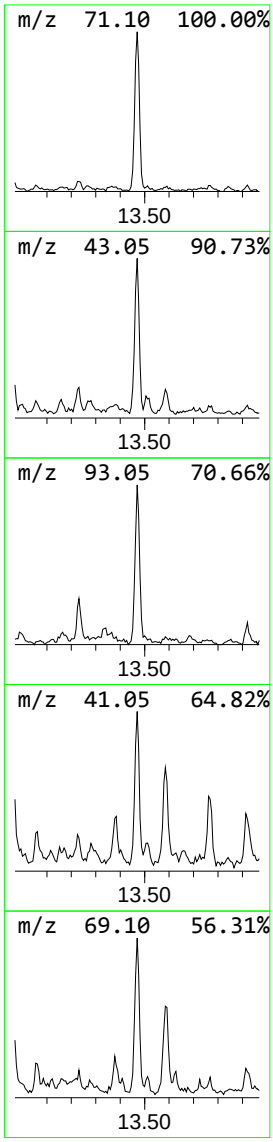
Peak Number 5 Camphene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	8.18 ug/l	135941	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	91
2	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	70
3	2,4,6-Trimethyl-1,3,6-heptatriene	136	C10H16	024648-33-7	44
4	Bicyclo[3.1.0]hexan-2-ol, 2-meth...	154	C10H18O	015537-55-0	42
5	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	30





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.252	15.4	ug/l	103372	1	5.550	336705	50.0
Amylene hydrate	6.214	12.1	ug/l	126763	2	6.757	524724	50.0
Fenchone	12.902	7.2	ug/l	118711	4	12.018	830497	50.0
Camphene	13.469	8.2	ug/l	135941	4	12.018	830497	50.0