LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
Data File : VN081824.D
Acq On : 22 Apr 2024 13:22
Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

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\624N041024W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN081824.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.659	116	120	122	rBV3	3347	3999	1.05%	0.168%
2	2.830	140	149	158	rVB3	33811	71484	18.73%	2.999%
3	2.948	167	169	170	rBV2	5543	4168	1.09%	0.175%
4	2.965	170	172	174	rVB2	3853	4174	1.09%	0.175%
5	3.800	304	314	327	rBV	30608	88181	23.11%	3.700%
6	4.436	413	422	429	rBV	12517	33916	8.89%	1.423%
7	4.512	429	435	436	rVV3	10025	17405	4.56%	0.730%
8	4.524	436	437	447	rVB4	12095	21301	5.58%	0.894%
9	4.712	460	469	482	rVB2	9649	33388	8.75%	1.401%
10	6.730	803	812	824	rBV10	8854	28302	7.42%	1.187%
11	7.494	934	942	947	rVB4	3768	9784	2.56%	0.410%
12	7.812	987	996	1009	rVB3	43530	113058	29.63%	4.743%
13	7.965	1014	1022	1030	rVB4	9874	23239	6.09%	0.975%
14	8.577	1116	1126	1135	rBV2	65750	153594	40.25%	6.444%
15	9.100	1207	1215	1223	rBV2	110751	222912	58.42%	9.352%
16	9.347	1251	1257	1263	rBV3	5325	9251	2.42%	0.388%
17	10.376	1425	1432	1440	rBV3	19599	37150	9.74%	1.559%
18	10.565	1456	1464	1471	rBV	209457	381595	100.00%	16.010%
19	10.629	1471	1475	1480	rVB2	11956	16228	4.25%	0.681%
20	11.865	1678	1685	1695	rBV	209798	375364	98.37%	15.749%
21	12.847	1845	1852	1859	rBV	190977	332128	87.04%	13.935%
22	13.441	1949	1953	1954	rBV2	3856	4489	1.18%	0.188%
23	13.459	1954	1956	1961	rVB3	3658	4581	1.20%	0.192%
24	13.706	1992	1998	2002	rBV3	7463	11408	2.99%	0.479%
25	13.865	2017	2025	2034	rBV4	28027	60561	15.87%	2.541%
26	14.247	2082	2090	2095	rBV2	132142	208396	54.61%	8.743%
27	14.300	2095	2099	2104	rVB2	16268	30009	7.86%	1.259%
28	14.453	2117	2125	2128	rBV4	16691	30813	8.07%	1.293%
29	14.494	2128	2132	2141	rVB7	31792	52590	13.78%	2.206%

Sum of corrected areas: 2383468

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Sample : P2212-01
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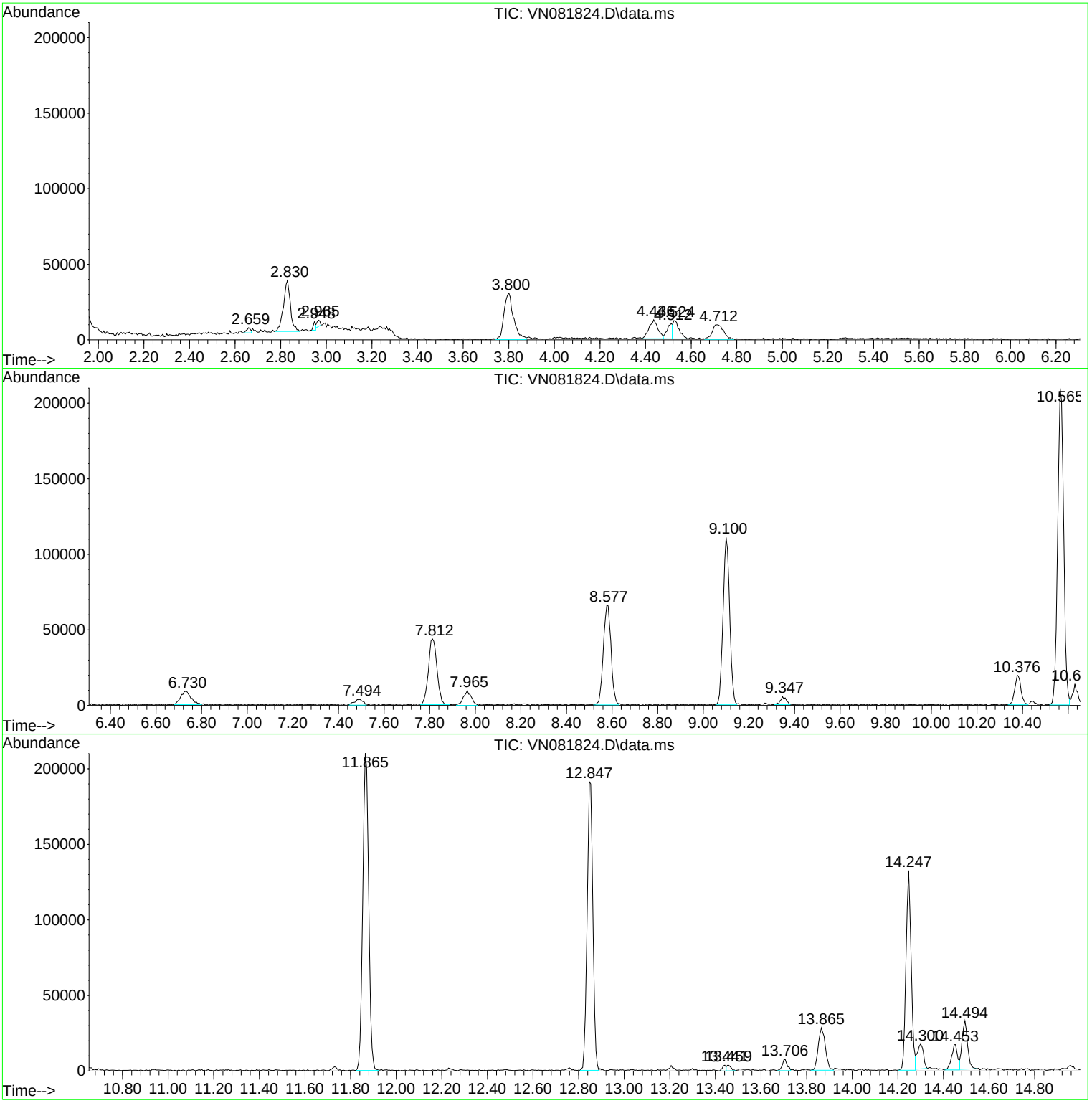
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
Data File : VN081824.D
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Operator : JC\MD
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240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

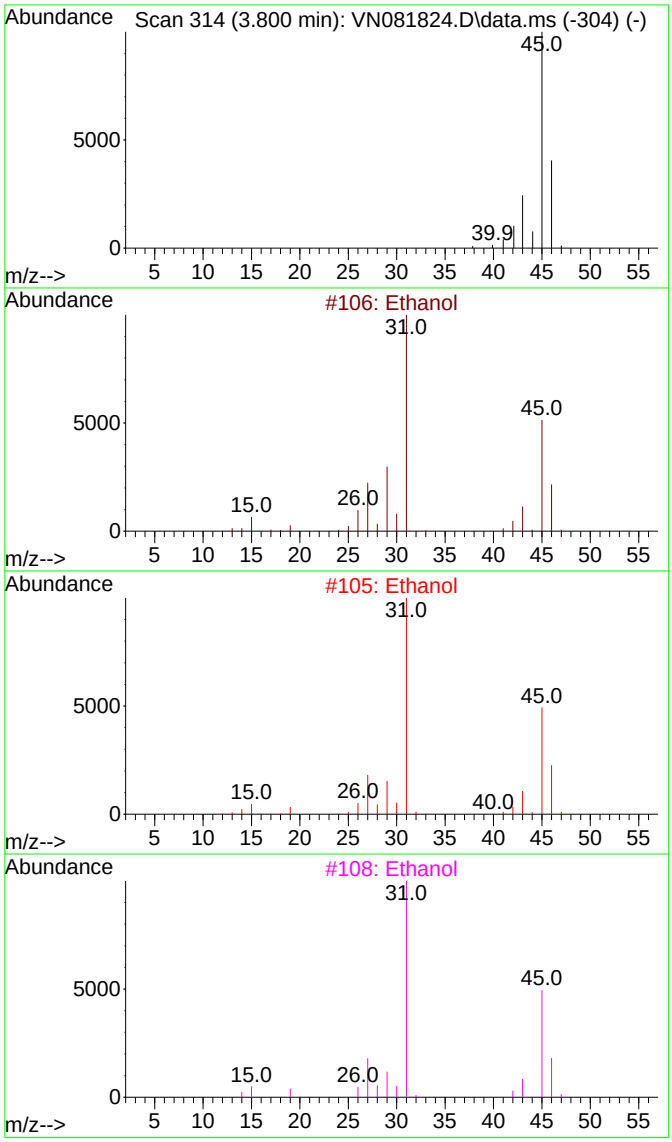
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

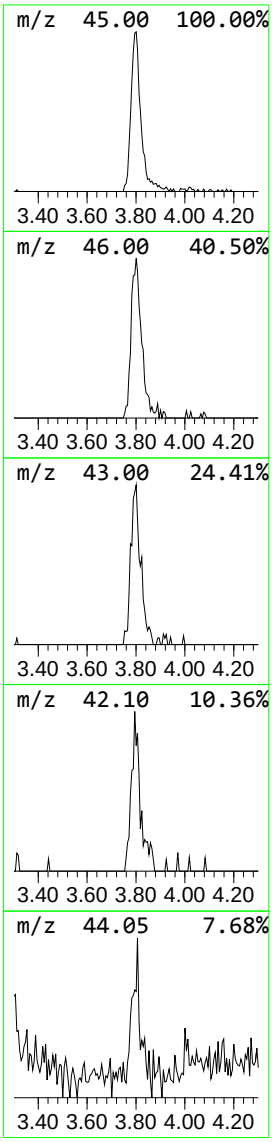
****

Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.800	23.40 ug/l	88181	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Ethanol	46	C2H6O	000064-17-5	64
3	Ethanol	46	C2H6O	000064-17-5	9
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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Data File : VN081824.D
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Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

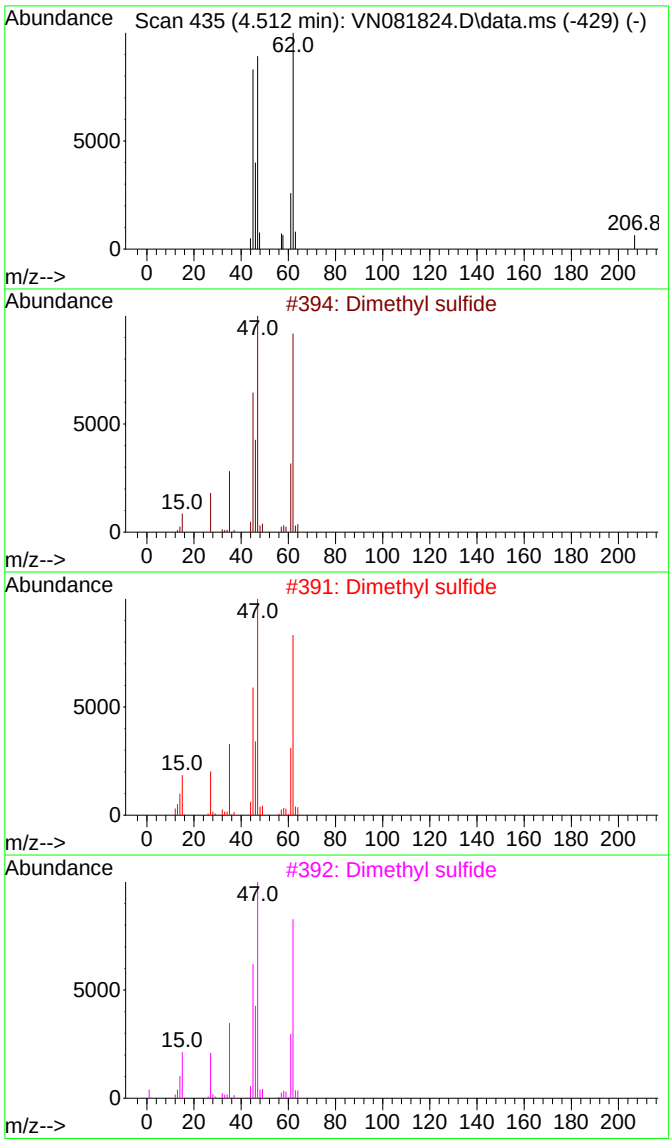
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

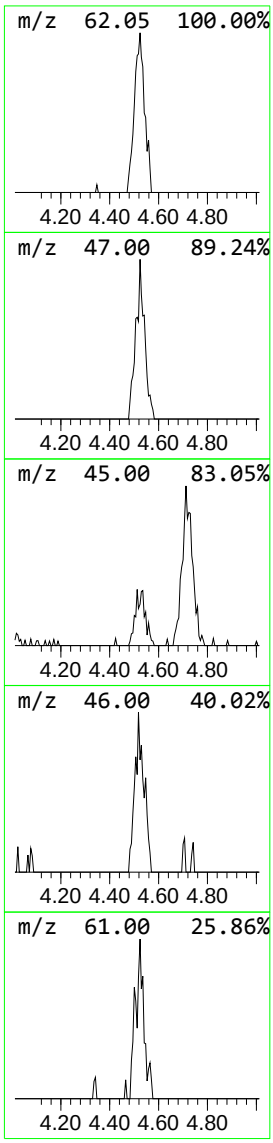
****

Peak Number 3 Dimethyl sulfide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.512	4.62 ug/l	17405	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	86
2	Dimethyl sulfide	62	C2H6S	000075-18-3	86
3	Dimethyl sulfide	62	C2H6S	000075-18-3	86
4	Dimethyl sulfide	62	C2H6S	000075-18-3	80
5	Dimethyl sulfide	62	C2H6S	000075-18-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
Data File : VN081824.D
Acq On : 22 Apr 2024 13:22
Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

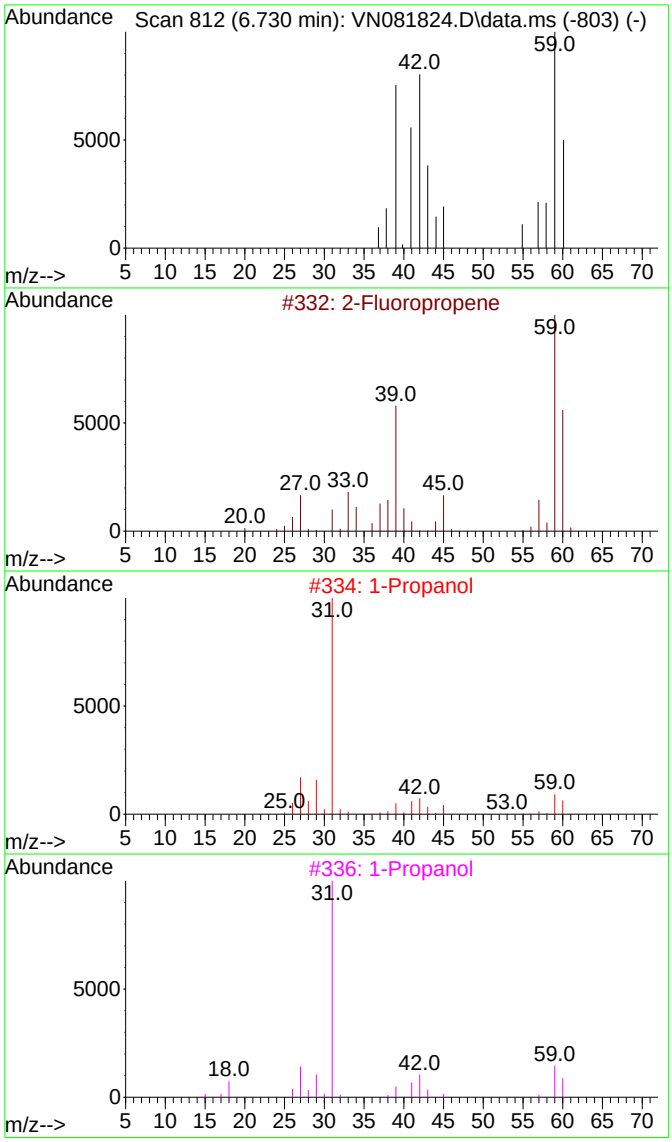
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

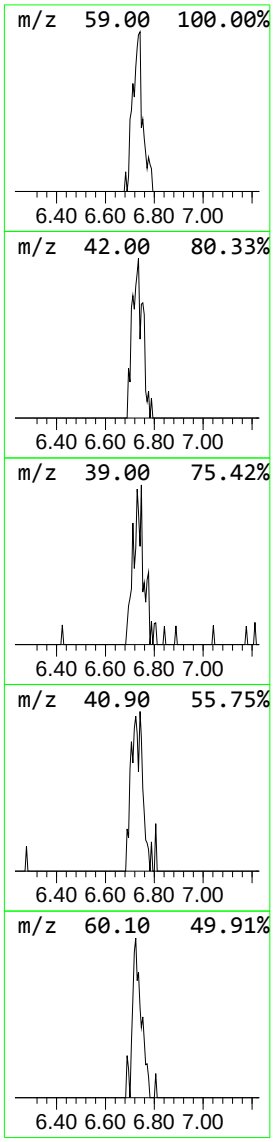
****

Peak Number 6 2-Fluoropropene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.730	7.51 ug/l	28302	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoropropene	60	C3H5F	001184-60-7	59
2	1-Propanol	60	C3H8O	000071-23-8	16
3	1-Propanol	60	C3H8O	000071-23-8	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Propene	42	C3H6	000115-07-1	9





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

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

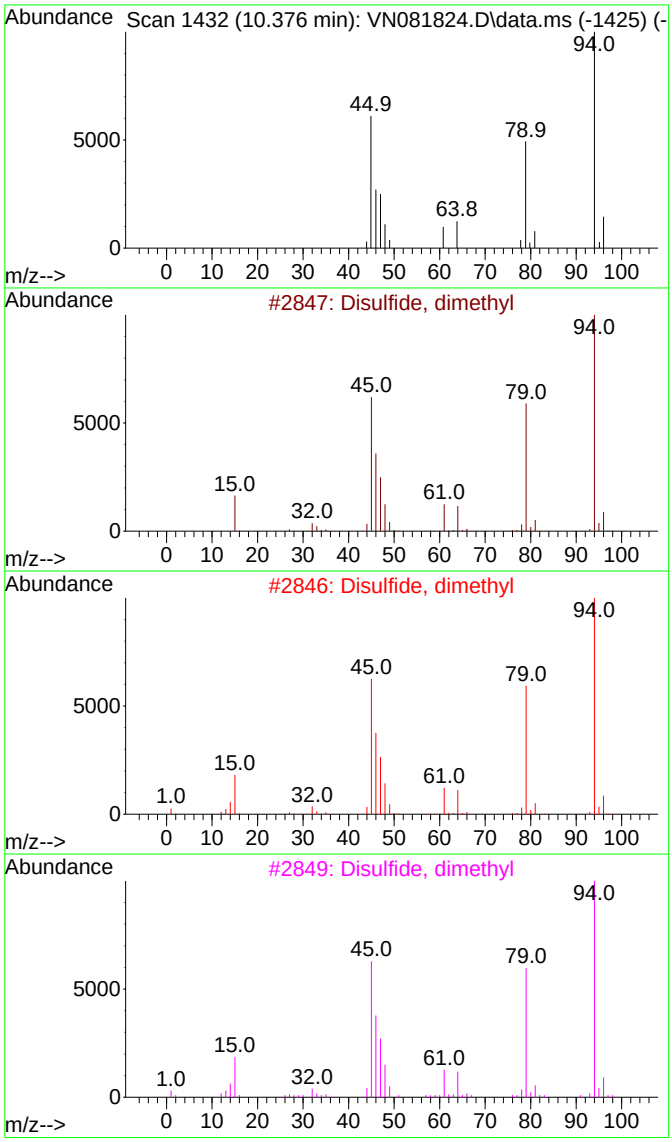
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

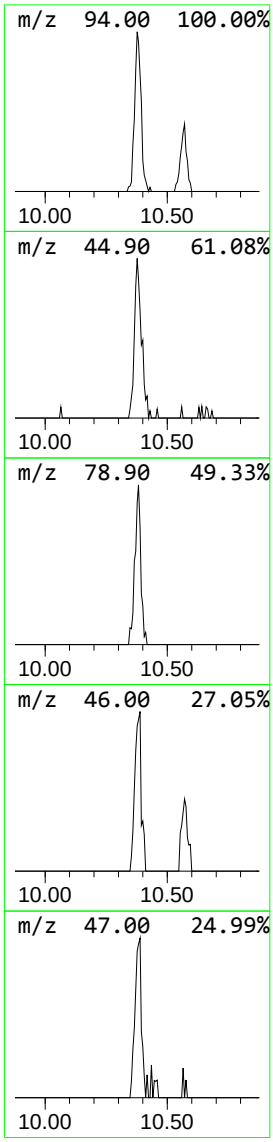
****

Peak Number 7 Disulfide, dimethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.377	5.00 ug/l	37150	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
Data File : VN081824.D
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Operator : JC\MD
Sample : P2212-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

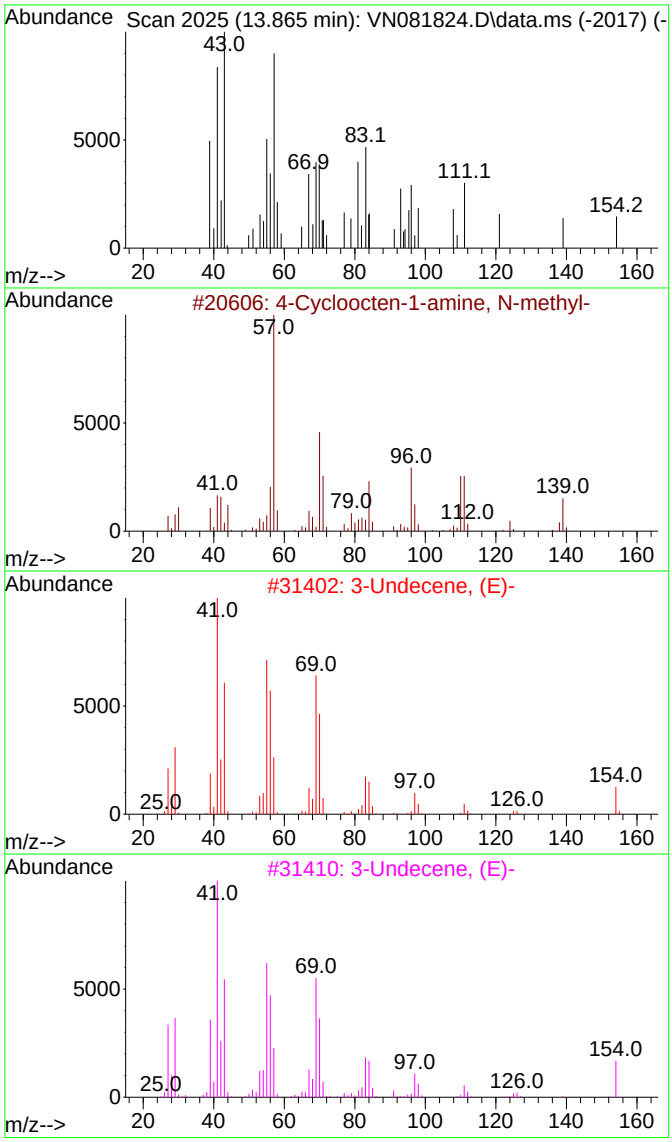
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

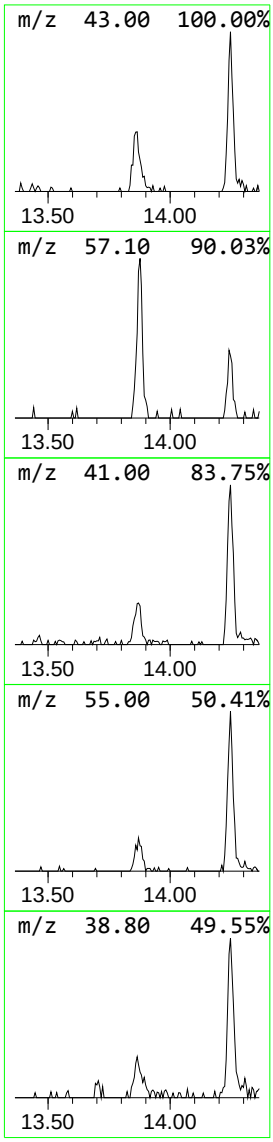
****

Peak Number 8 unknown13.865 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.865	4.84 ug/l	60561	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cycloocten-1-amine, N-methyl-	139	C9H17N	038278-15-8	46
2	3-Undecene, (E)-	154	C11H22	001002-68-2	38
3	3-Undecene, (E)-	154	C11H22	001002-68-2	27
4	4-Decene, 7-methyl-, (E)-	154	C11H22	062338-48-1	27
5	2-Undecene, (E)-	154	C11H22	000693-61-8	27





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

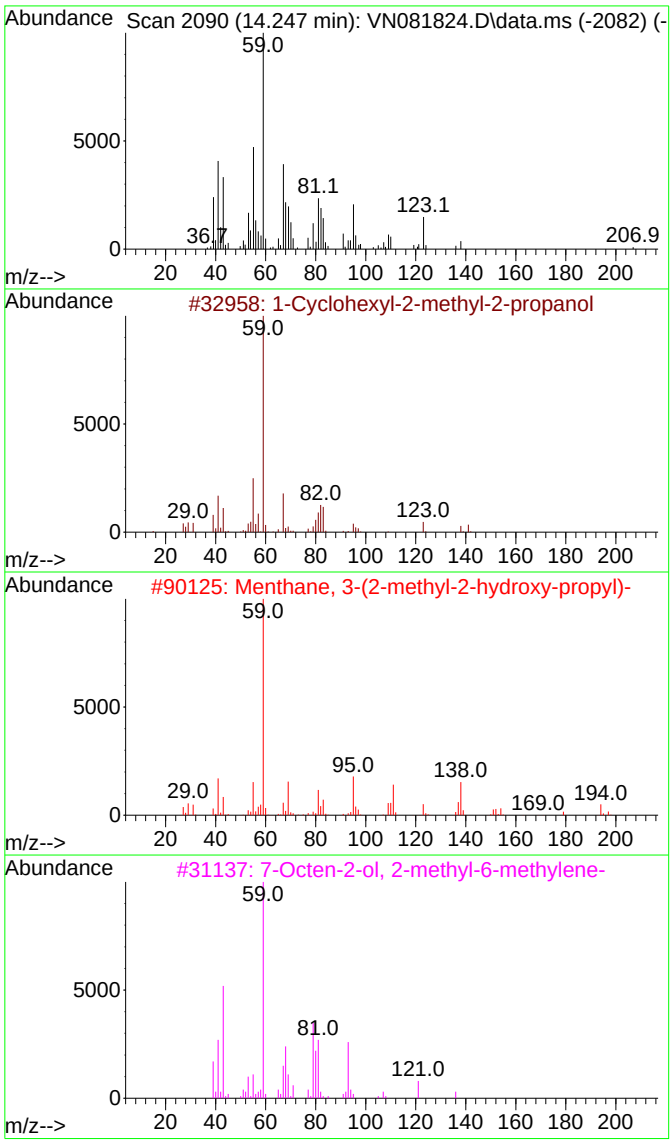
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

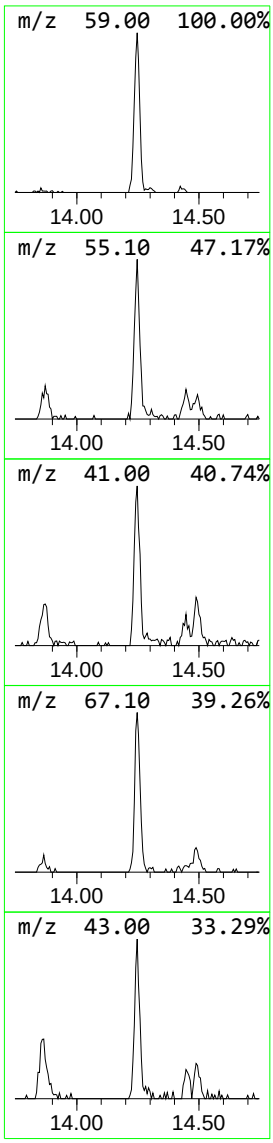
****

Peak Number 9 unknown14.247 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	16.66 ug/l	208396	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	40
2	Menthane, 3-(2-methyl-2-hydroxy-...	212	C14H28O	1000160-06-0	38
3	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	37
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	37
5	Carbonic acid, 3-fluorophenyl 2-...	214	C10H11FO4	1010331-46-3	32





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

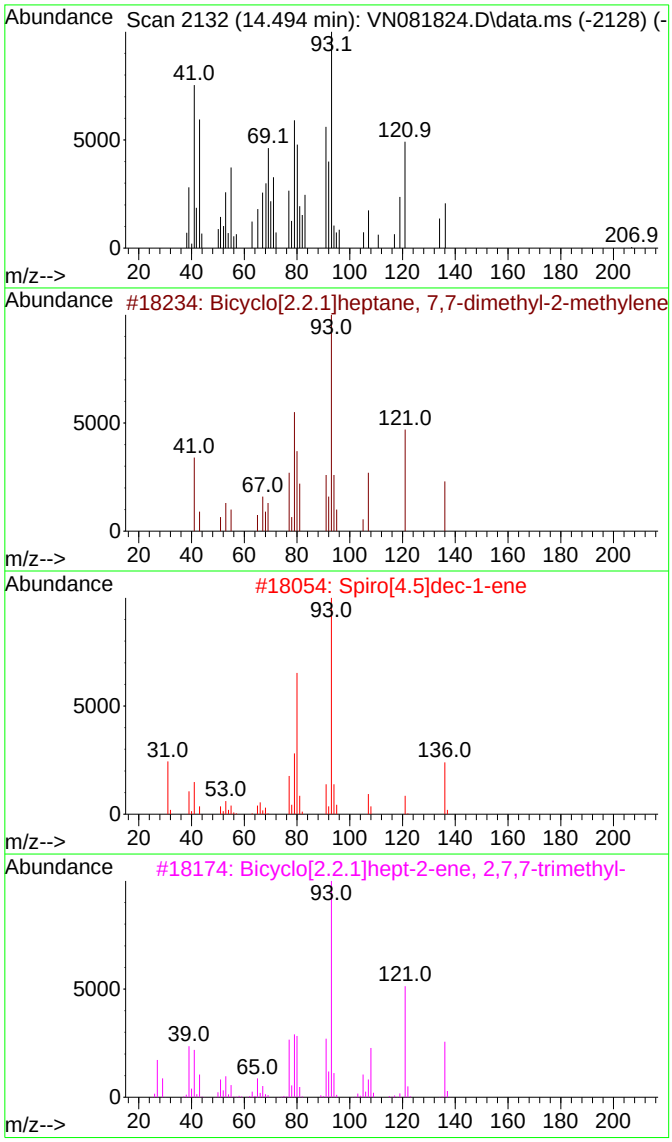
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

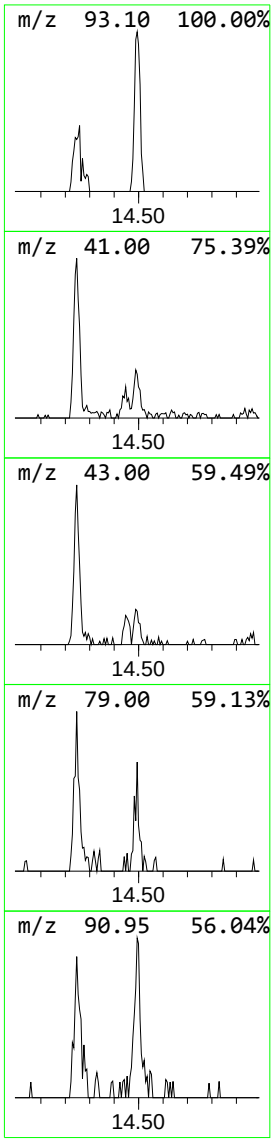
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	4.20 ug/l	52590	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	70
2	Spiro[4.5]dec-1-ene	136	C10H16	000697-27-8	50
3	Bicyclo[2.2.1]hept-2-ene, 2,7,7-...	136	C10H16	000514-14-7	49
4	3-Carene	136	C10H16	013466-78-9	47
5	.beta.-Ocimene	136	C10H16	013877-91-3	46





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol	3.800	23.4	ug/l	88181	1	7.818	113058	30.0
Dimethyl sulfide	4.512	4.6	ug/l	17405	1	7.818	113058	30.0
2-Fluoropropene	6.730	7.5	ug/l	28302	1	7.818	113058	30.0
Disulfide, dime...	10.377	5.0	ug/l	37150	2	9.100	222912	30.0
unknown13.865	13.865	4.8	ug/l	60561	3	11.865	375364	30.0
unknown14.247	14.247	16.7	ug/l	208396	3	11.865	375364	30.0
Bicyclo[2.2.1]h...	14.494	4.2	ug/l	52590	3	11.865	375364	30.0