LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076734.D
Acq On : 17 Feb 2023 15:04
Operator : JC\MD
Sample : 01578-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230215027-02-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\624N021523W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN076734.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.307	58	63	71	rVB	203549	327892	3.81%	1.097%
2	4.437	414	425	440	rBV	241459	772544	8.99%	2.585%
3	5.531	594	611	631	rBV	2019720	7095919	82.53%	23.740%
4	7.442	923	936	954	rBV2	2679781	8597751	100.00%	28.764%
5	7.842	987	1004	1022	rBV	1483049	4008662	46.62%	13.411%
6	8.595	1124	1132	1140	rBV4	116493	423561	4.93%	1.417%
7	8.660	1140	1143	1152	rVB3	65602	132291	1.54%	0.443%
8	9.107	1209	1219	1228	rBV	247666	500945	5.83%	1.676%
9	9.536	1285	1292	1301	rVB	119302	234374	2.73%	0.784%
10	10.571	1460	1468	1474	rBV	356164	672516	7.82%	2.250%
11	10.648	1474	1481	1489	rVB2	118287	346039	4.02%	1.158%
12	11.171	1561	1570	1580	rBV	176039	335831	3.91%	1.124%
13	11.871	1678	1689	1698	rBV	381176	838640	9.75%	2.806%
14	11.966	1698	1705	1714	rVB2	228017	465388	5.41%	1.557%
15	12.071	1714	1723	1733	rBV3	226173	517825	6.02%	1.732%
16	12.401	1772	1779	1785	rBV2	165777	299468	3.48%	1.002%
17	12.701	1822	1830	1836	rVB	66339	130873	1.52%	0.438%
18	12.854	1849	1856	1865	rVB	339030	652859	7.59%	2.184%
19	13.483	1954	1963	1976	rVB	100798	239688	2.79%	0.802%
20	13.612	1976	1985	1992	rBV4	96396	200075	2.33%	0.669%
21	13.736	2001	2006	2010	rVB	81594	122339	1.42%	0.409%
22	13.818	2014	2020	2023	rVV2	112641	194790	2.27%	0.652%
23	13.860	2023	2027	2039	rVB2	224209	445906	5.19%	1.492%
24	14.001	2045	2051	2060	rBV	80910	170572	1.98%	0.571%
25	14.248	2086	2093	2098	rBV3	175479	331972	3.86%	1.111%
26	14.301	2098	2102	2113	rVB	159321	314253	3.66%	1.051%
27	14.448	2113	2127	2135	rVB7	77107	215527	2.51%	0.721%
28	14.677	2160	2166	2173	rVB	804047	1302210	15.15%	4.357%

Sum of corrected areas: 29890710

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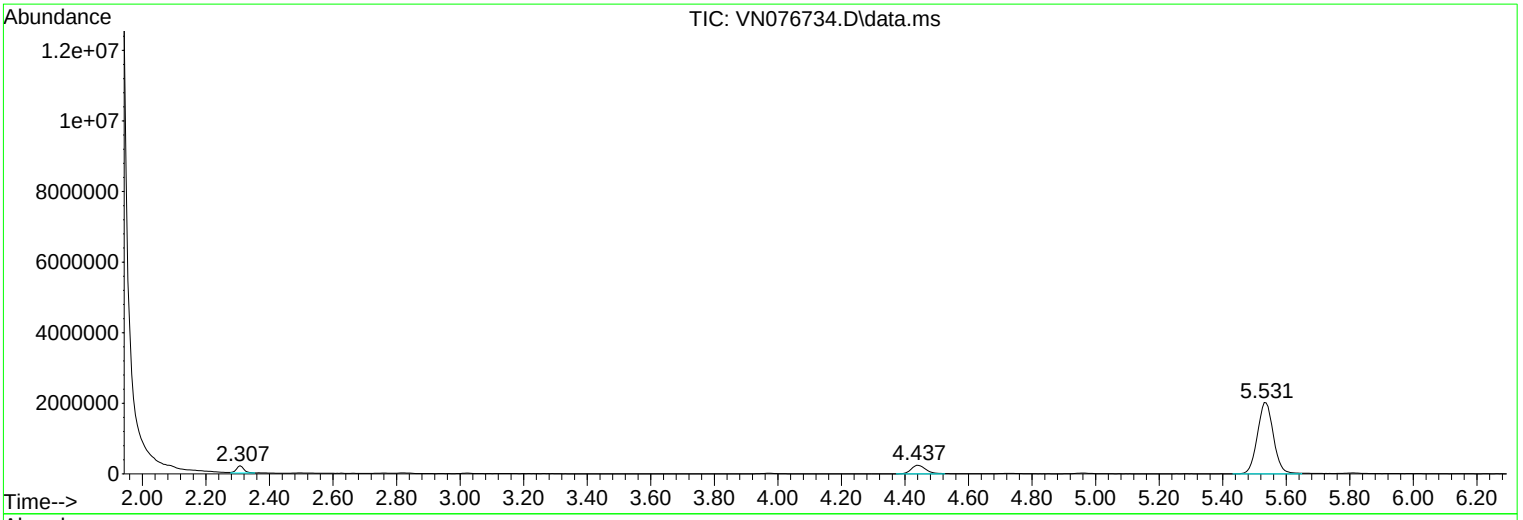
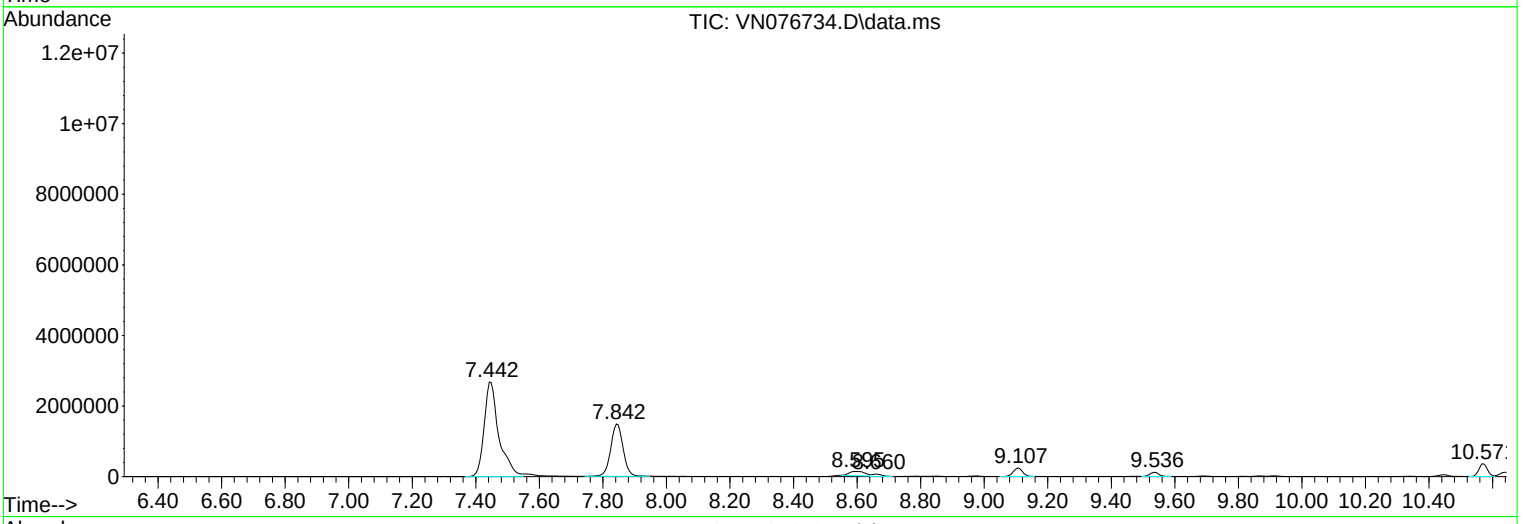
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

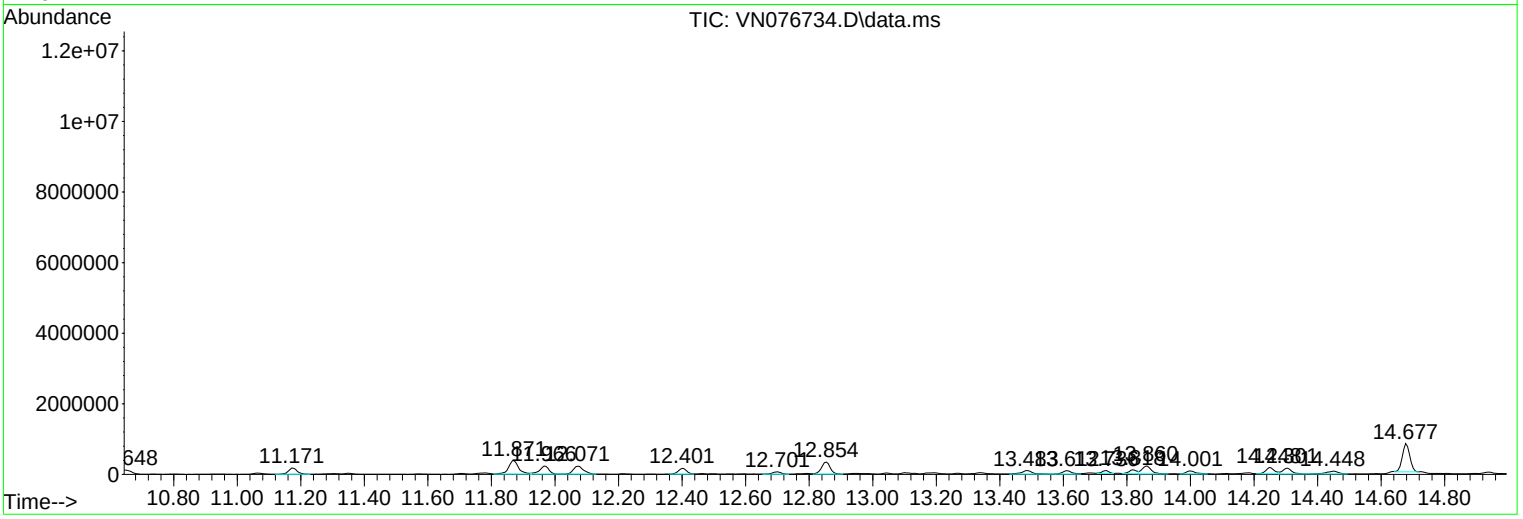
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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Data File : VN076734.D
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MSVOA_N
ClientSampleId :
230215027-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

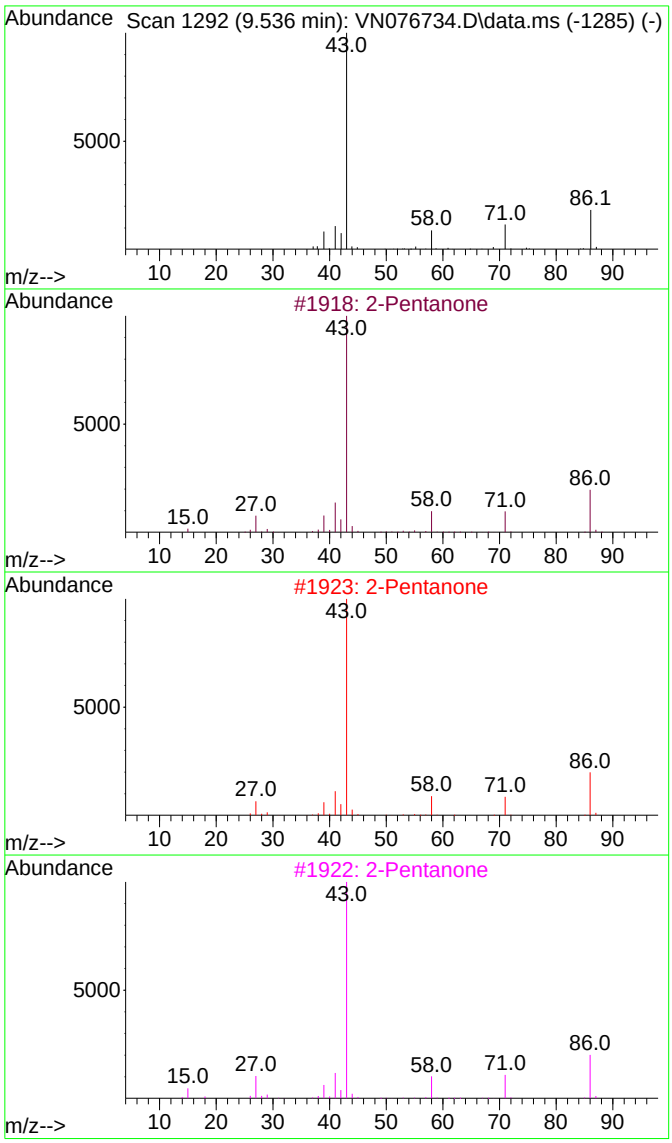
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

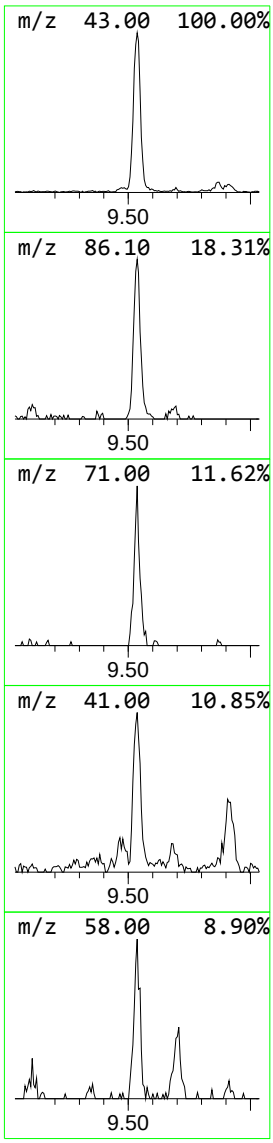
****

Peak Number 1 2-Pentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.536	14.04 ug/l	234374	1,4-Difluorobenzene	9.107

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	72
2	2-Pentanone	86	C5H10O	000107-87-9	72
3	2-Pentanone	86	C5H10O	000107-87-9	72
4	2-Pentanone	86	C5H10O	000107-87-9	64
5	2-Pentanone	86	C5H10O	000107-87-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076734.D
Acq On : 17 Feb 2023 15:04
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

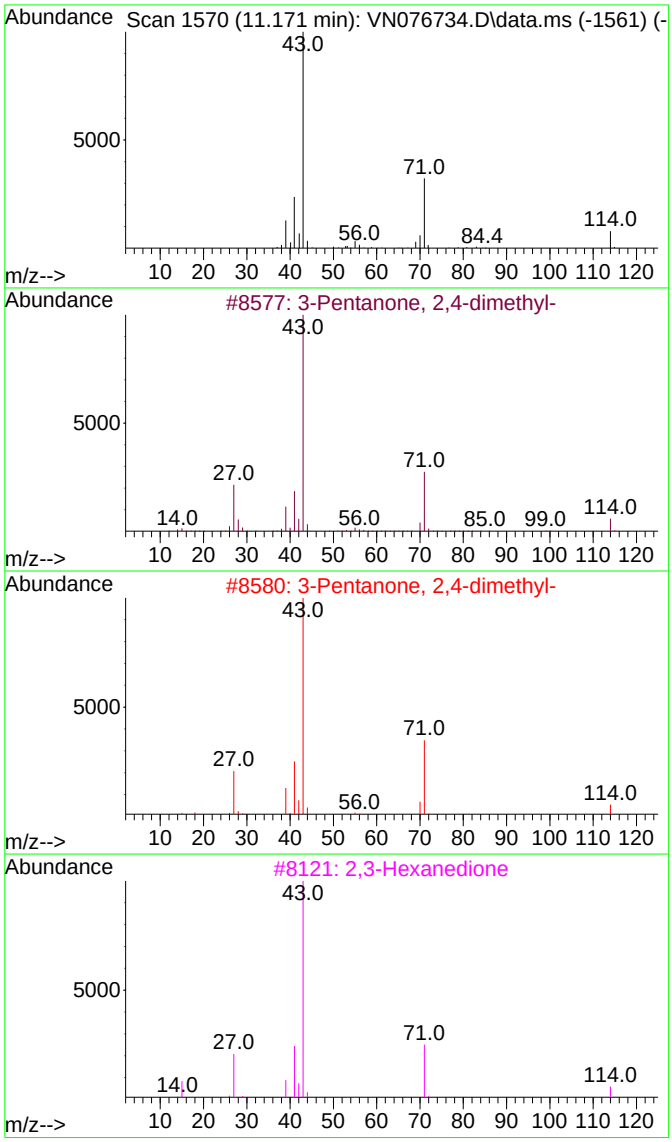
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

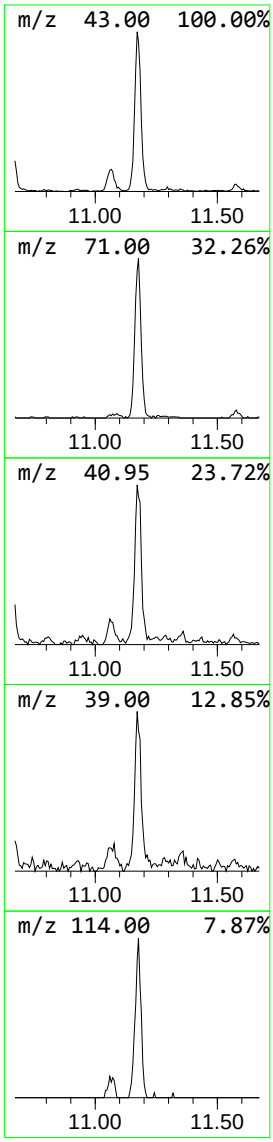
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.171	12.01 ug/l	335831	Chlorobenzene-d5	11.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	72
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	68
5	Pyrrolidine	71	C4H9N	000123-75-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076734.D
Acq On : 17 Feb 2023 15:04
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

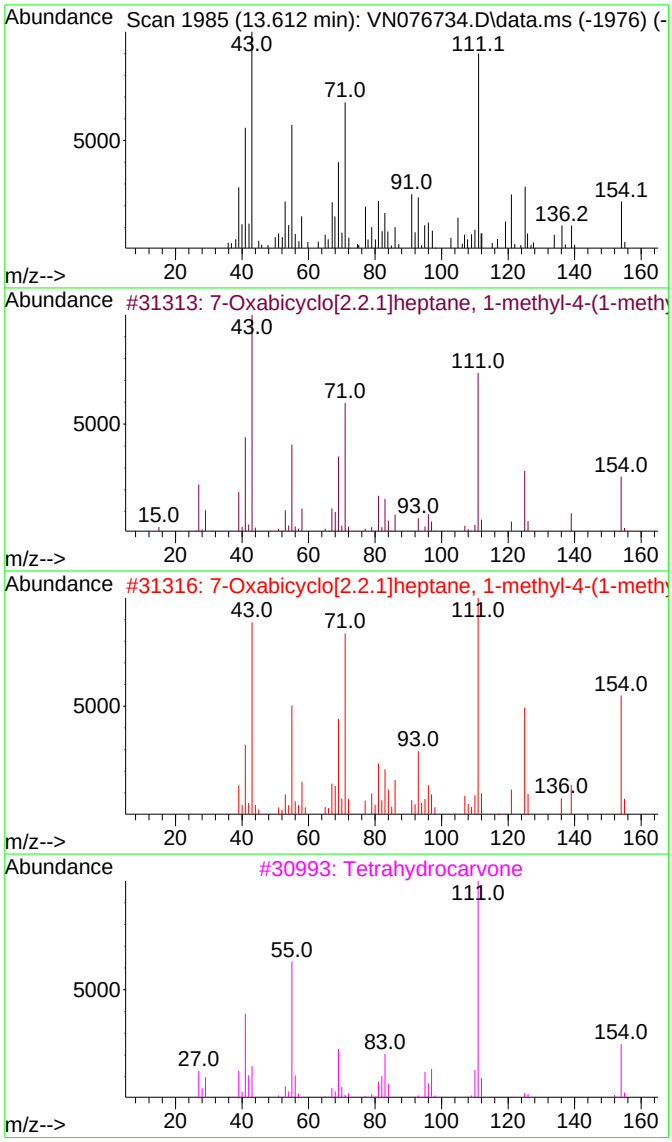
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

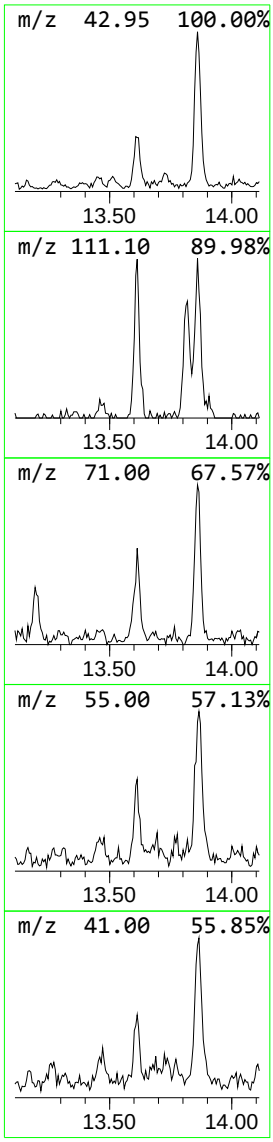
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.613	7.16 ug/l	200075	Chlorobenzene-d5	11.866

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	Tetrahydrocarvone	154	C10H18O	000499-70-7	87
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	87
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076734.D
Acq On : 17 Feb 2023 15:04
Operator : JC\MD
Sample : 01578-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

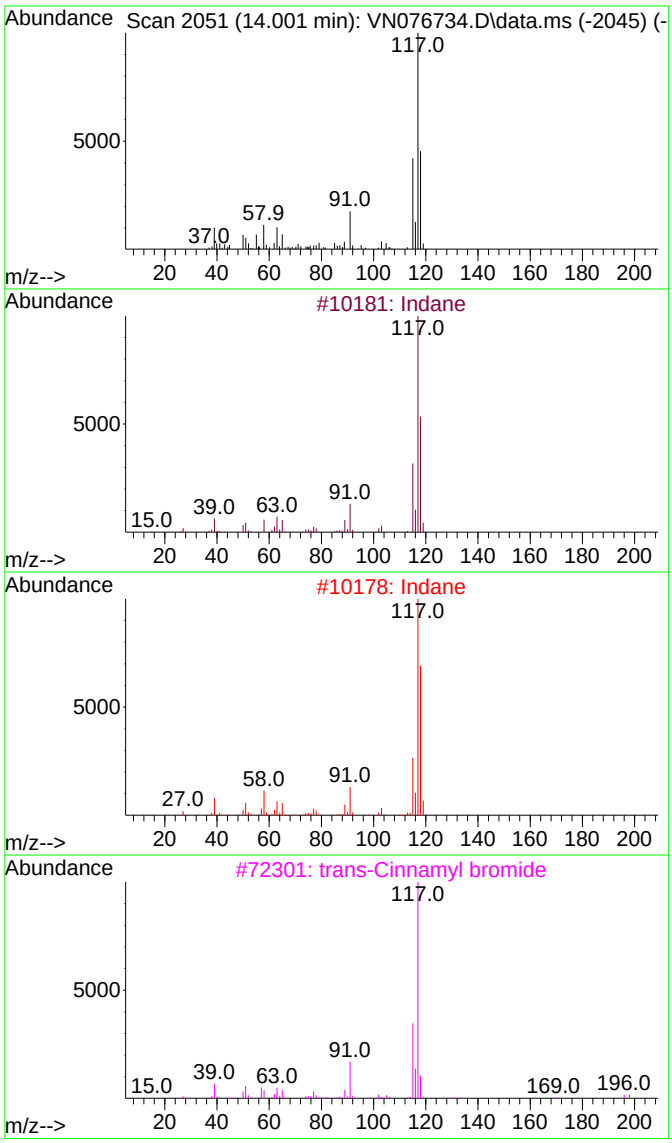
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

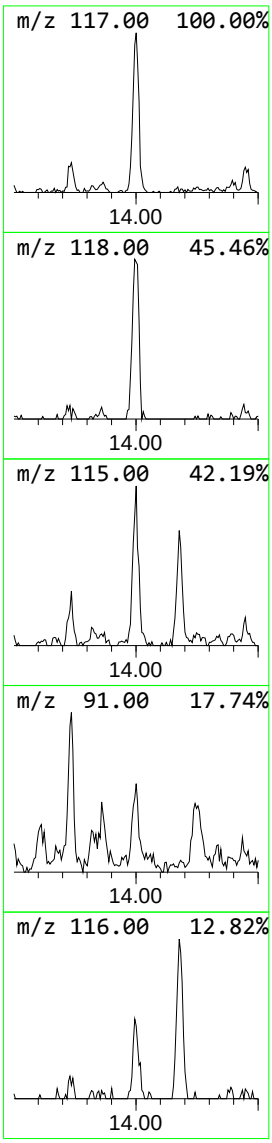
****

Peak Number 4 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.001	6.10 ug/l	170572	Chlorobenzene-d5	11.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	68
2	Indane	118	C9H10	000496-11-7	62
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4	Deltacyclene	118	C9H10	007785-10-6	59
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076734.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

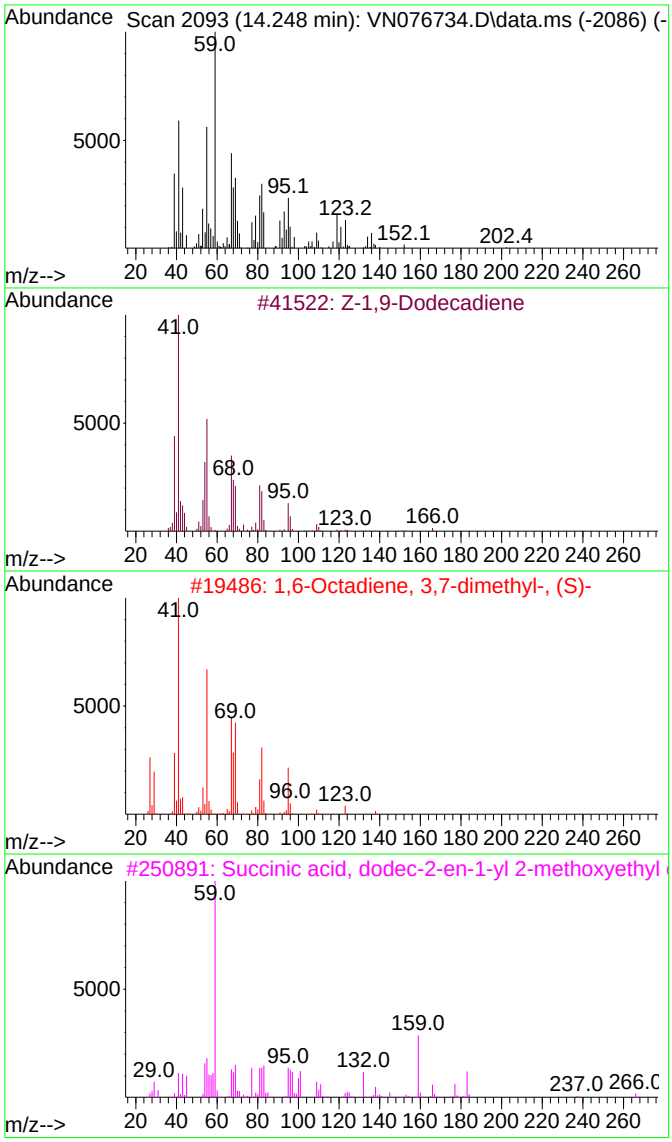
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

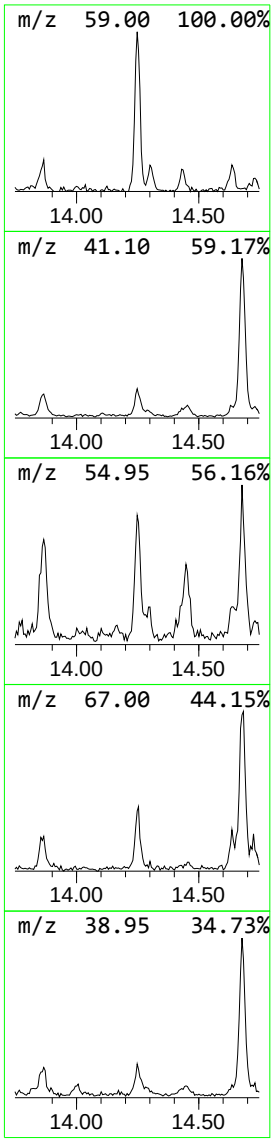
****

Peak Number 5 Z-1,9-Dodecadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.248	11.88 ug/l	331972	Chlorobenzene-d5	11.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-1,9-Dodecadiene	166	C12H22	1000245-71-0	35
2	1,6-Octadiene, 3,7-dimethyl-, (S)-	138	C10H18	010281-55-7	35
3	Succinic acid, dodec-2-en-1-yl 2...	342	C19H34O5	1000390-75-0	35
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	35
5	1,11-Dodecadiene	166	C12H22	005876-87-9	27





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Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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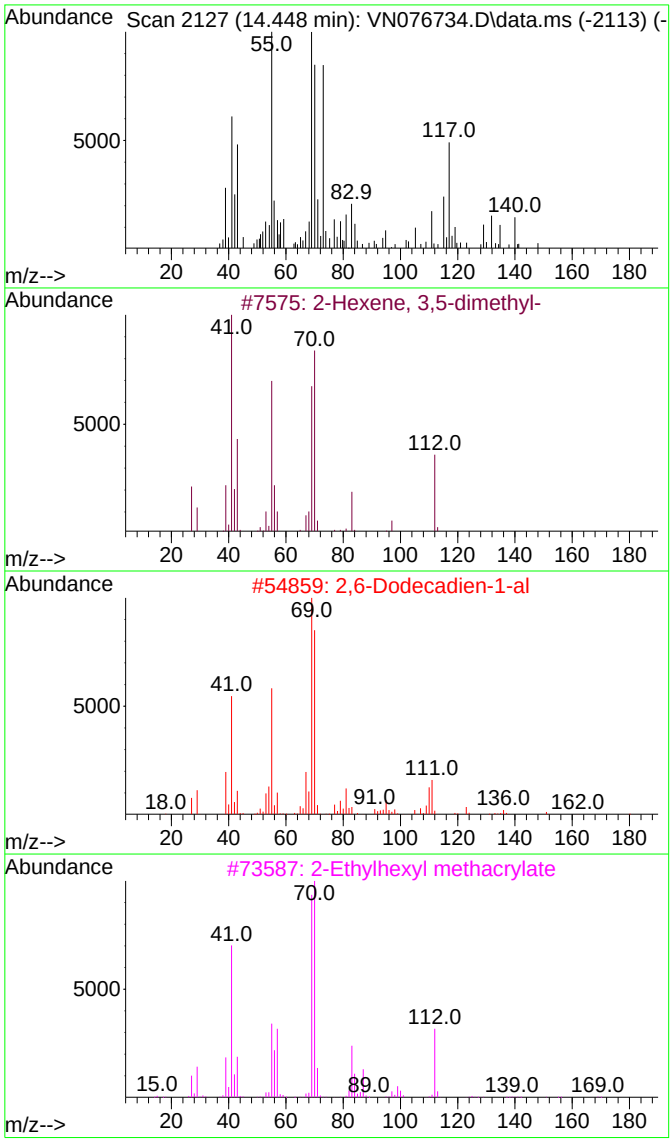
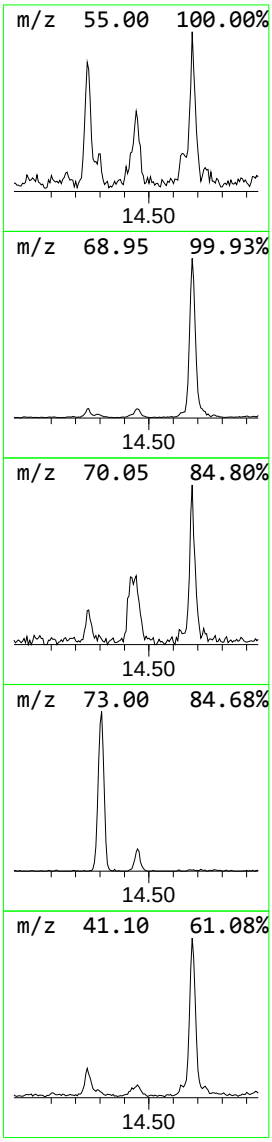
****

Peak Number 7 unknown14.448 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.448	7.71 ug/l	215527	Chlorobenzene-d5	11.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	43
2	2,6-Dodecadien-1-al	180	C12H20O	021662-13-5	43
3	2-Ethylhexyl methacrylate	198	C12H22O2	000688-84-6	43
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	35
5	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	35





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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
230215027-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
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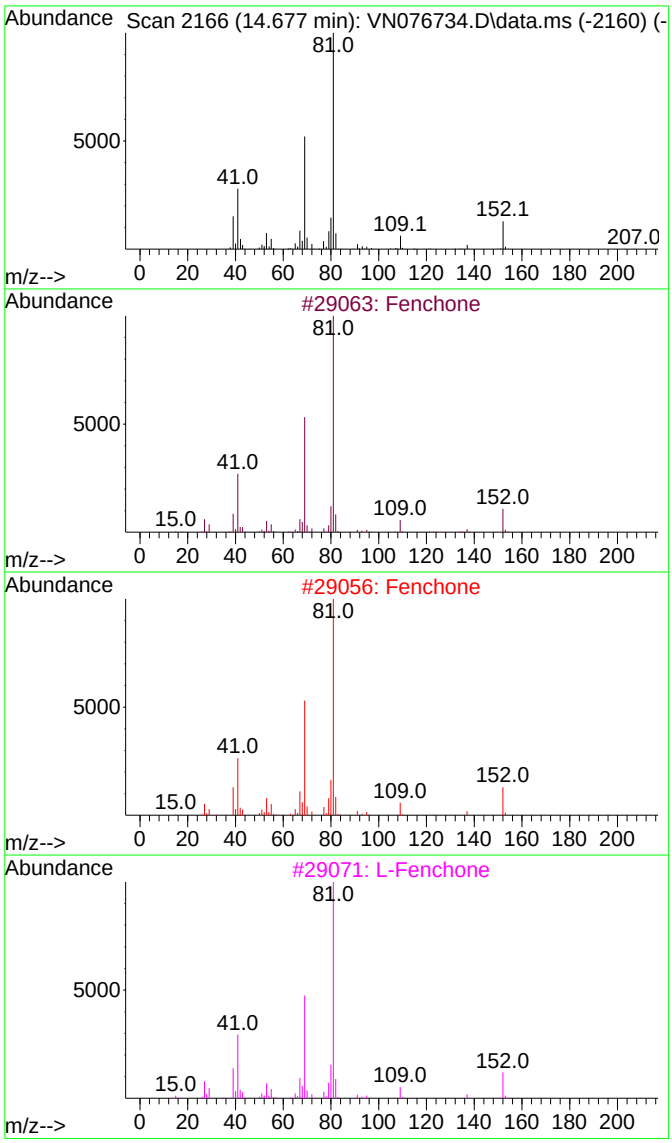
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

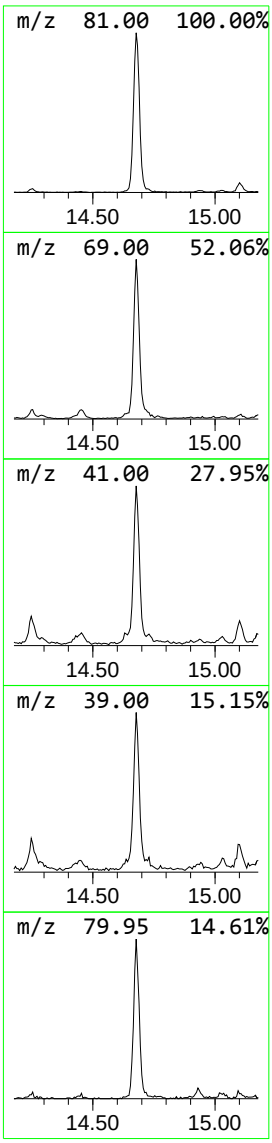
****

Peak Number 8 Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.677	46.58 ug/l	1302210	Chlorobenzene-d5	11.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	Fenchone	152	C10H16O	001195-79-5	95
3	L-Fenchone	152	C10H16O	007787-20-4	94
4	D-Fenchone	152	C10H16O	004695-62-9	94
5	Fenchone	152	C10H16O	001195-79-5	94





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone	9.536	14.0	ug/l	234374	2	9.107	500945	30.0
3-Pentanone, 2,...	11.171	12.0	ug/l	335831	3	11.866	838640	30.0
7-Oxabicyclo[2....	13.613	7.2	ug/l	200075	3	11.866	838640	30.0
Indane	14.001	6.1	ug/l	170572	3	11.866	838640	30.0
Z-1,9-Dodecadiene	14.248	11.9	ug/l	331972	3	11.866	838640	30.0
unknown14.448	14.448	7.7	ug/l	215527	3	11.866	838640	30.0
Fenchone	14.677	46.6	ug/l	1302210	3	11.866	838640	30.0