LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
Data File : VX039720.D
Acq On : 11 Jan 2024 13:21
Operator : JC/MD
Sample : P1103-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240110062-02-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\82X011024W.M
Title : SW846 8260

Signal : TIC: VX039720.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	41	rVB	43721	70985	2.51%	0.659%
2	2.386	205	213	221	rBV2	16887	30466	1.08%	0.283%
3	2.995	296	313	328	rBV	927286	2829538	100.00%	26.253%
4	4.611	560	578	609	rBV	694754	2566277	90.70%	23.810%
5	5.001	631	642	664	rBV	296364	936092	33.08%	8.685%
6	5.379	694	704	717	rBV	59616	176007	6.22%	1.633%
7	5.544	721	731	747	rVB	93950	273913	9.68%	2.541%
8	5.952	789	798	807	rBV	71384	191101	6.75%	1.773%
9	6.257	842	848	858	rVB4	16920	47390	1.67%	0.440%
10	6.757	921	930	949	rBV	167369	403446	14.26%	3.743%
11	8.647	1233	1240	1247	rBV	349955	549560	19.42%	5.099%
12	8.805	1260	1266	1272	rBV	20020	33624	1.19%	0.312%
13	9.378	1352	1360	1368	rBV	50801	82688	2.92%	0.767%
14	10.055	1461	1471	1483	rBV	381243	567738	20.06%	5.268%
15	10.195	1490	1494	1505	rVV2	25411	48833	1.73%	0.453%
16	10.299	1505	1511	1519	rVV	41243	65383	2.31%	0.607%
17	10.640	1563	1567	1580	rBV	32252	46884	1.66%	0.435%
18	11.079	1634	1639	1645	rBV	304396	399190	14.11%	3.704%
19	11.866	1760	1768	1770	rBV	30826	47689	1.69%	0.442%
20	12.018	1787	1793	1801	rVB	382901	527821	18.65%	4.897%
21	12.524	1872	1876	1882	rBV5	16570	29184	1.03%	0.271%
22	12.579	1882	1885	1895	rVB2	27392	38011	1.34%	0.353%
23	12.762	1906	1915	1920	rBV2	24803	39773	1.41%	0.369%
24	12.902	1927	1938	1944	rBV	270178	354250	12.52%	3.287%
25	12.963	1944	1948	1960	rVB4	26623	47219	1.67%	0.438%
26	13.475	2027	2032	2036	rBV4	56146	91850	3.25%	0.852%
27	13.591	2046	2051	2061	rBV	107389	172558	6.10%	1.601%
28	13.774	2077	2081	2087	rVB2	23057	33713	1.19%	0.313%
29	13.932	2100	2107	2114	rBV5	16812	38142	1.35%	0.354%
30	14.097	2129	2134	2146	rVB4	22047	38767	1.37%	0.360%

Sum of corrected areas: 10778092

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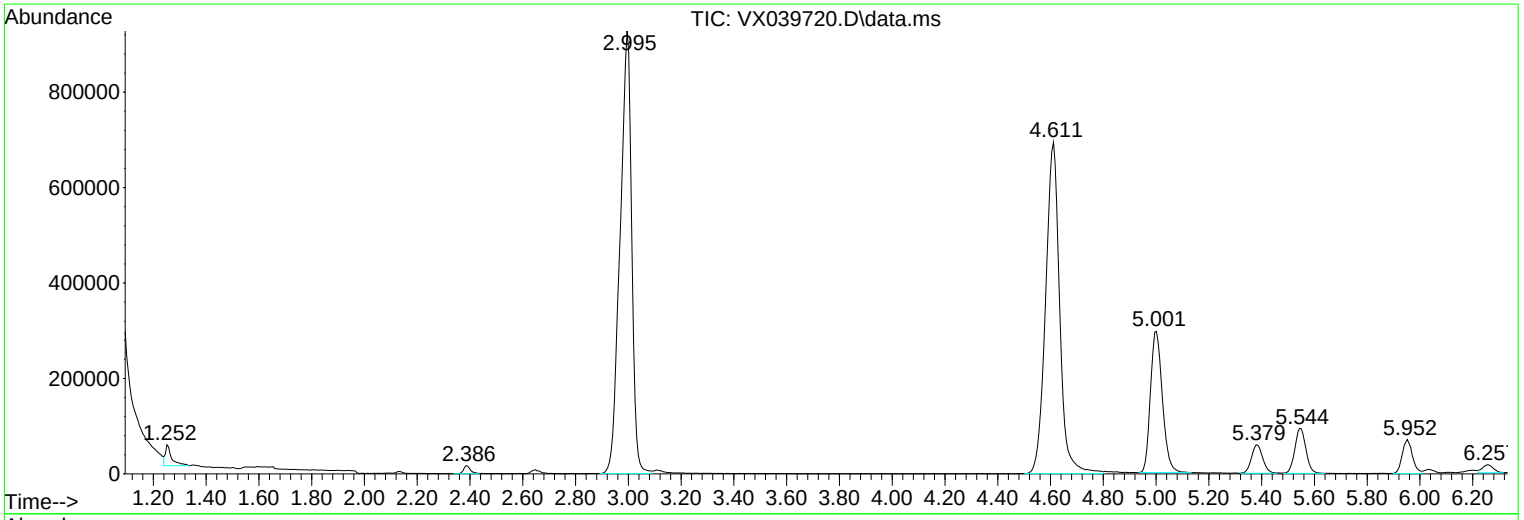
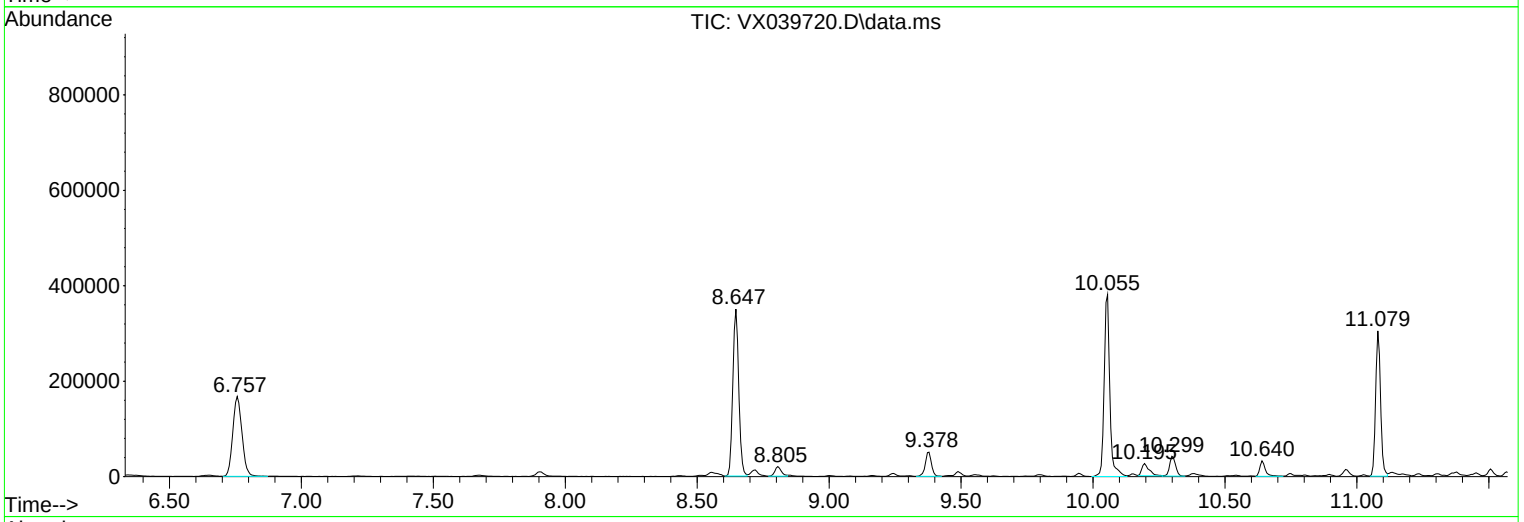
ALS Vial : 12 Sample Multiplier: 1

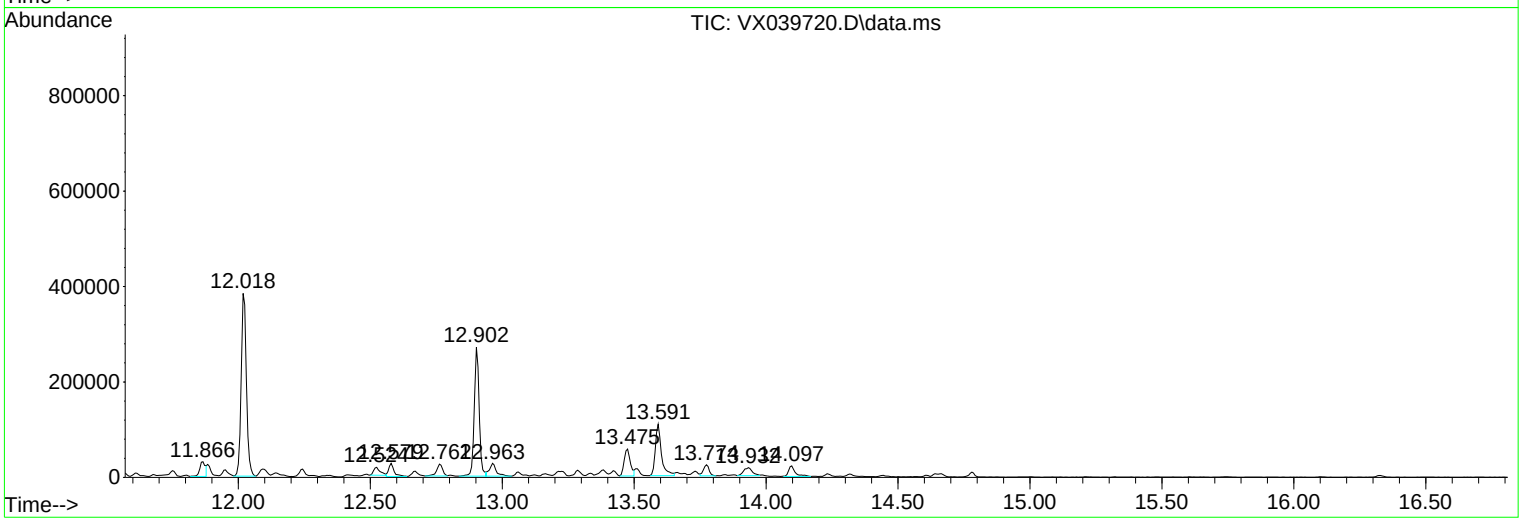
Instrument :
MSVOA_X
ClientSampleId :
240110062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260

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







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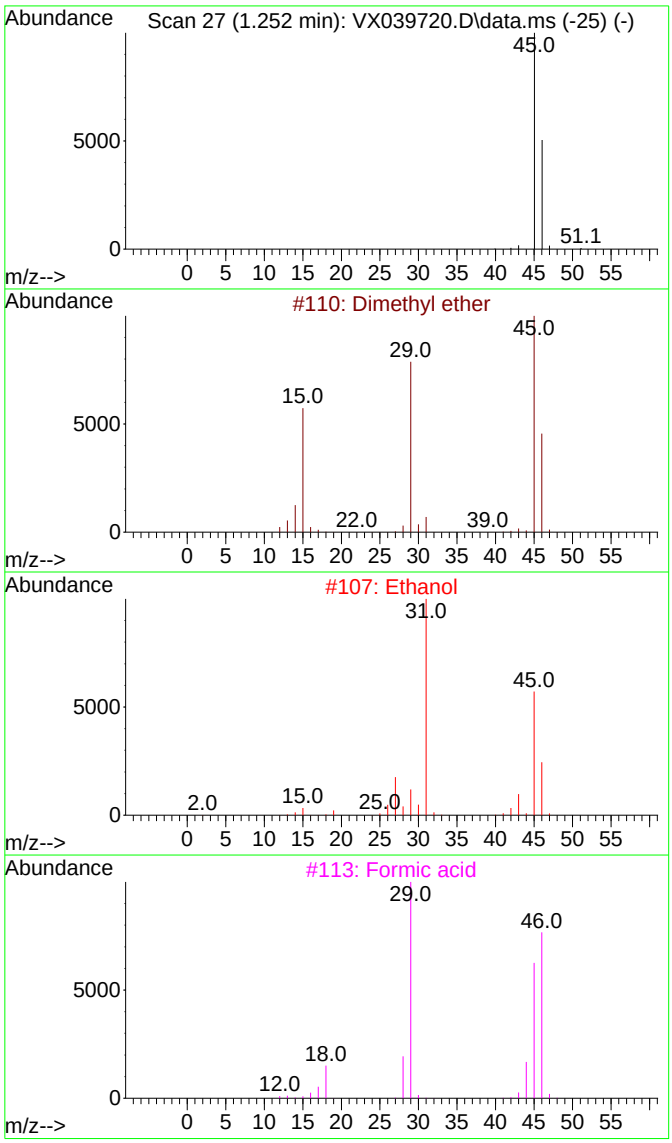
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

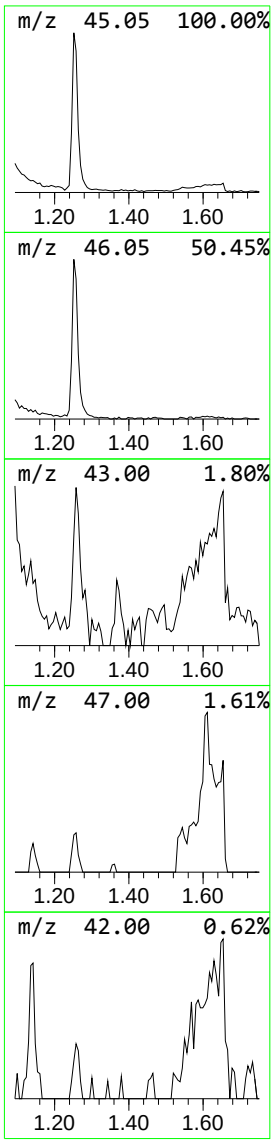
****

Peak Number 1 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.252	12.96 ug/l	70985	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Ethanol	46	C2H6O	000064-17-5	7
3	Formic acid	46	CH2O2	000064-18-6	7
4	Hydrazine, methyl-	46	CH6N2	000060-34-4	4
5	Ethene, fluoro-	46	C2H3F	000075-02-5	4





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Data File : VX039720.D
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Operator : JC/MD
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240110062-02-VOA

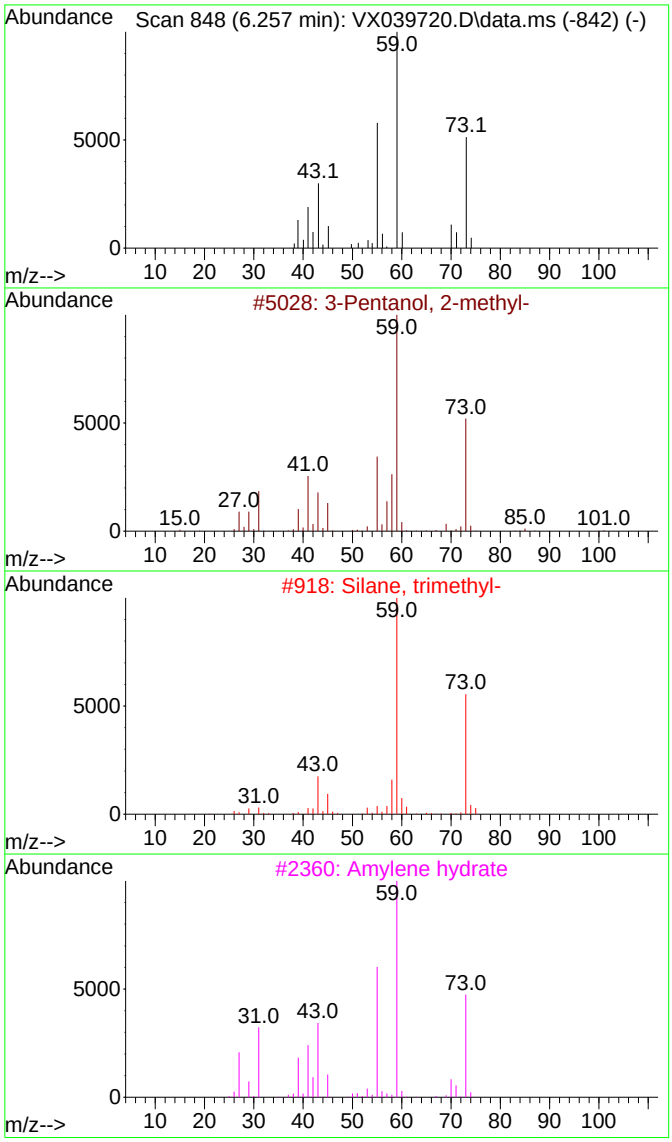
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260

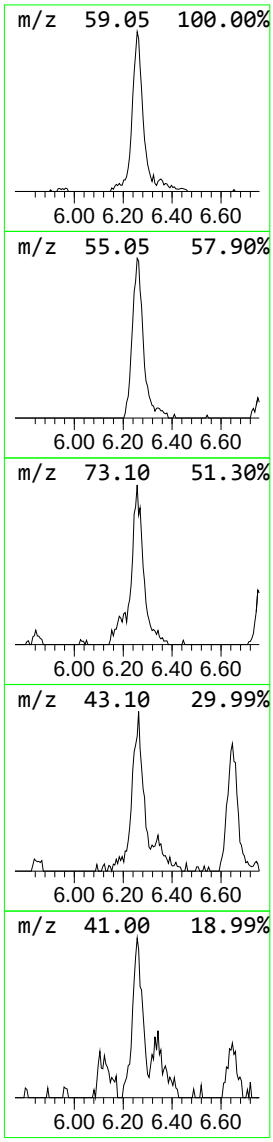
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Pentanol, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.257	5.87 ug/l	47390	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	72
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	64
3	Amylene hydrate	88	C5H12O	000075-85-4	64
4	3-Hexanol	102	C6H14O	000623-37-0	40
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9





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Acq On : 11 Jan 2024 13:21
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Instrument :
MSVOA_X
ClientSampleId :
240110062-02-VOA

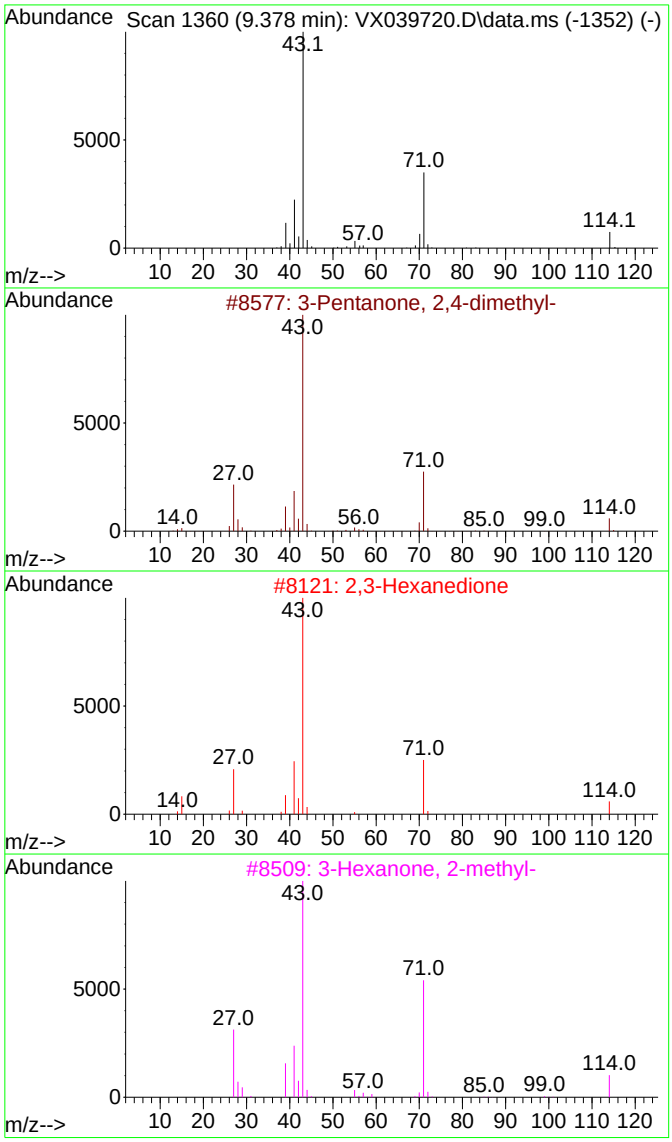
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260

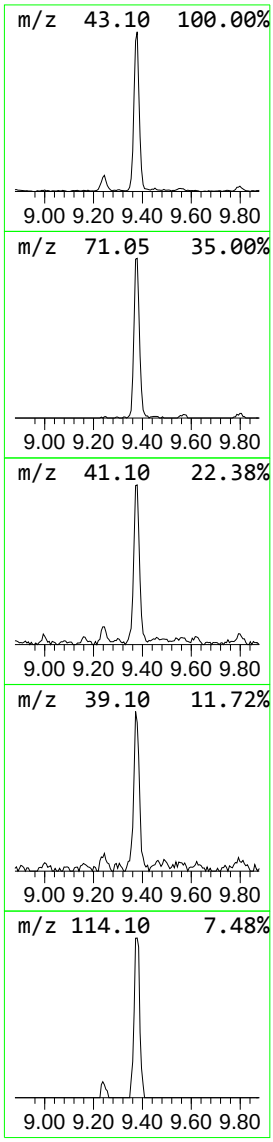
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	7.28 ug/l	82688	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	2,3-Hexanedione	114	C6H10O2	003848-24-6	64
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	59
4	4-Heptanone	114	C7H14O	000123-19-3	40
5	Pyrrolidine	71	C4H9N	000123-75-1	40





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Data File : VX039720.D
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240110062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260

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

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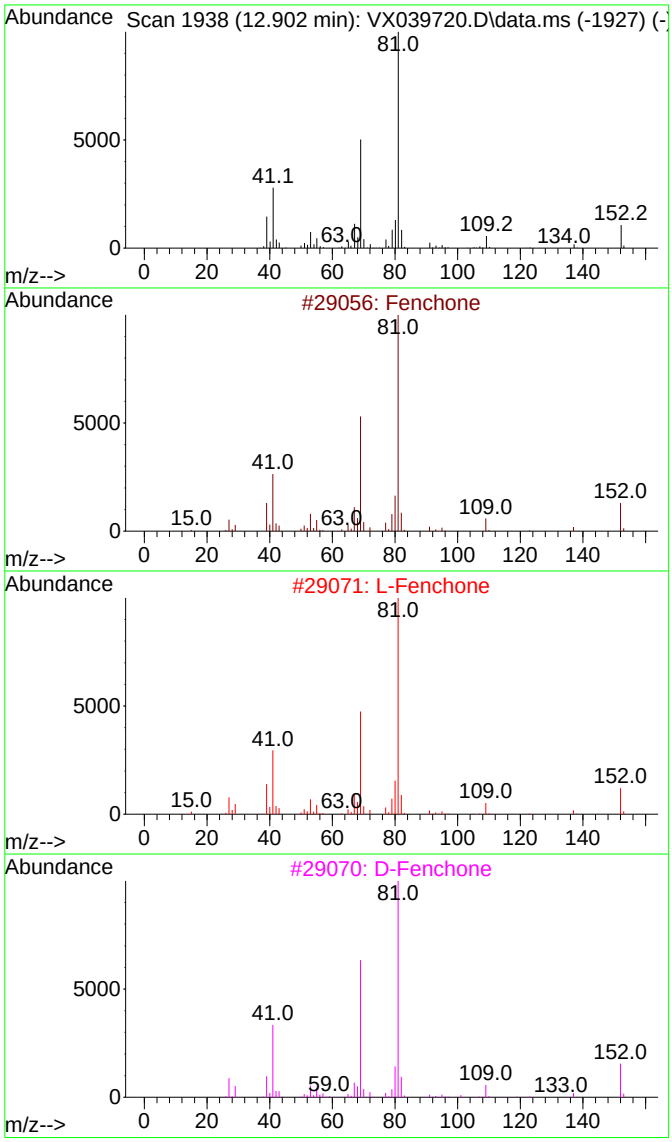
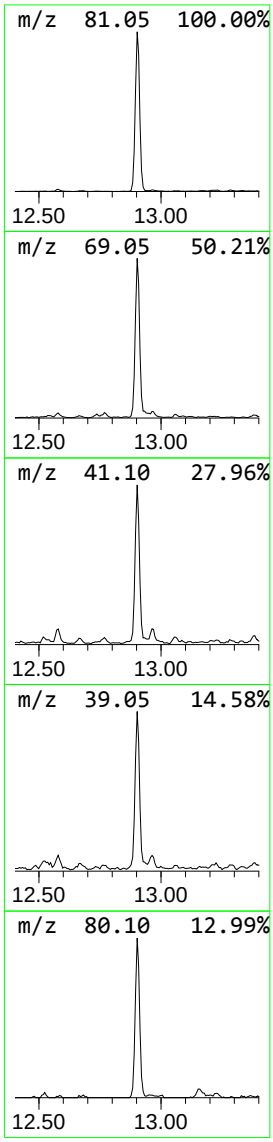
Peak Number 5 Fenchone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	33.56 ug/l	354250	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	95
3	D-Fenchone	152	C10H16O	004695-62-9	91
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	59
5	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	53





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240110062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260

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

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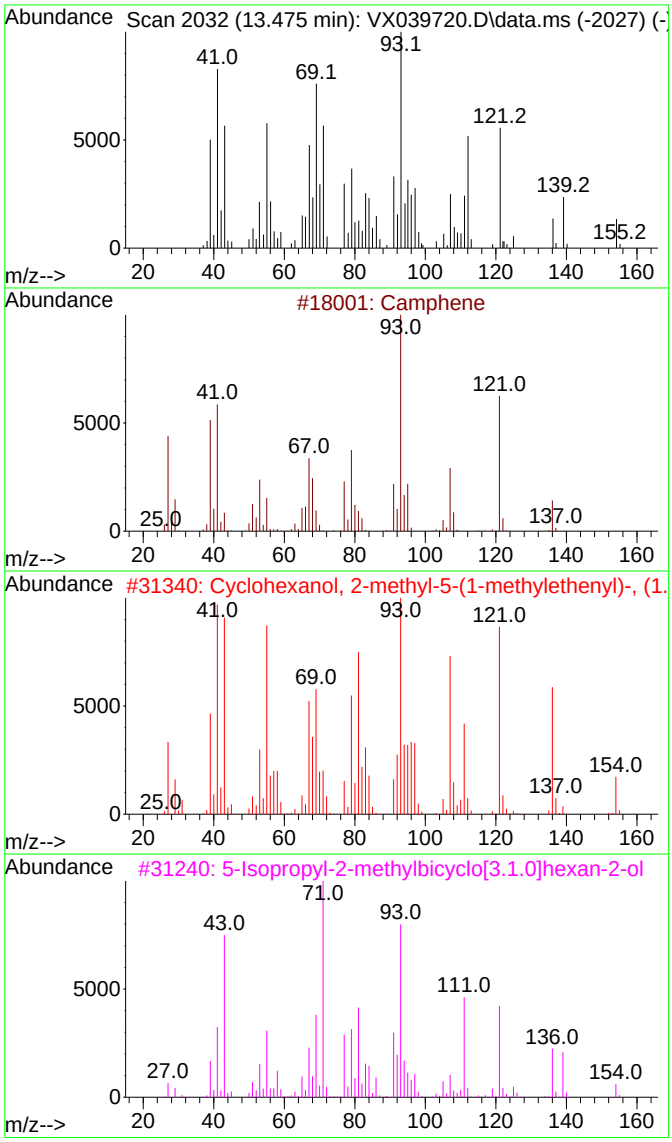
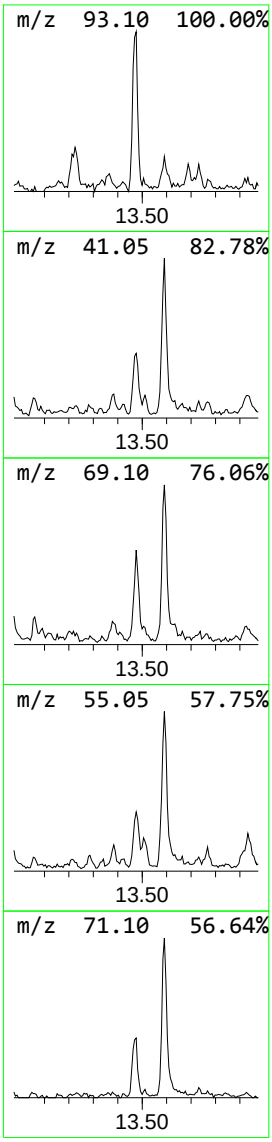
Peak Number 6 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	8.70 ug/l	91850	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	74
2	Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	038049-26-2	51
3	5-Isopropyl-2-methylbicyclo[3.1....	154	C10H18O	000546-79-2	41
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000491-07-6	35





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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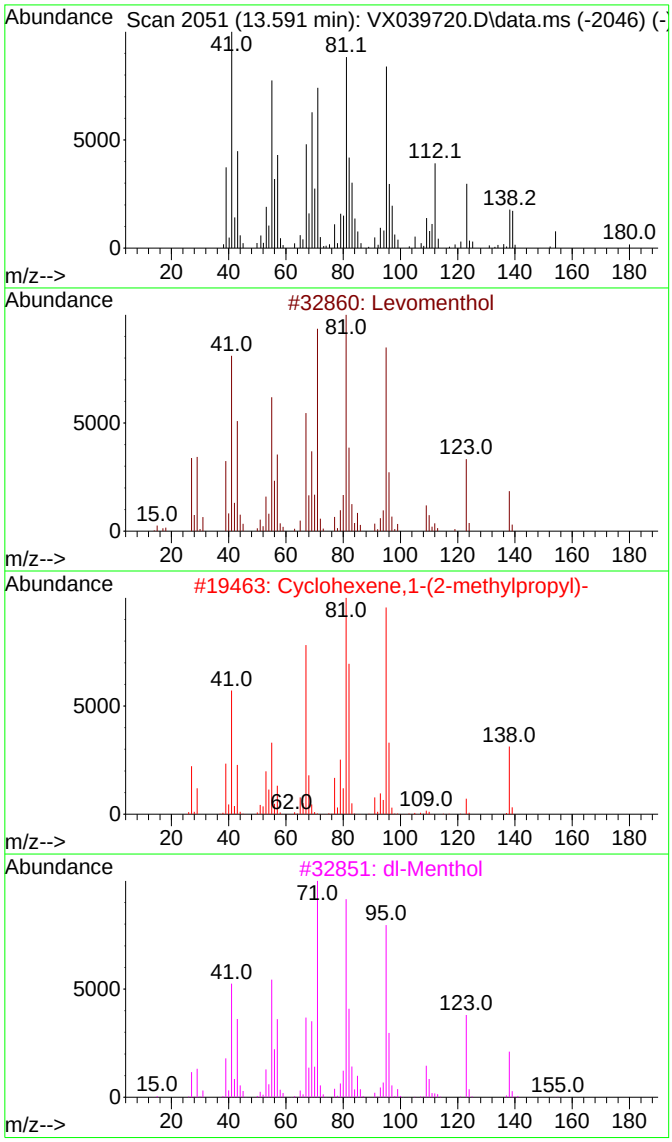
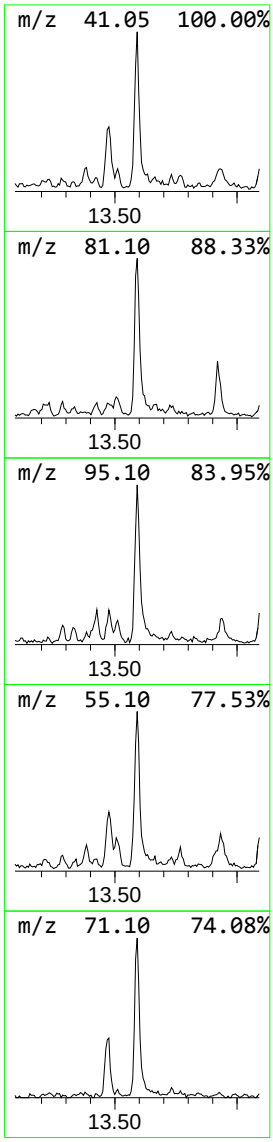
****

Peak Number 7 Levomenthol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	16.35 ug/l	172558	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Levomenthol	156	C10H20O	002216-51-5	83
2	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	78
3	dl-Menthol	156	C10H20O	000089-78-1	74
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	55
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	52





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.252	13.0	ug/l	70985	1	5.550	273913	50.0
3-Pentanol, 2-m...	6.257	5.9	ug/l	47390	2	6.757	403446	50.0
3-Pentanone, 2,...	9.378	7.3	ug/l	82688	3	10.055	567738	50.0
Fenchone	12.902	33.6	ug/l	354250	4	12.024	527821	50.0
Camphene	13.475	8.7	ug/l	91850	4	12.024	527821	50.0
Levomenthol	13.591	16.4	ug/l	172558	4	12.024	527821	50.0