LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
Data File : VN080679.D
Acq On : 11 Jan 2024 16:27
Operator : JC\MD
Sample : P1103-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240110062-02-VOA

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\624N011124W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN080679.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	53	58	64	rVB	47858	78842	2.81%	0.778%
2	4.442	415	423	435	rBV2	14460	45275	1.61%	0.447%
3	5.512	590	605	621	rBV2	650466	2321363	82.63%	22.895%
4	7.430	918	931	945	rBV	1036984	2809333	100.00%	27.708%
5	7.547	945	951	959	rVB2	15118	40796	1.45%	0.402%
6	7.836	988	1000	1015	rBV2	457703	1263101	44.96%	12.458%
7	8.583	1118	1127	1136	rBV3	83652	255313	9.09%	2.518%
8	8.653	1136	1139	1149	rVB4	23179	47391	1.69%	0.467%
9	9.100	1206	1215	1225	rBV	136915	293583	10.45%	2.896%
10	10.435	1433	1442	1452	rVB7	13012	32372	1.15%	0.319%
11	10.565	1457	1464	1471	rBV	254201	477180	16.99%	4.706%
12	10.653	1471	1479	1492	rVB5	32243	93900	3.34%	0.926%
13	11.171	1556	1567	1575	rBV	83080	147082	5.24%	1.451%
14	11.776	1662	1670	1675	rVV6	15552	37133	1.32%	0.366%
15	11.865	1675	1685	1694	rVV	250892	487177	17.34%	4.805%
16	11.965	1694	1702	1710	rVB3	48205	109561	3.90%	1.081%
17	12.065	1710	1719	1729	rBV4	56398	130604	4.65%	1.288%
18	12.400	1769	1776	1781	rBV2	52688	93010	3.31%	0.917%
19	12.694	1820	1826	1832	rVB5	23653	41231	1.47%	0.407%
20	12.847	1845	1852	1860	rVB	220087	388625	13.83%	3.833%
21	13.188	1903	1910	1916	rBV7	16308	36194	1.29%	0.357%
22	13.482	1949	1960	1966	rBV5	19568	52510	1.87%	0.518%
23	13.600	1974	1980	1988	rBV4	56255	112861	4.02%	1.113%
24	13.688	1988	1995	1998	rBV7	17935	34477	1.23%	0.340%
25	13.729	1998	2002	2006	rVB2	21412	32333	1.15%	0.319%
26	13.817	2012	2017	2021	rBV3	32121	60784	2.16%	0.599%
27	13.865	2021	2025	2035	rVB9	15184	39012	1.39%	0.385%
28	14.000	2043	2048	2057	rBV4	16991	34226	1.22%	0.338%
29	14.247	2084	2090	2096	rBV4	54697	103598	3.69%	1.022%
30	14.294	2096	2098	2105	rVB2	19812	32522	1.16%	0.321%
31	14.447	2110	2124	2133	rBV7	25803	76518	2.72%	0.755%
32	14.670	2157	2162	2169	rVB	189915	331211	11.79%	3.267%

Sum of corrected areas: 10139118

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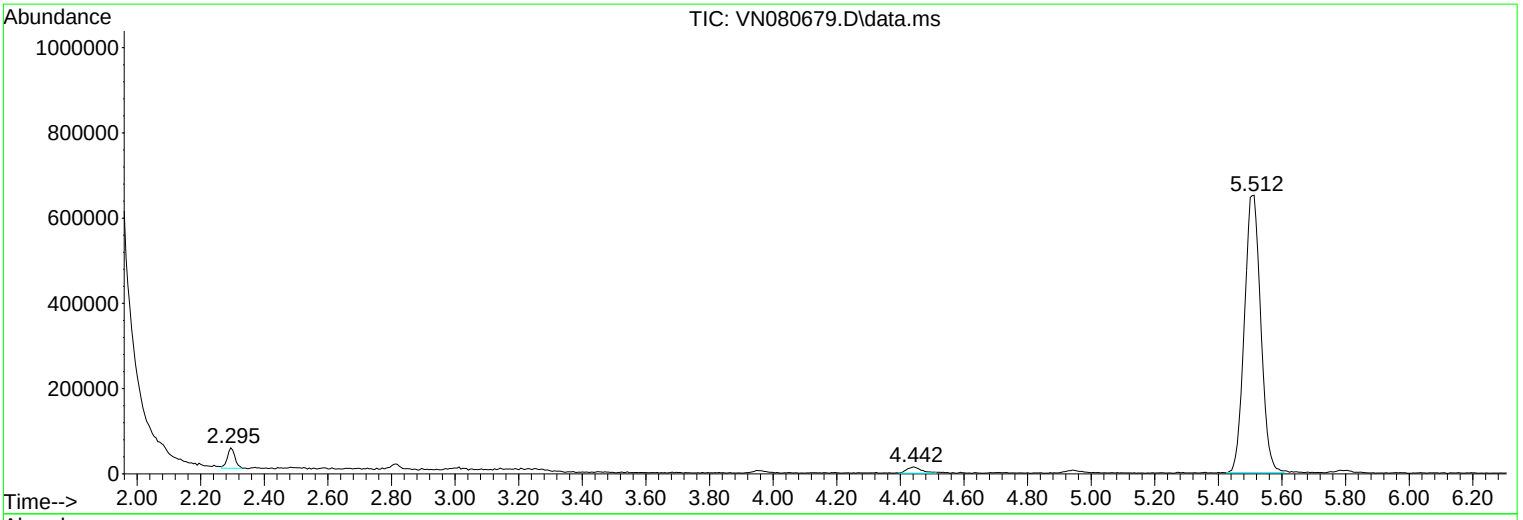
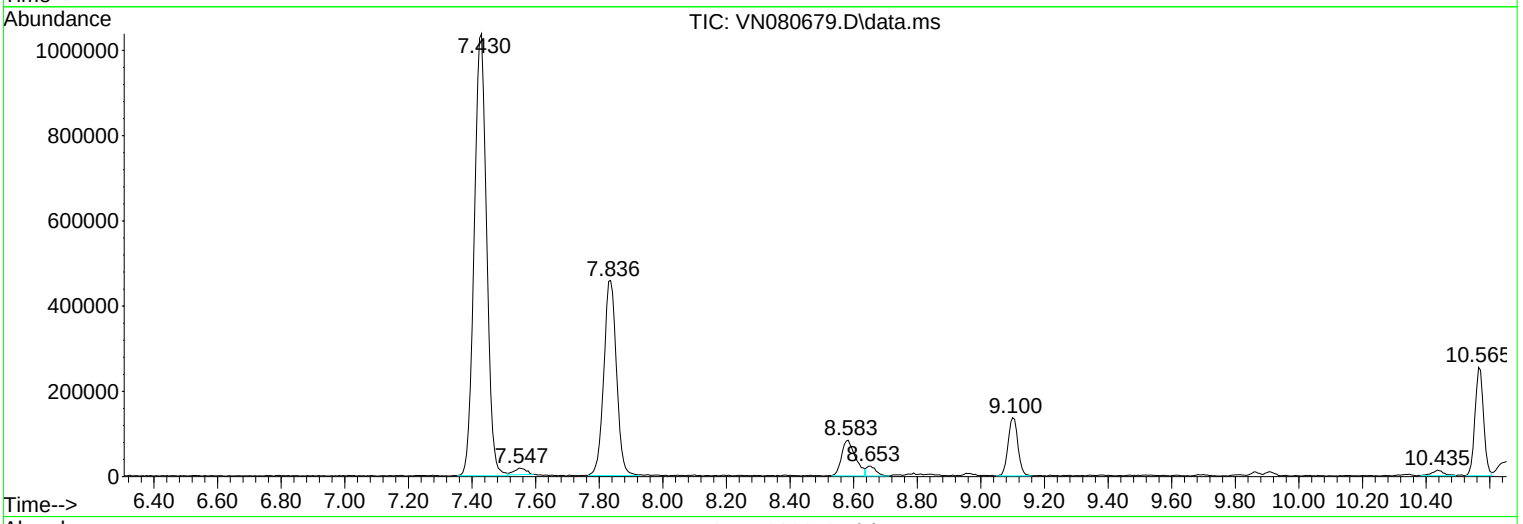
ALS Vial : 16 Sample Multiplier: 1

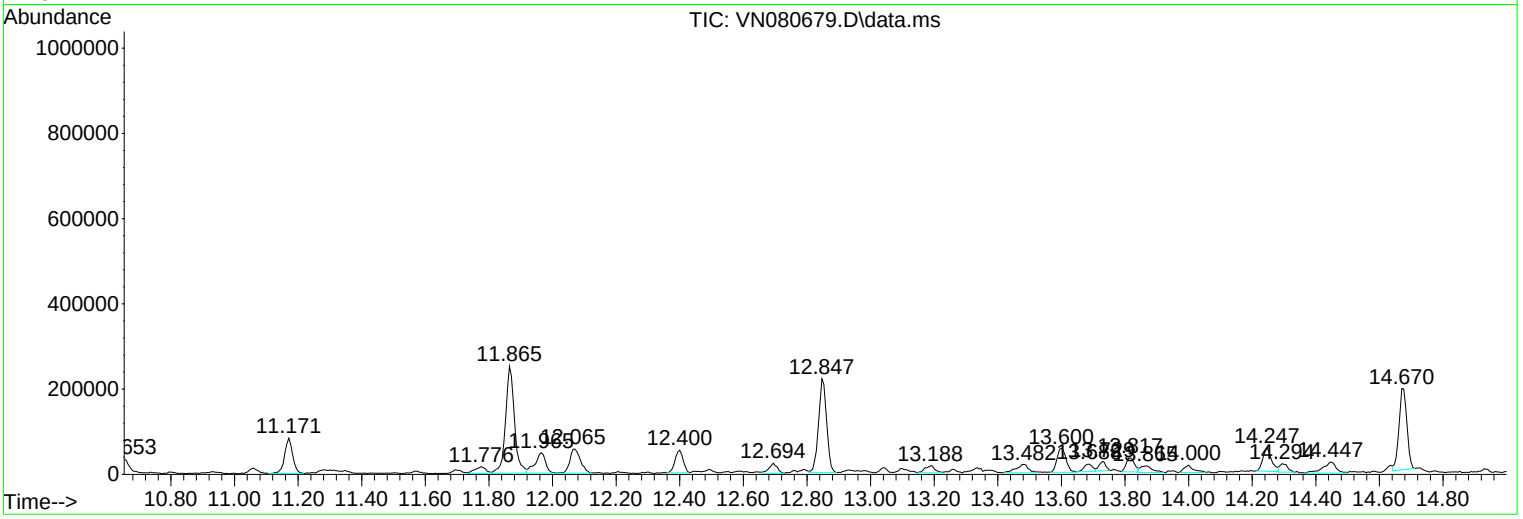
Instrument :
MSVOA_N
ClientSampleId :
240110062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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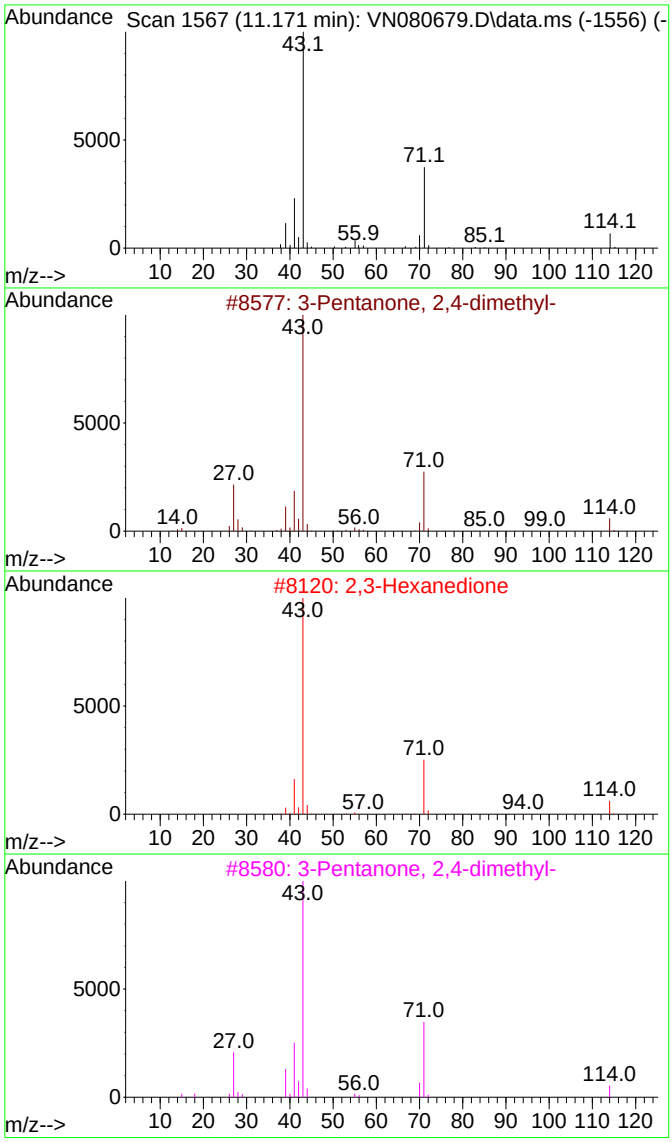
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

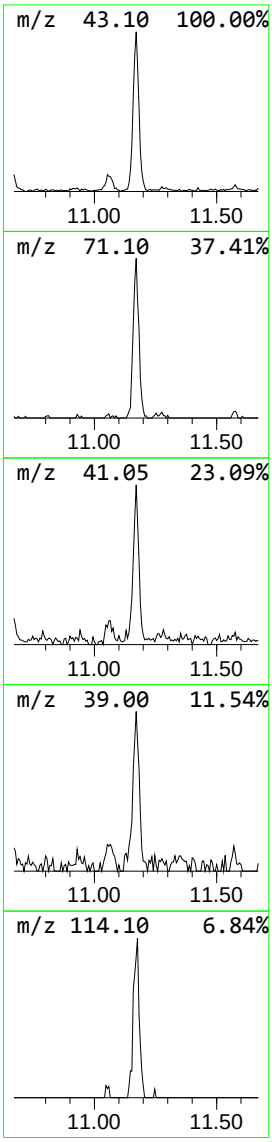
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.171	9.06 ug/l	147082	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72
2	2,3-Hexanedione	114	C6H10O2	003848-24-6	59
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	59
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	59
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	50





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Instrument :
MSVOA_N
ClientSampleId :
240110062-02-VOA

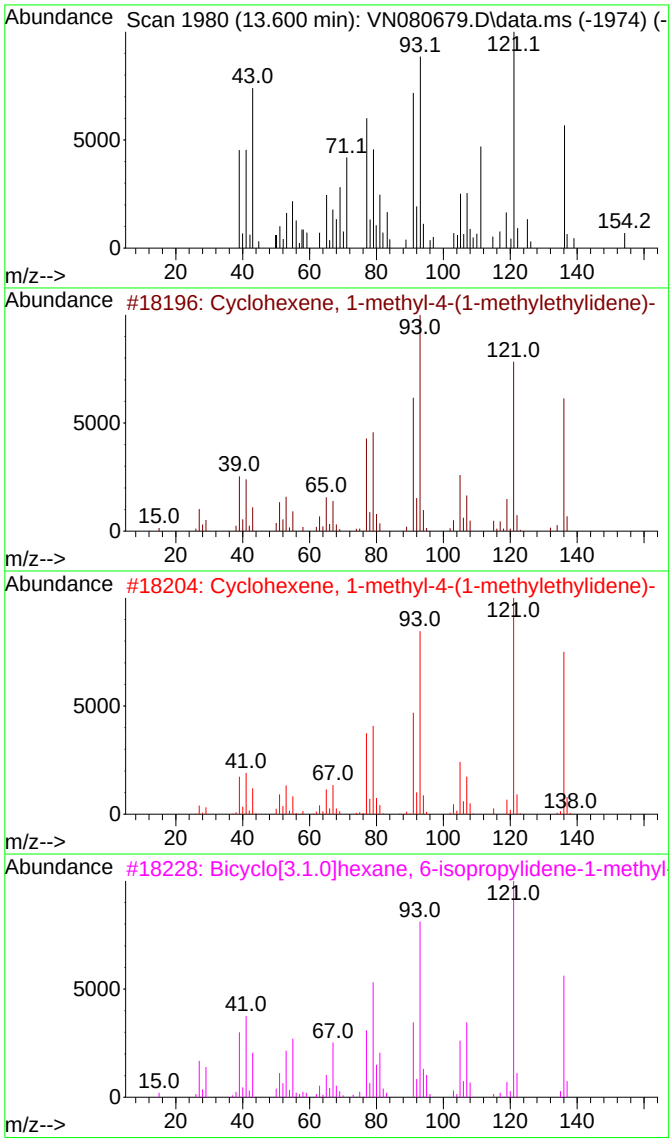
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

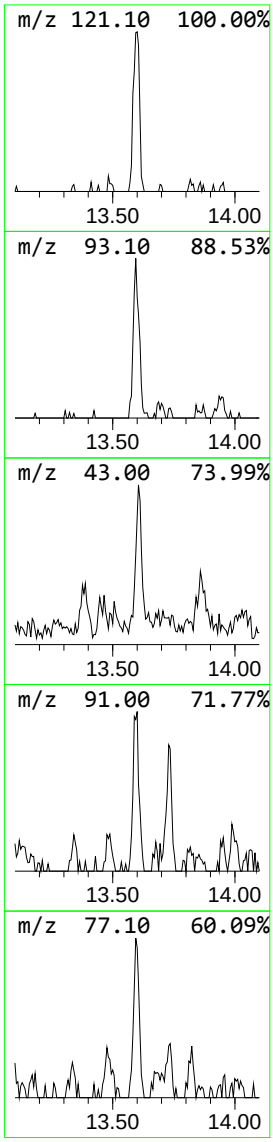
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.600	6.95 ug/l	112861	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	96
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	93
3	Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	91
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	83
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	70





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Data File : VN080679.D
Acq On : 11 Jan 2024 16:27
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240110062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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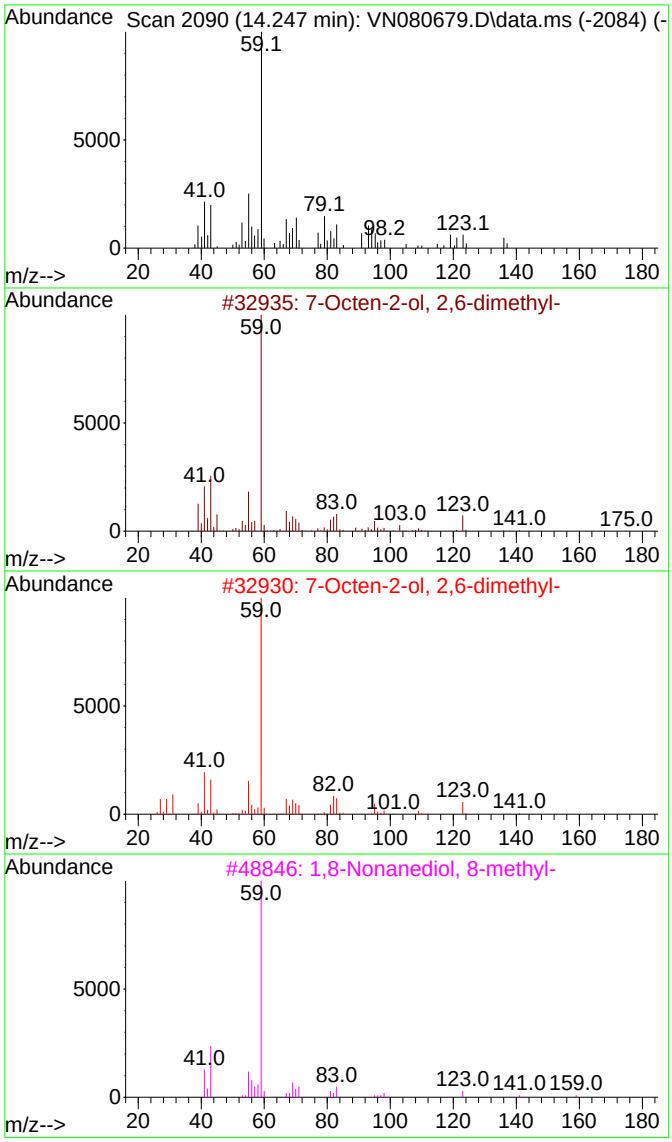
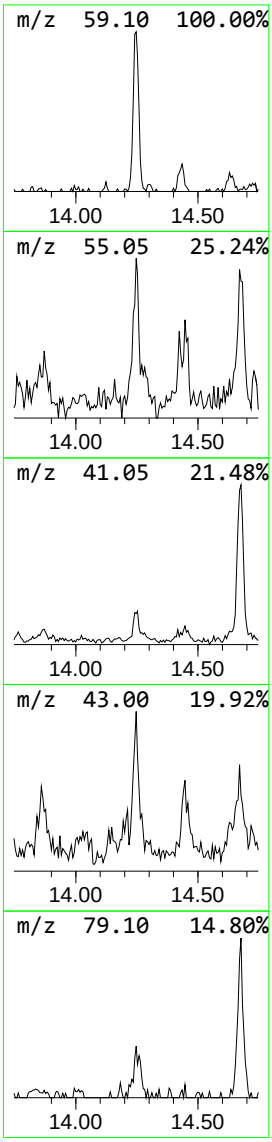
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	6.38 ug/l	103598	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	53
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	53
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	50
4	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	50
5	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	42





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Sample : P1103-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
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TIC Library : C:\Database\NIST20.L
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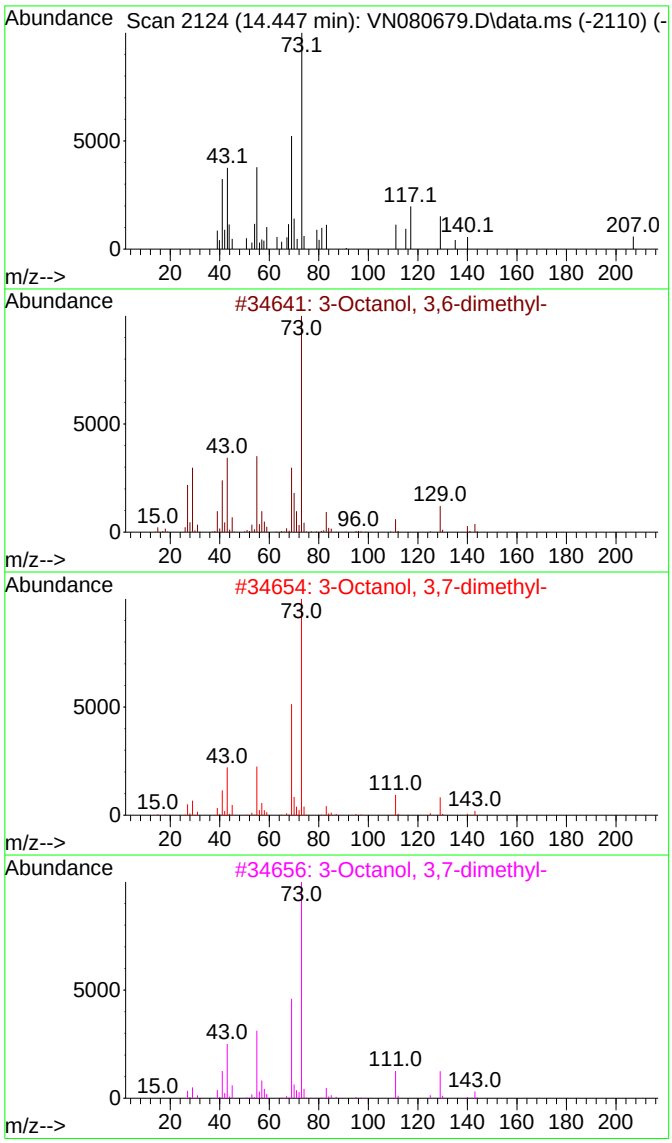
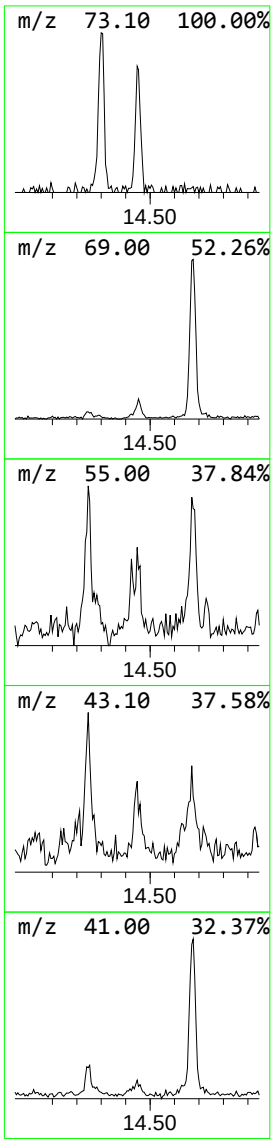
****

Peak Number 6 unknown14.447 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	4.71 ug/l	76518	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	38
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	25
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	25
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	25
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	17





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
240110062-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
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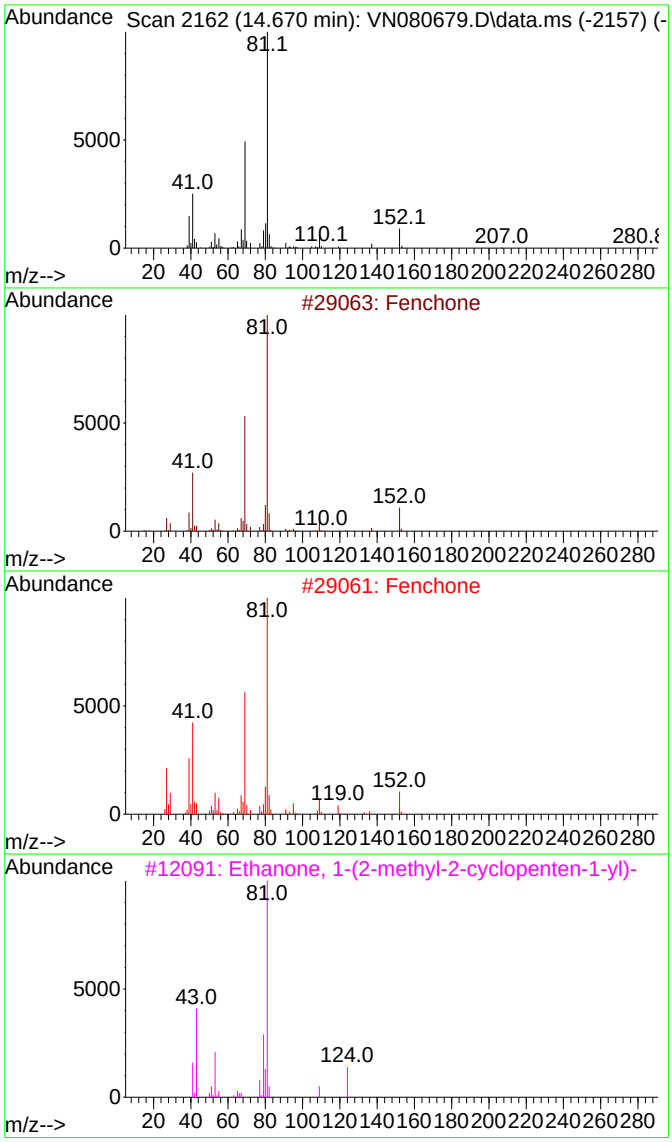
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

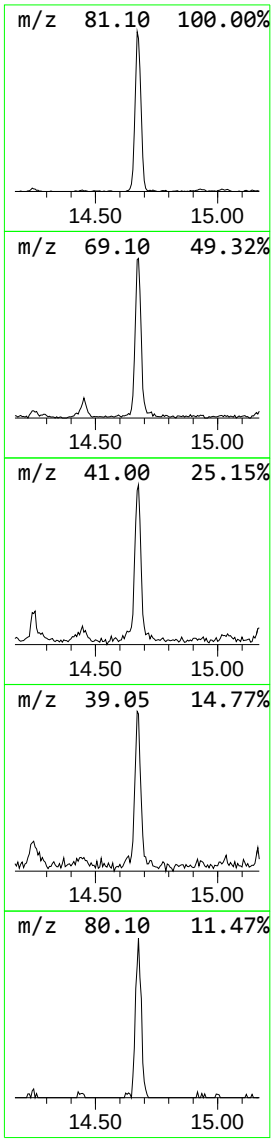
****

Peak Number 7 Fenchone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	20.40 ug/l	331211	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	Fenchone	152	C10H16O	001195-79-5	90
3	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	45
4	L-Fenchone	152	C10H16O	007787-20-4	42
5	D-Fenchone	152	C10H16O	004695-62-9	38





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Pentanone, 2,...	11.171	9.1	ug/l	147082	3	11.865	487177	30.0
Cyclohexene, 1-...	13.600	7.0	ug/l	112861	3	11.865	487177	30.0
7-Octen-2-ol, 2...	14.247	6.4	ug/l	103598	3	11.865	487177	30.0
unknown14.447	14.447	4.7	ug/l	76518	3	11.865	487177	30.0
Fenchone	14.670	20.4	ug/l	331211	3	11.865	487177	30.0