LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092223\
Data File : VN079332.D
Acq On : 22 Sep 2023 11:48
Operator : JC\MD
Sample : 04554-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230920054-02-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\624N090723W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079332.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.300	53	59	67	rVB	100568	161324	4.27%	1.215%
2	4.441	413	423	436	rBV3	25203	76761	2.03%	0.578%
3	5.524	591	607	626	rBV	878910	3041565	80.54%	22.902%
4	7.435	919	932	947	rBV	1412804	3776318	100.00%	28.434%
5	7.559	949	953	965	rVB	26830	69142	1.83%	0.521%
6	7.841	987	1001	1028	rVB2	679327	1922967	50.92%	14.479%
7	8.582	1116	1127	1136	rBV3	113913	341862	9.05%	2.574%
8	8.659	1136	1140	1150	rVB2	31174	71355	1.89%	0.537%
9	9.106	1207	1216	1230	rBV	214263	434779	11.51%	3.274%
10	10.571	1457	1465	1472	rBV	331702	611243	16.19%	4.602%
11	10.647	1472	1478	1491	rVB2	51084	148347	3.93%	1.117%
12	11.176	1559	1568	1576	rBV	116506	218242	5.78%	1.643%
13	11.870	1675	1686	1694	rBV	285941	553591	14.66%	4.168%
14	11.970	1700	1703	1710	rVB4	21070	38325	1.01%	0.289%
15	12.070	1710	1720	1731	rBV	89683	199075	5.27%	1.499%
16	12.400	1769	1776	1783	rBV	74705	137248	3.63%	1.033%
17	12.853	1845	1853	1861	rVB	179499	329001	8.71%	2.477%
18	13.488	1950	1961	1968	rBV2	36007	78381	2.08%	0.590%
19	13.611	1975	1982	1989	rBV2	45216	79797	2.11%	0.601%
20	13.817	2012	2017	2021	rBV2	41429	73234	1.94%	0.551%
21	13.859	2021	2024	2037	rVB7	31132	72336	1.92%	0.545%
22	14.000	2043	2048	2057	rBV4	26492	52998	1.40%	0.399%
23	14.247	2084	2090	2096	rBV4	40163	82768	2.19%	0.623%
24	14.453	2112	2125	2132	rVB6	26081	72693	1.92%	0.547%
25	14.676	2157	2163	2176	rVB	347002	637653	16.89%	4.801%

Sum of corrected areas: 13281005

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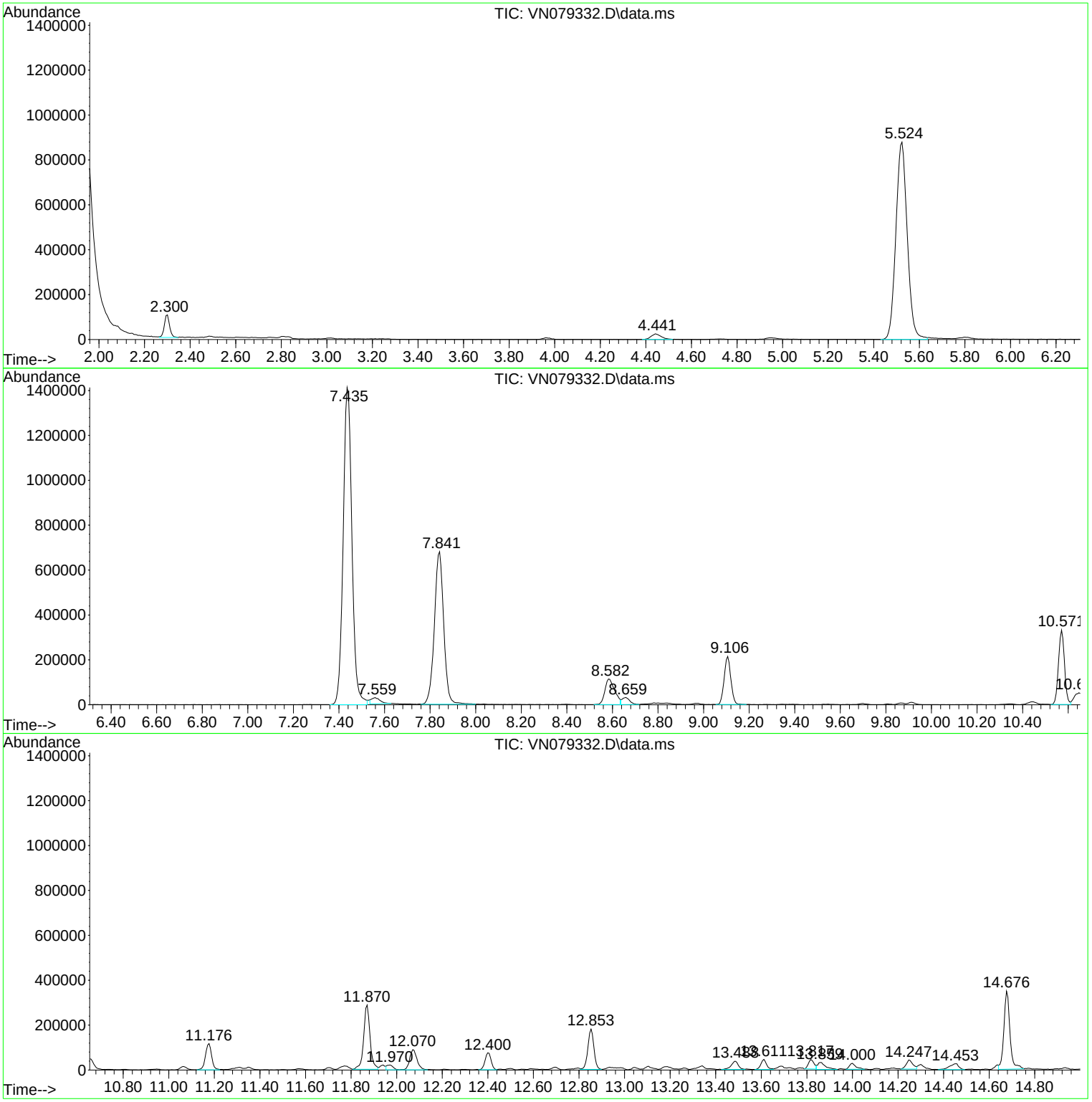
ClientSampleId :
230920054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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ClientSampleId :
230920054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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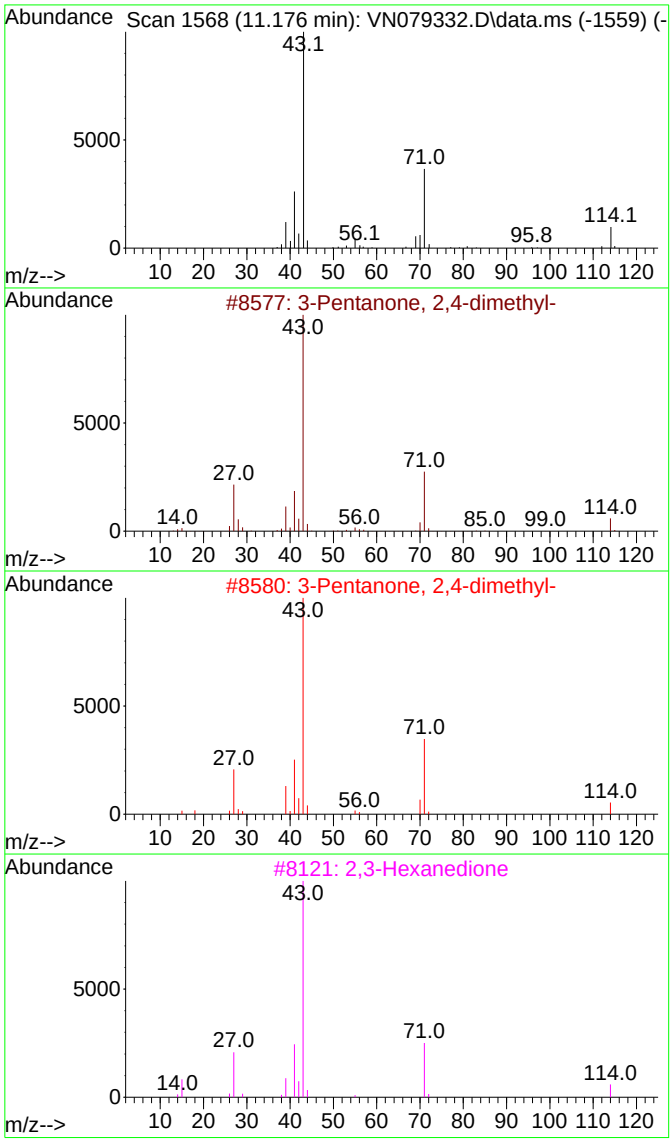
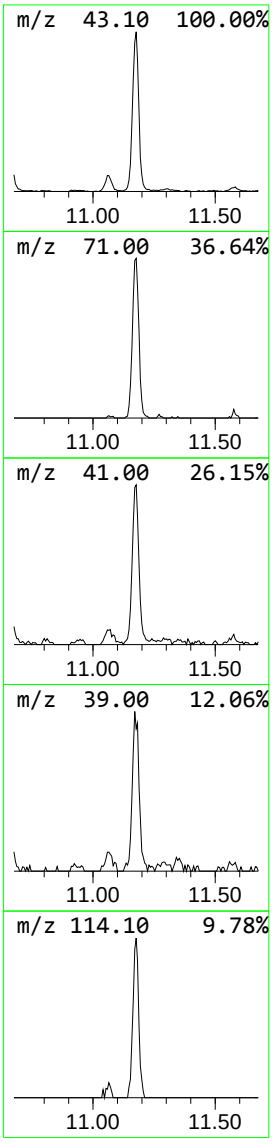
Peak Number 2 3-Pentanone, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.176	11.83 ug/l	218242	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	64
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	64
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	64





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Instrument :
MSVOA_N
ClientSampleId :
230920054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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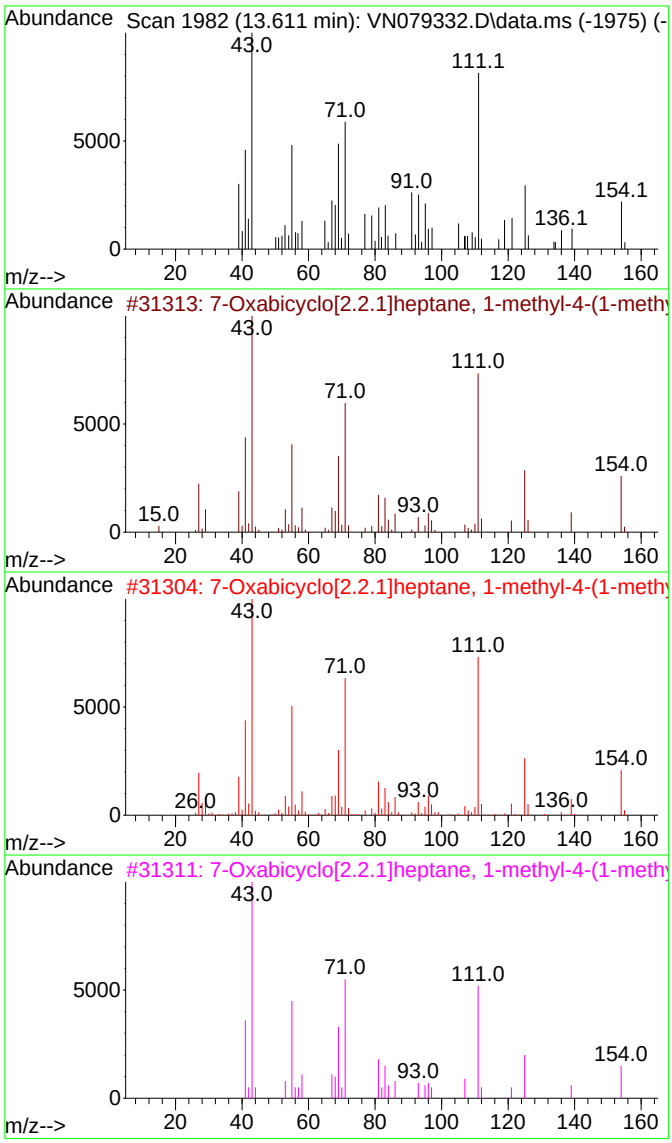
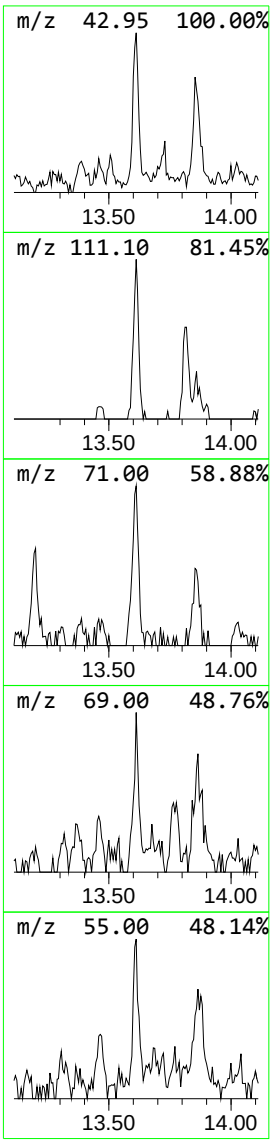
Peak Number 3 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.611	4.32 ug/l	79797	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	70
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	70
5	Tetrahydrocarvone	154	C10H18O	000499-70-7	45





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Operator : JC\MD
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230920054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
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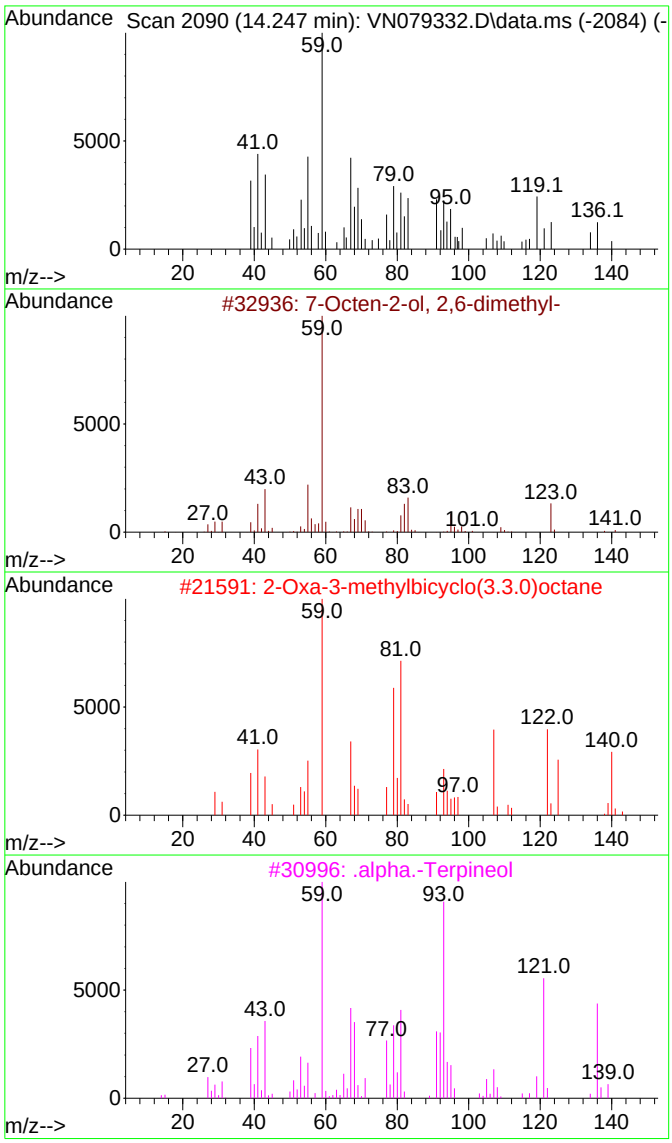
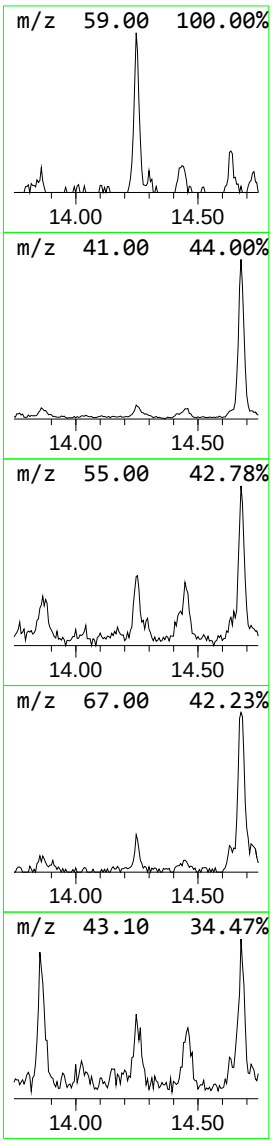
Peak Number 4 unknown14.247 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	4.49 ug/l	82768	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	43
2	2-Oxa-3-methylbicyclo(3.3.0)octane	140	C9H16O	029183-69-5	42
3	.alpha.-Terpineol	154	C10H18O	000098-55-5	38
4	.alpha.-Terpineol	154	C10H18O	000098-55-5	38
5	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	38





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Acq On : 22 Sep 2023 11:48
Operator : JC\MD
Sample : 04554-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230920054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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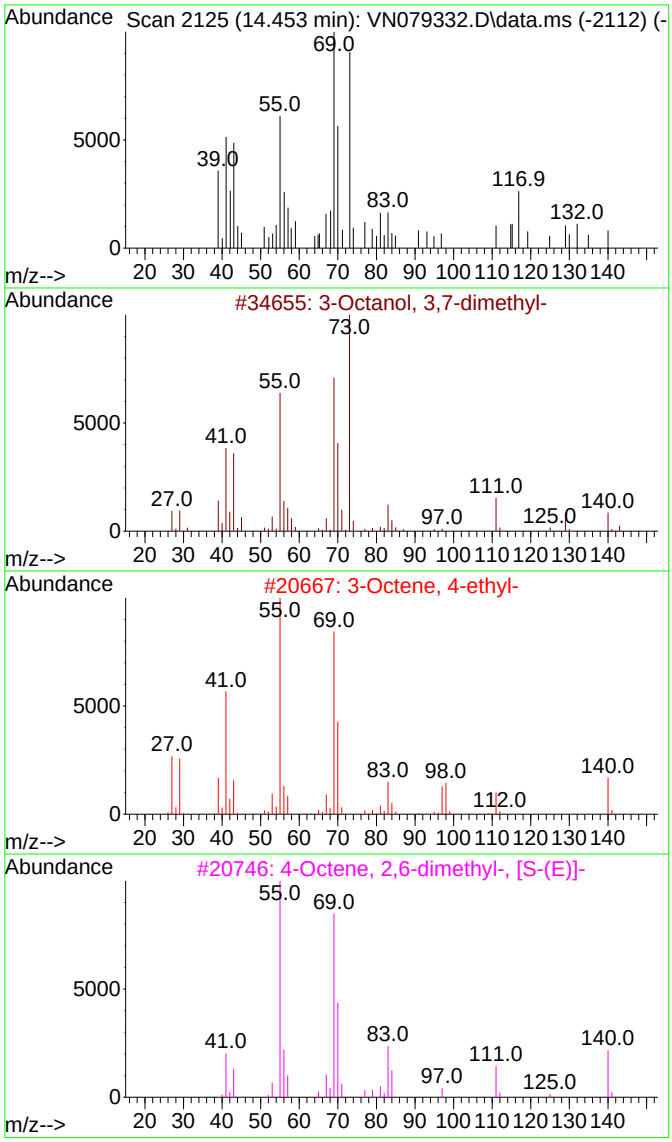
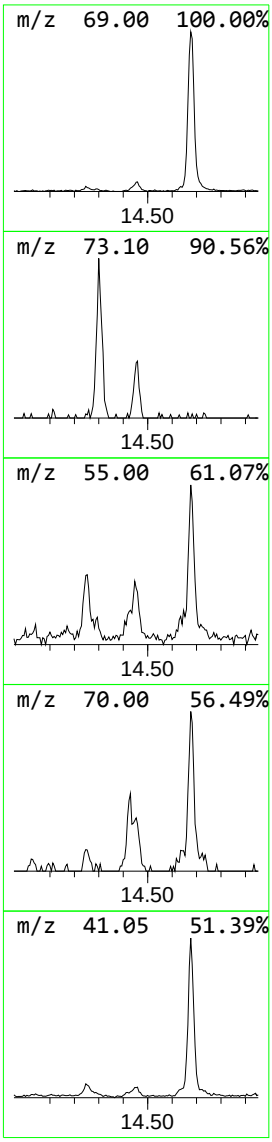
Peak Number 5 unknown14.453 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.453	3.94 ug/l	72693	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	47
2	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	46
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	43
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230920054-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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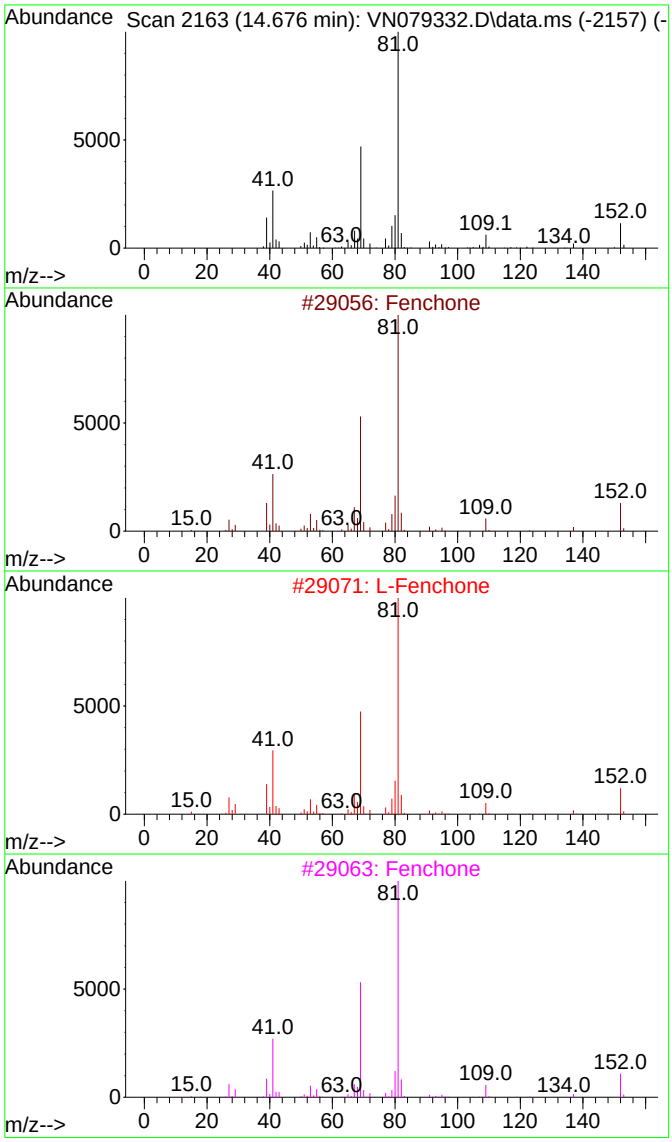
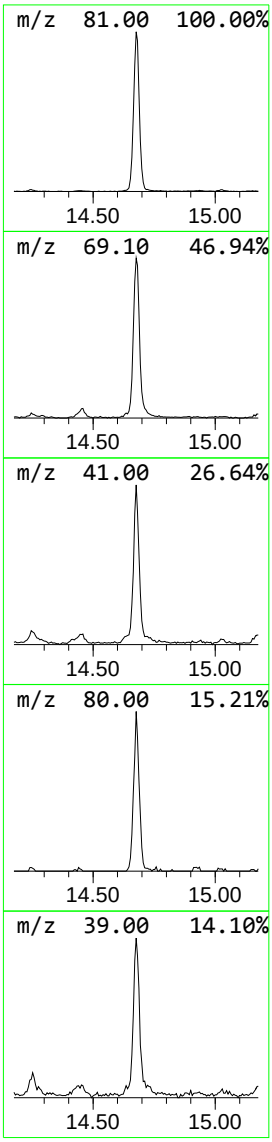
Peak Number 6 Fenchone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.676	34.56 ug/l	637653	Chlorobenzene-d5	11.870

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	94
3	Fenchone	152	C10H16O	001195-79-5	94
4	L-Fenchone	152	C10H16O	007787-20-4	93
5	D-Fenchone	152	C10H16O	004695-62-9	93





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Pentanone, 2,...	11.176	11.8	ug/l	218242	3	11.870	553591	30.0
7-Oxabicyclo[2....	13.611	4.3	ug/l	79797	3	11.870	553591	30.0
unknown14.247	14.247	4.5	ug/l	82768	3	11.870	553591	30.0
unknown14.453	14.453	3.9	ug/l	72693	3	11.870	553591	30.0
Fenchone	14.676	34.6	ug/l	637653	3	11.870	553591	30.0