LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 220928033-02-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_X\Method\624X093022W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX031817.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.392	207	214	221	rBV	53161	100108	6.35%	1.651%
2	2.983	297	311	330	rBV	417817	1364576	86.52%	22.502%
3	4.580	557	573	589	rBV	478369	1577220	100.00%	26.009%
4	4.897	617	625	634	rBV2	42234	119623	7.58%	1.973%
5	5.013	634	644	661	rVB	169439	537252	34.06%	8.859%
6	5.958	789	799	808	rBV2	51431	139887	8.87%	2.307%
7	6.251	836	847	856	rBV3	11647	37245	2.36%	0.614%
8	6.763	922	931	943	rBV2	101674	244529	15.50%	4.032%
9	8.647	1234	1240	1247	rVV	249110	398533	25.27%	6.572%
10	8.720	1247	1252	1260	rVV2	13069	22820	1.45%	0.376%
11	8.805	1260	1266	1271	rVV2	9266	16015	1.02%	0.264%
12	9.378	1352	1360	1367	rBV2	12710	20936	1.33%	0.345%
13	9.494	1374	1379	1384	rBV3	11818	18763	1.19%	0.309%
14	10.055	1462	1471	1483	rBV	217630	311081	19.72%	5.130%
15	10.195	1490	1494	1501	rBV2	25022	38978	2.47%	0.643%
16	10.299	1505	1511	1518	rVB	33960	53436	3.39%	0.881%
17	10.640	1563	1567	1577	rBV	24339	37692	2.39%	0.622%
18	10.963	1614	1620	1626	rVB	10226	16231	1.03%	0.268%
19	11.030	1626	1631	1635	rBV	16883	25952	1.65%	0.428%
20	11.079	1635	1639	1646	rVB	205107	268155	17.00%	4.422%
21	11.506	1704	1709	1716	rVV2	13135	21204	1.34%	0.350%
22	11.750	1744	1749	1754	rVB	14451	19445	1.23%	0.321%
23	11.884	1765	1771	1776	rBV3	12494	17721	1.12%	0.292%
24	12.042	1794	1797	1801	rVB	16431	20438	1.30%	0.337%
25	12.244	1826	1830	1835	rBV	15490	24178	1.53%	0.399%
26	12.908	1934	1939	1943	rBV	79538	102273	6.48%	1.687%
27	13.475	2027	2032	2035	rBV	57383	83610	5.30%	1.379%
28	13.512	2035	2038	2046	rVV	106600	162393	10.30%	2.678%
29	13.591	2046	2051	2060	rVB5	15897	32701	2.07%	0.539%
30	13.774	2076	2081	2088	rVB	105199	136082	8.63%	2.244%
31	13.926	2101	2106	2120	rVB5	10561	26345	1.67%	0.434%
32	14.097	2127	2134	2147	rBV2	15425	34312	2.18%	0.566%
33	14.640	2219	2223	2226	rVV	11574	17219	1.09%	0.284%
34	14.780	2242	2246	2251	rBV	12998	17244	1.09%	0.284%

Sum of corrected areas: 6064197

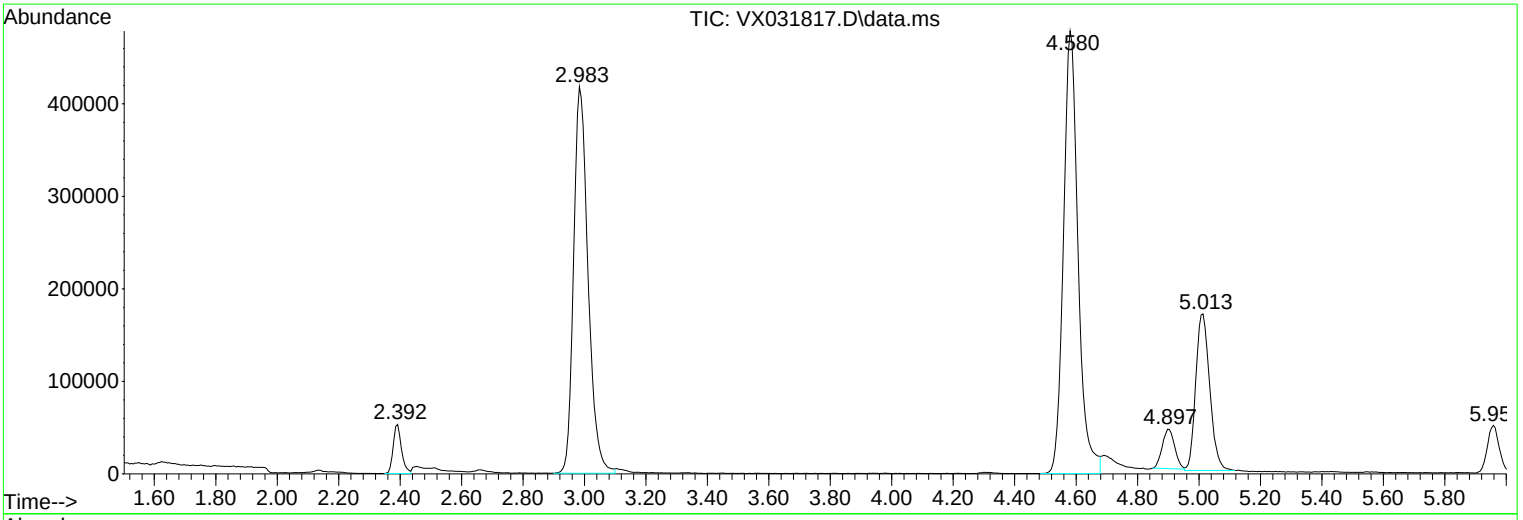
Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

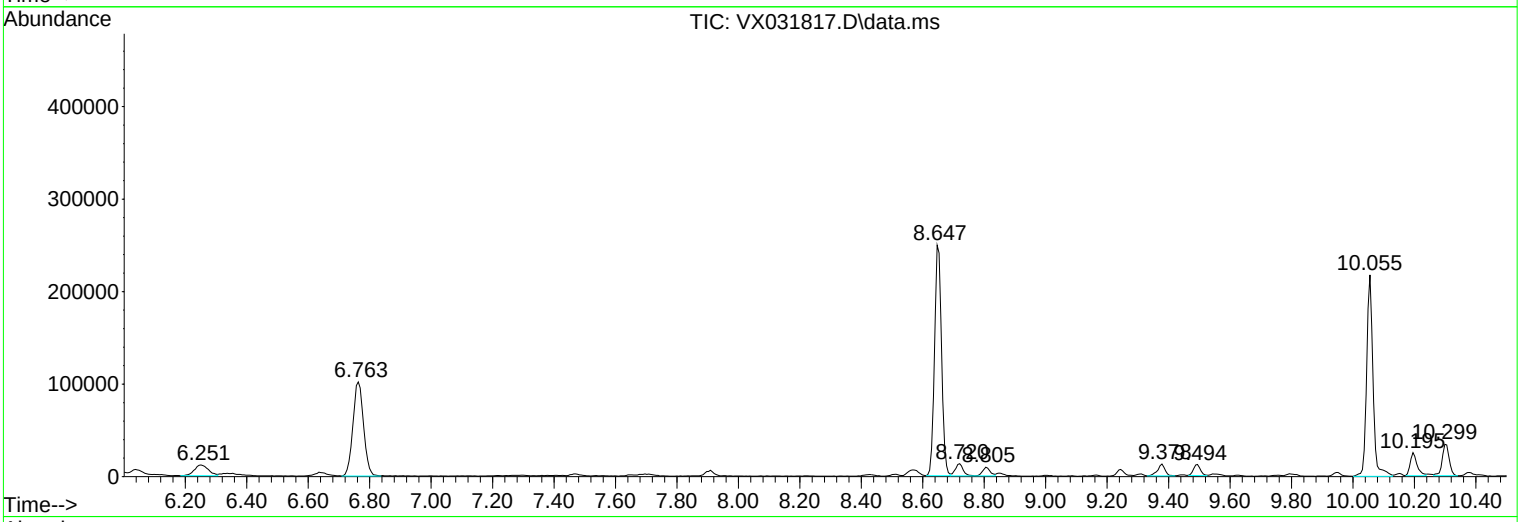
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

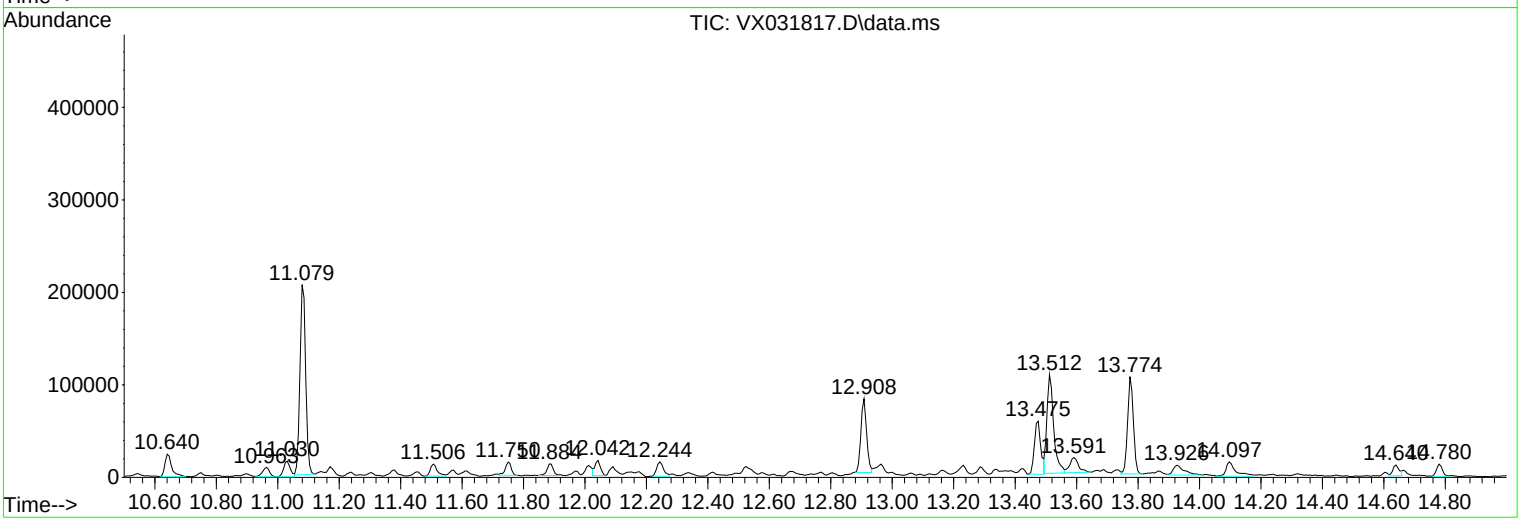
Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.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_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

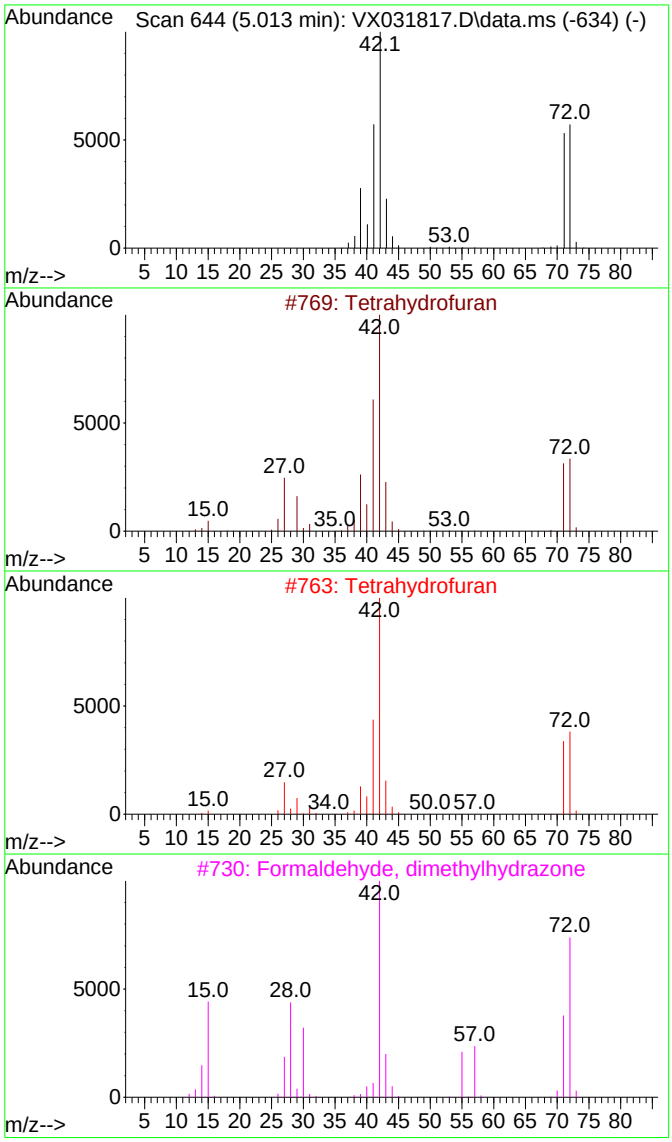
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

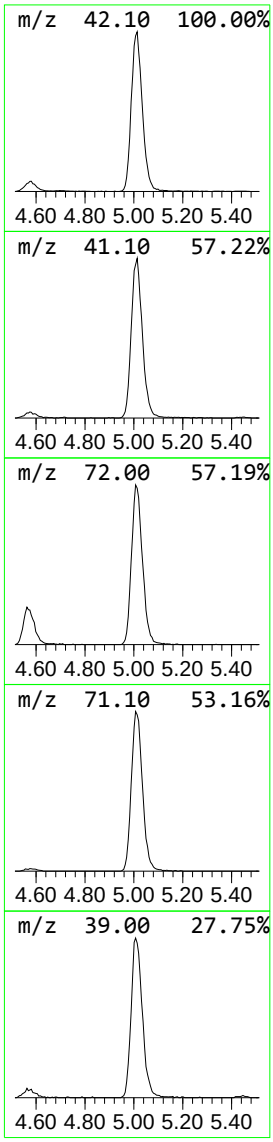
****

Peak Number 1 Tetrahydrofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	134.74 ug/l	537252	Bromochloromethane	4.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran	72	C4H8O	000109-99-9	91
2	Tetrahydrofuran	72	C4H8O	000109-99-9	90
3	Formaldehyde, dimethylhydrazone	72	C3H8N2	002035-89-4	64
4	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
5	Isobutylene epoxide	72	C4H8O	000558-30-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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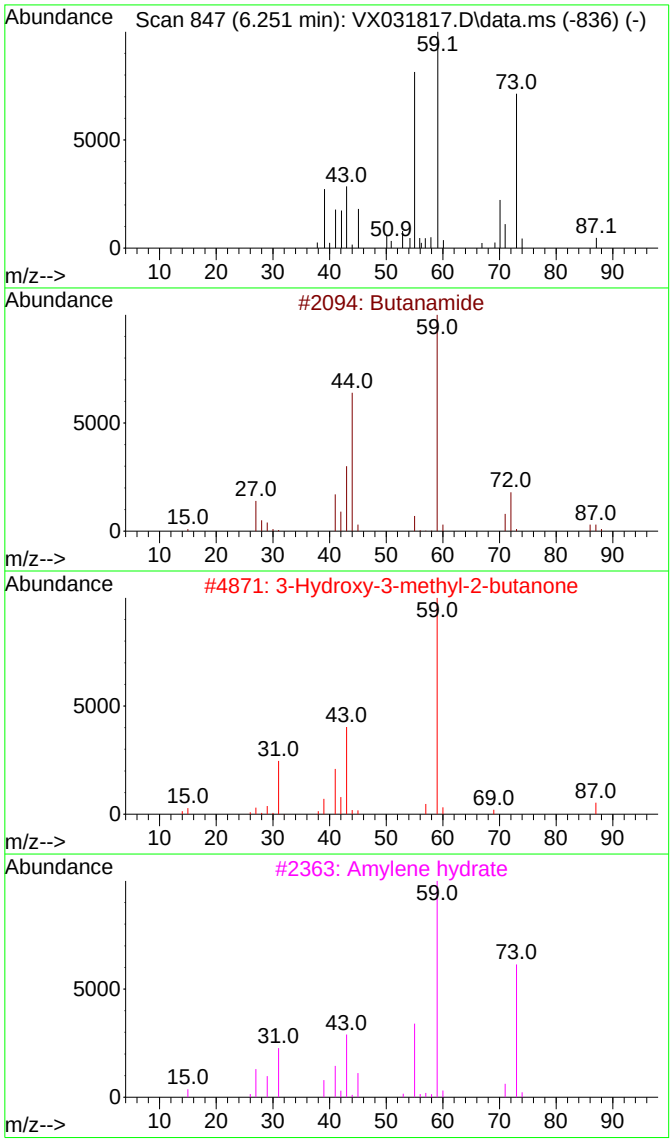
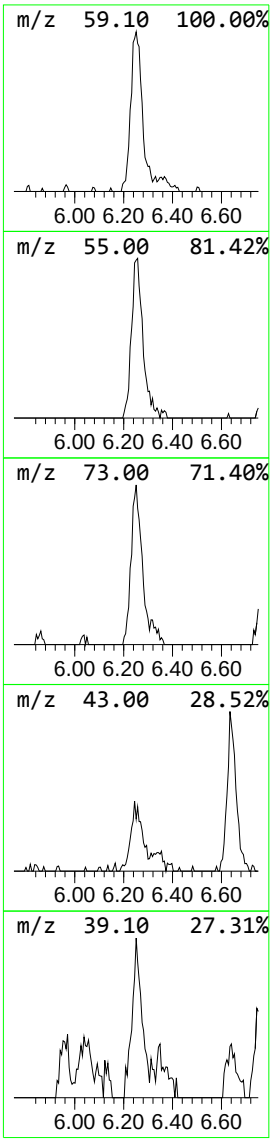
Peak Number 2 Butanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	4.57 ug/l	37245	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide	87	C4H9NO	000541-35-5	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	43
3	Amylene hydrate	88	C5H12O	000075-85-4	42
4	3-Hexanol	102	C6H14O	000623-37-0	42
5	Butanamide	87	C4H9NO	000541-35-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

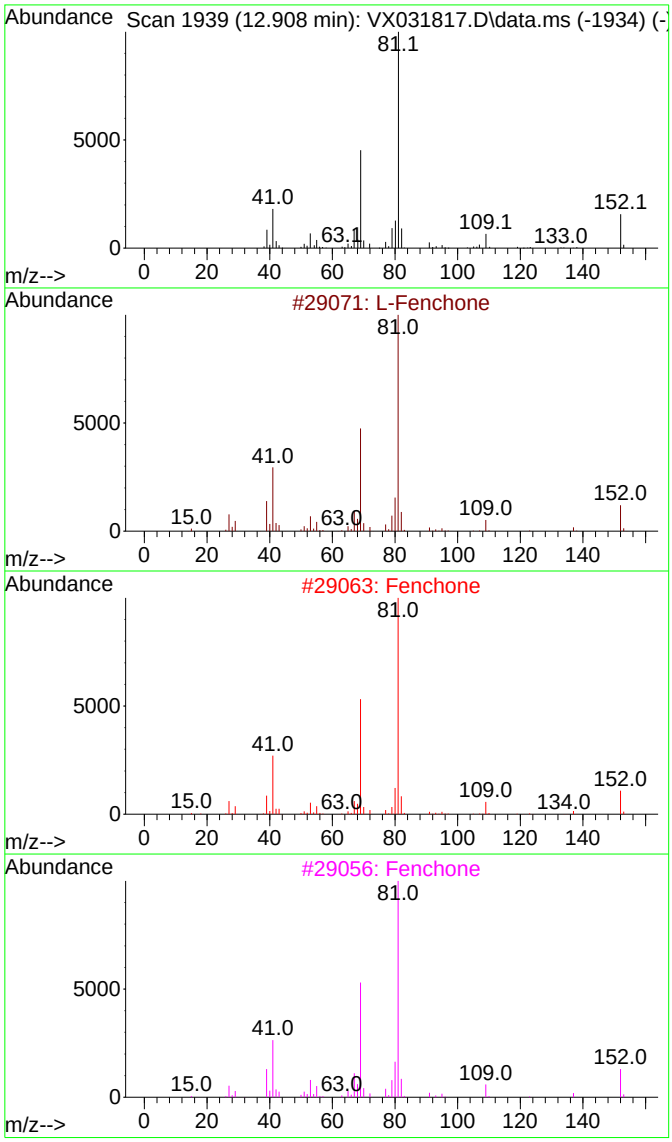
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

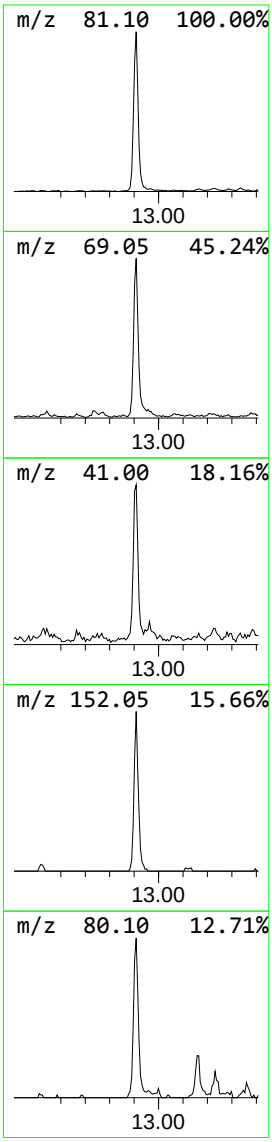
****

Peak Number 3 L-Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	9.86 ug/l	102273	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Fenchone	152	C10H16O	007787-20-4	94
2	Fenchone	152	C10H16O	001195-79-5	93
3	Fenchone	152	C10H16O	001195-79-5	91
4	Fenchone	152	C10H16O	001195-79-5	91
5	D-Fenchone	152	C10H16O	004695-62-9	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

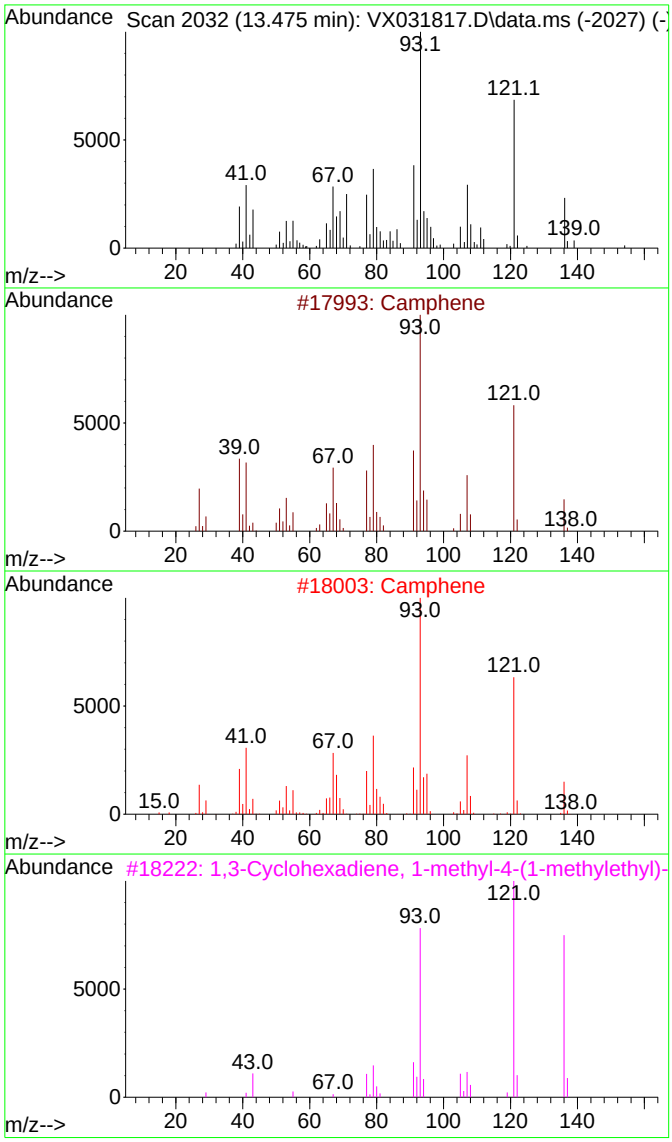
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

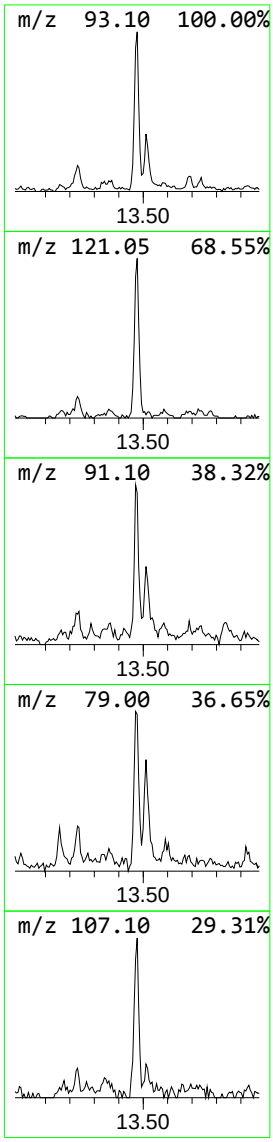
****

Peak Number 4 Camphene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	8.06 ug/l	83610	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	94
2	Camphene	136	C10H16	000079-92-5	83
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	68
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	68
5	(+)-4-Carene	136	C10H16	029050-33-7	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

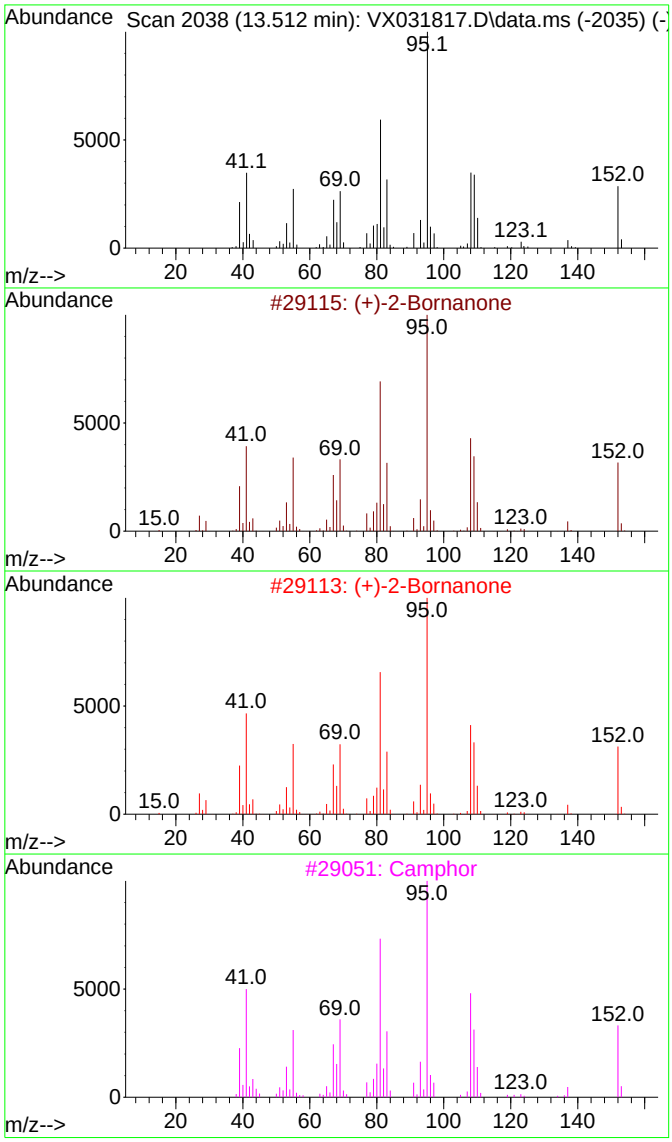
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

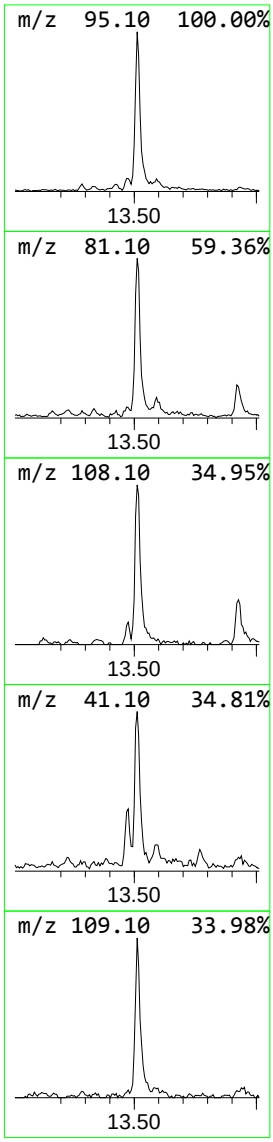
****

Peak Number 5 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	15.66 ug/l	162393	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Camphor	152	C10H16O	000076-22-2	97
4	Camphor	152	C10H16O	000076-22-2	96
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

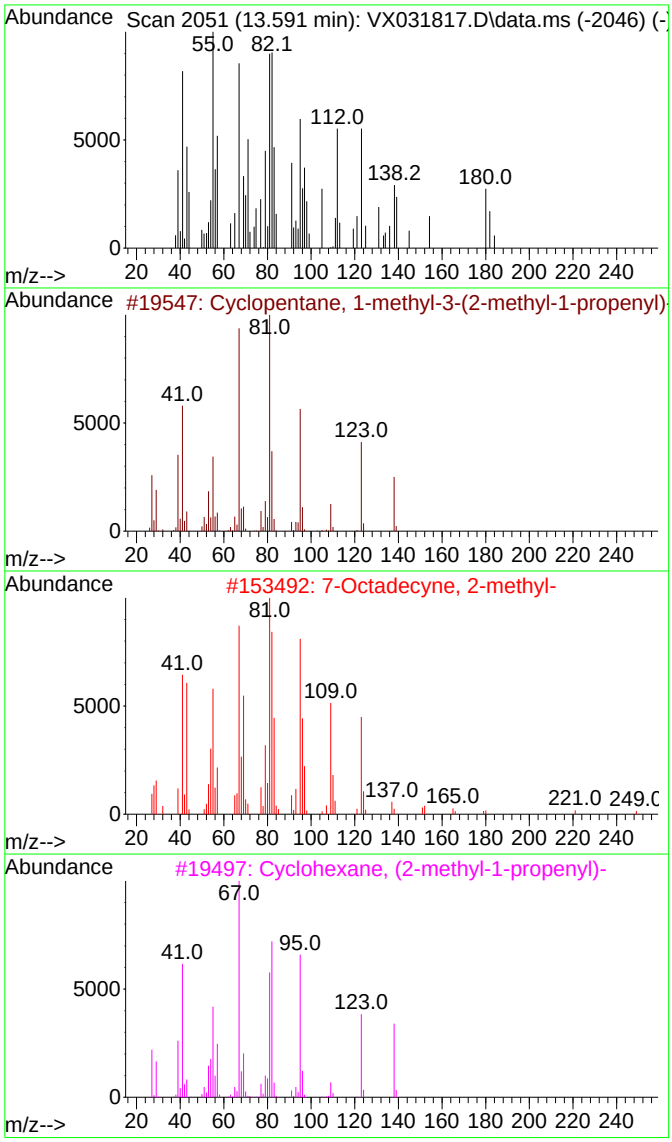
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

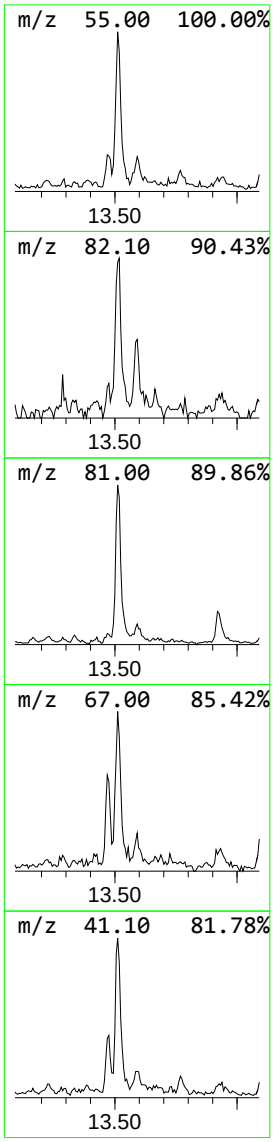
****

Peak Number 6 unknown13.591 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	3.15 ug/l	32701	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	49
2	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	47
3	Cyclohexane, (2-methyl-1-propenyl)-	138	C10H18	089656-98-4	46
4	9-Nonadecyne	264	C19H36	106073-69-2	43
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	43





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Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

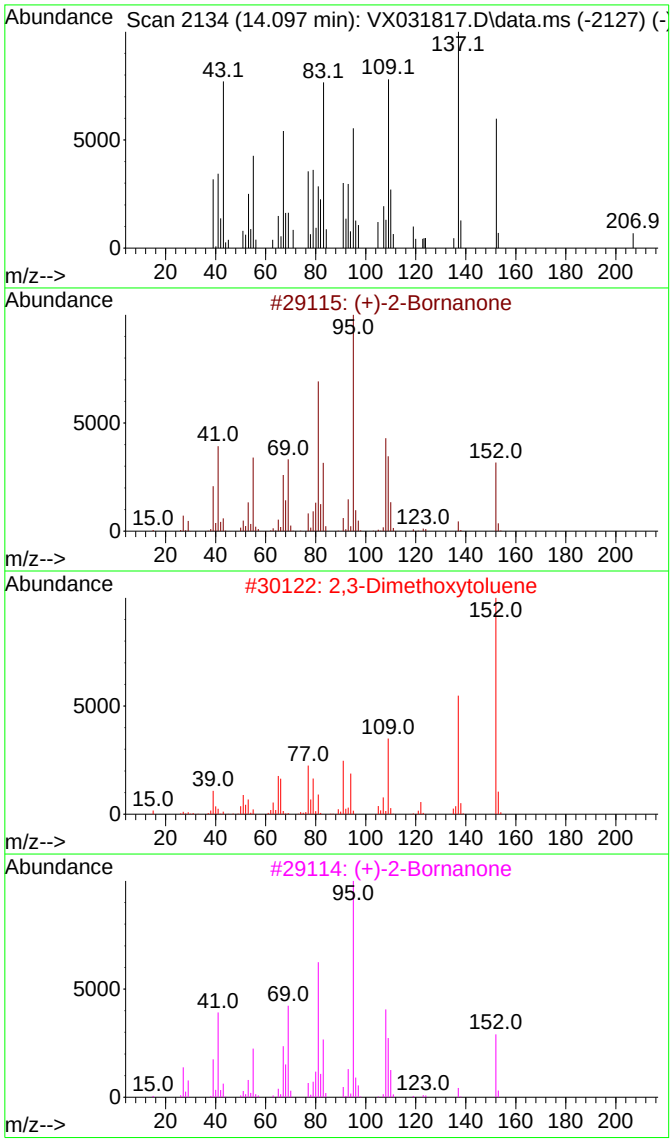
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

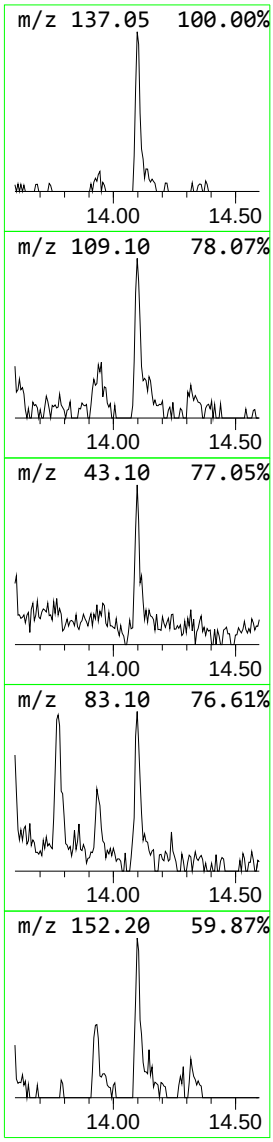
****

Peak Number 7 2,3-Dimethoxytoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	3.31 ug/l	34312	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	60
2	2,3-Dimethoxytoluene	152	C9H12O2	004463-33-6	55
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	53
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	53
5	3-Isopropylidene-5-methyl-hex-4-...	152	C10H16O	064149-32-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031817.D
Acq On : 30 Sep 2022 17:30
Operator : JC/MD
Sample : N4887-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
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
Tetrahydrofuran	5.013	134.7	ug/l	537252	1	4.904	119623	30.0
Butanamide	6.251	4.6	ug/l	37245	2	6.763	244529	30.0
L-Fenchone	12.908	9.9	ug/l	102273	3	10.055	311081	30.0
Camphene	13.475	8.1	ug/l	83610	3	10.055	311081	30.0
(+)-2-Bornanone	13.512	15.7	ug/l	162393	3	10.055	311081	30.0
unknown13.591	13.591	3.1	ug/l	32701	3	10.055	311081	30.0
2,3-Dimethoxyto...	14.097	3.3	ug/l	34312	3	10.055	311081	30.0