LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

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\624X051524W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.538	71	74	83	rBV	40806	47816	1.52%	0.486%
2	2.398	207	215	234	rBV	1579959	3144888	100.00%	31.941%
3	2.599	238	248	262	rVV	506099	1560430	49.62%	15.848%
4	2.709	262	266	275	rVB	19013	41860	1.33%	0.425%
5	4.568	562	571	593	rBV	180210	570195	18.13%	5.791%
6	4.904	616	626	641	rBV2	46705	149542	4.76%	1.519%
7	5.056	641	651	674	rVV	46821	198804	6.32%	2.019%
8	5.958	789	799	812	rBV	58812	159008	5.06%	1.615%
9	6.757	922	930	948	rVB	124606	304137	9.67%	3.089%
10	8.647	1234	1240	1246	rVV	260410	411721	13.09%	4.182%
11	8.714	1246	1251	1269	rVB	1236829	1918893	61.02%	19.489%
12	10.055	1466	1471	1483	rVB	264523	360218	11.45%	3.659%
13	11.079	1630	1639	1649	rBV	221430	299694	9.53%	3.044%
14	11.701	1736	1741	1746	rVB	43352	60262	1.92%	0.612%
15	11.768	1746	1752	1760	rVB2	55469	98175	3.12%	0.997%
16	11.890	1767	1772	1782	rVB3	97217	160050	5.09%	1.626%
17	12.091	1801	1805	1808	rBV3	50069	79029	2.51%	0.803%
18	12.219	1821	1826	1839	rBV	63848	114647	3.65%	1.164%
19	13.335	2005	2009	2015	rVB	39701	50543	1.61%	0.513%
20	13.591	2046	2051	2060	rBV5	23083	38065	1.21%	0.387%
21	14.640	2215	2223	2230	rBV	22206	33508	1.07%	0.340%
22	14.792	2243	2248	2255	rVB2	23208	44496	1.41%	0.452%

Sum of corrected areas: 9845981

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
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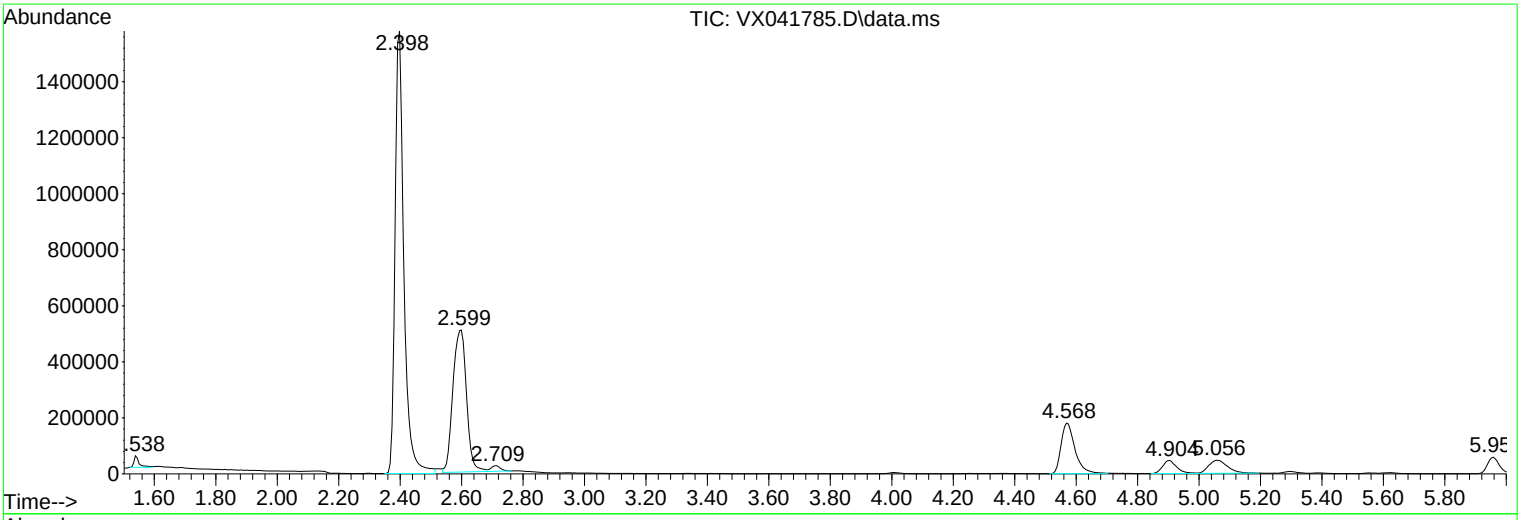
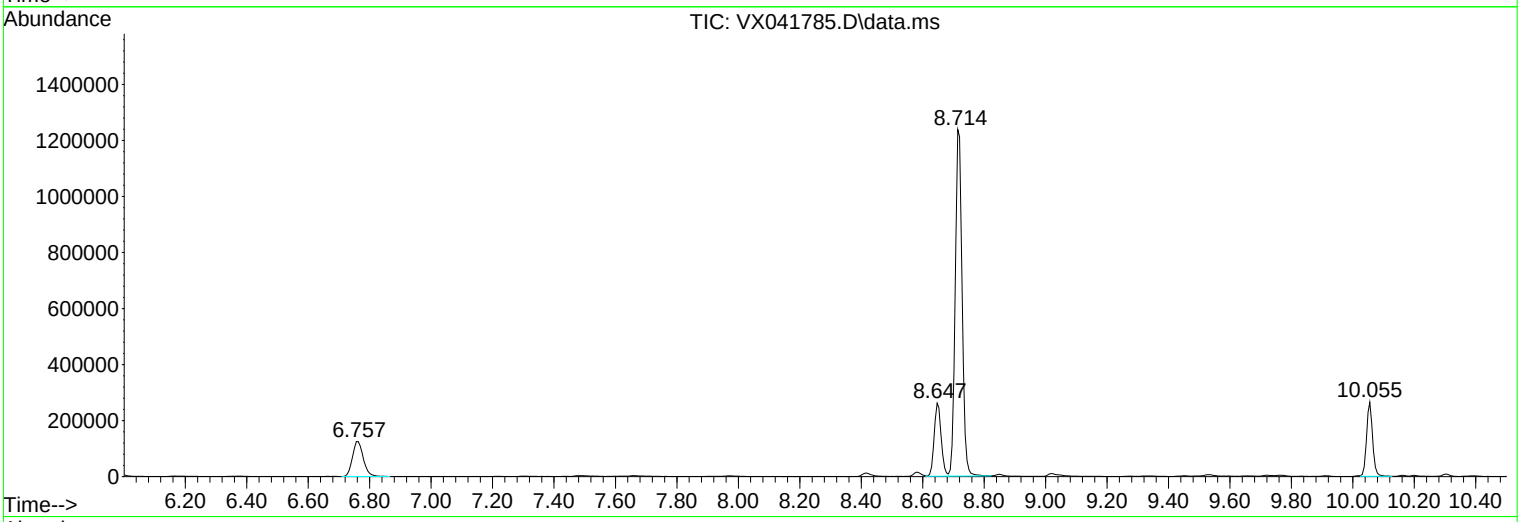
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

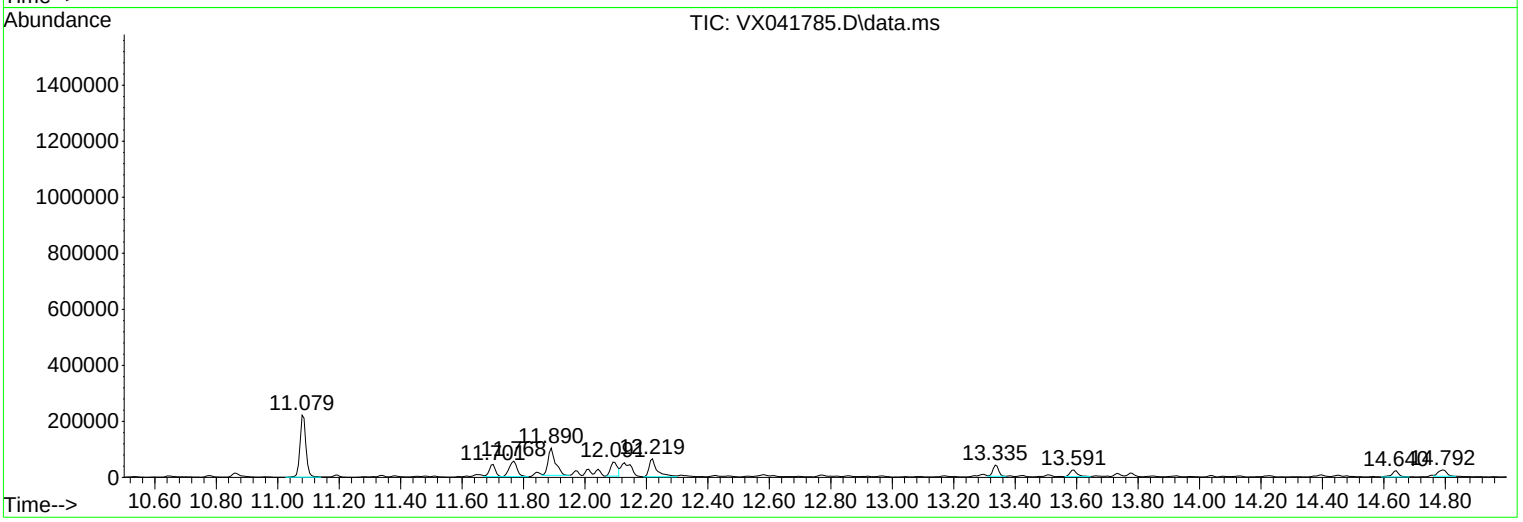
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.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 : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

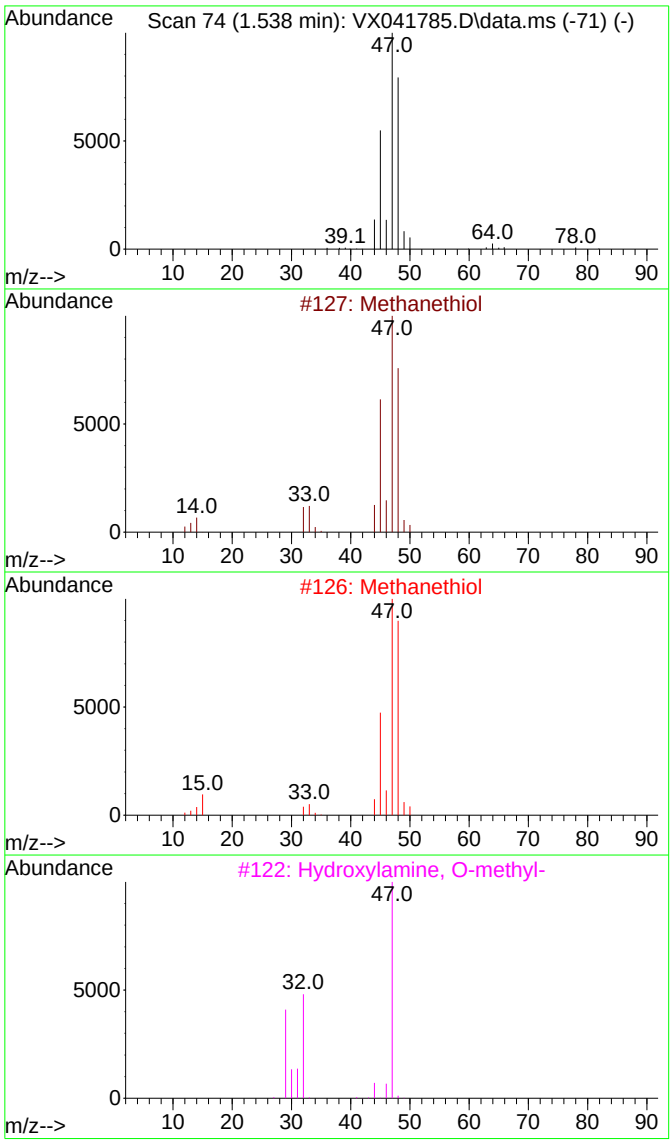
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

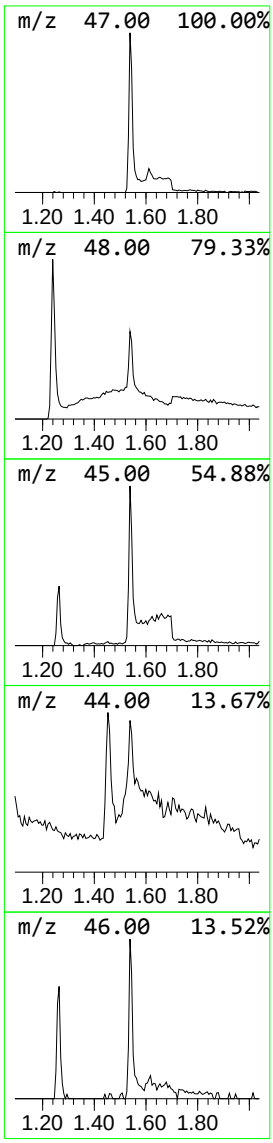
****

Peak Number 1 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.538	9.59 ug/l	47816	Bromochloromethane	4.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4
5	Formamide	45	CH3NO	000075-12-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

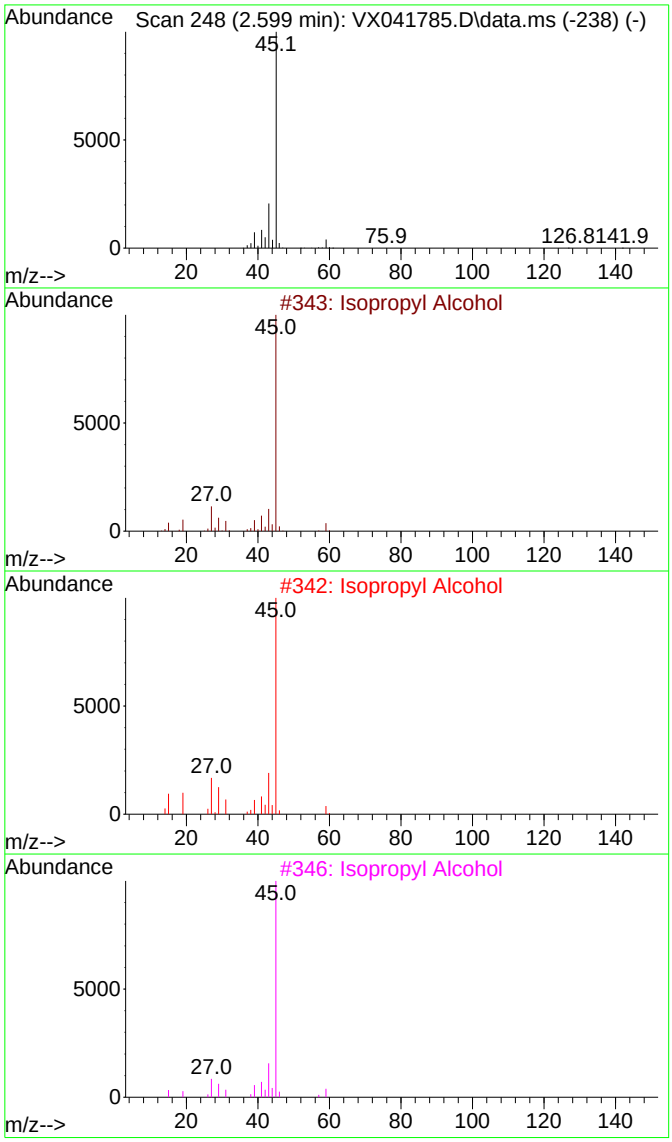
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

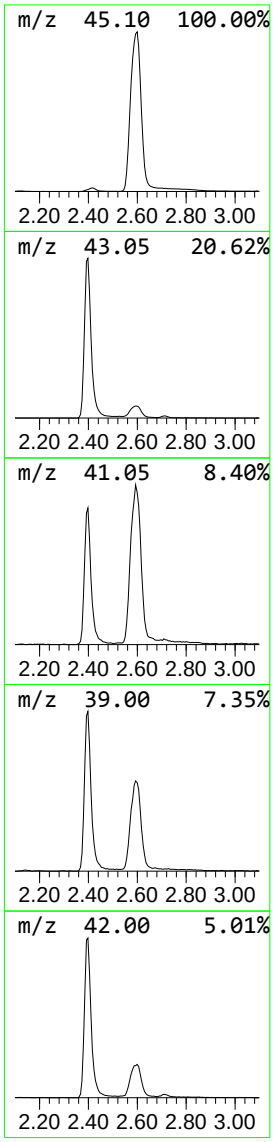
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.599	313.04 ug/l	1560430	Bromochloromethane	4.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

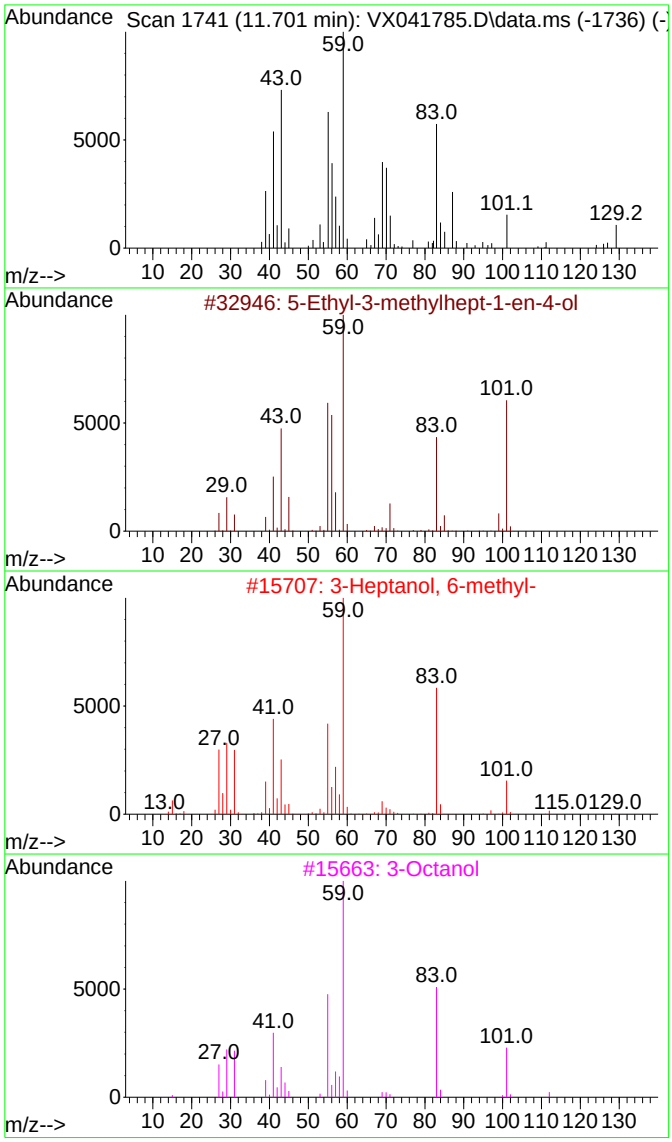
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

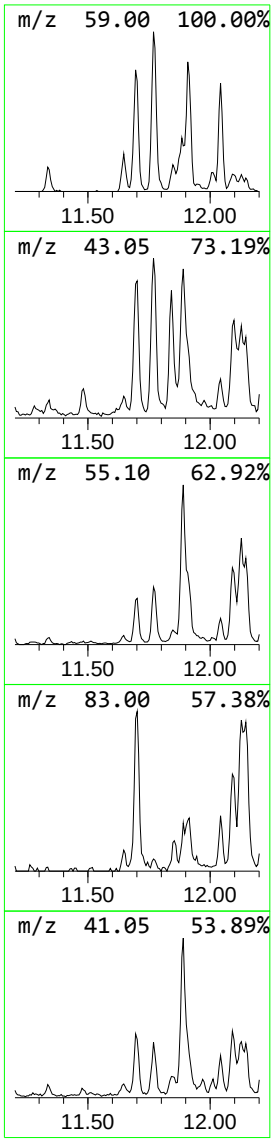
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 5-Ethyl-3-methylhept-1-en-4-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.701	5.02 ug/l	60262	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	59
2	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	47
3	3-Octanol	130	C8H18O	000589-98-0	43
4	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	43
5	Heptane, 1-ethoxy-	144	C9H20O	001969-43-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

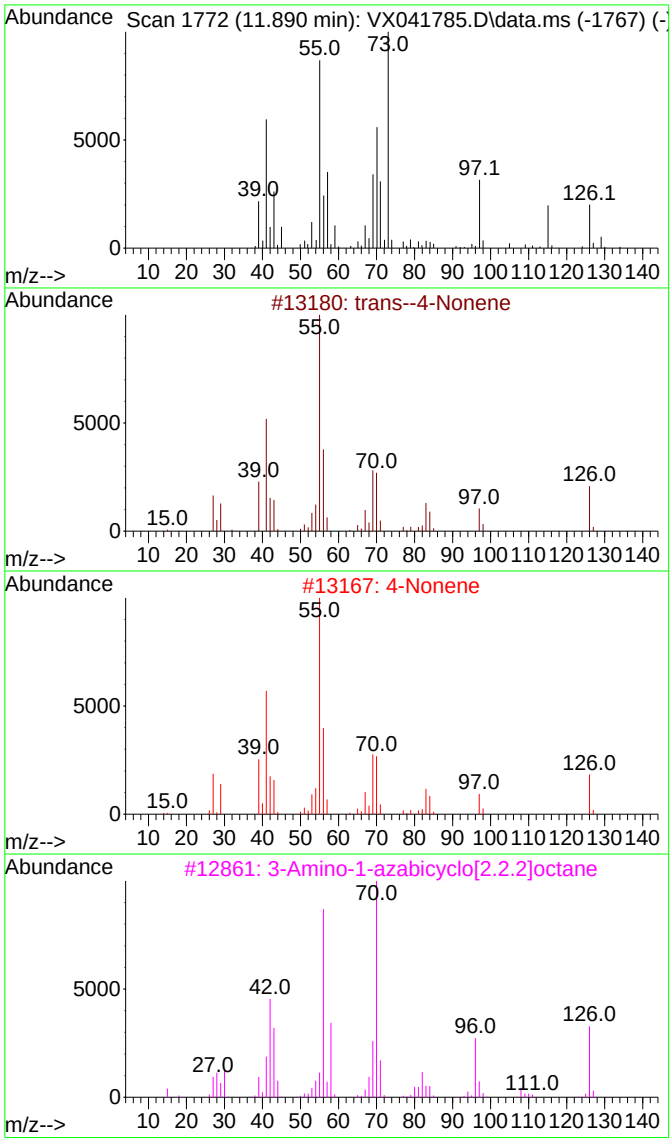
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

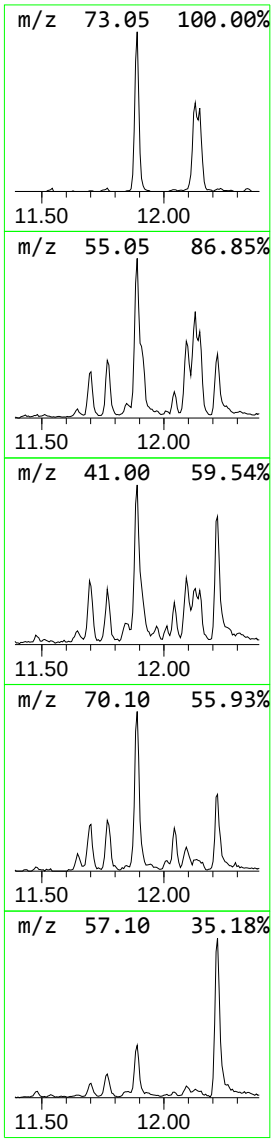
****

Peak Number 4 unknown11.890 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	13.33 ug/l	160050	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans--4-Nonene	126	C9H18	010405-85-3	35
2	4-Nonene	126	C9H18	002198-23-4	35
3	3-Amino-1-azabicyclo[2.2.2]octane	126	C7H14N2	006238-14-8	35
4	cis-4-Nonene	126	C9H18	010405-84-2	27
5	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

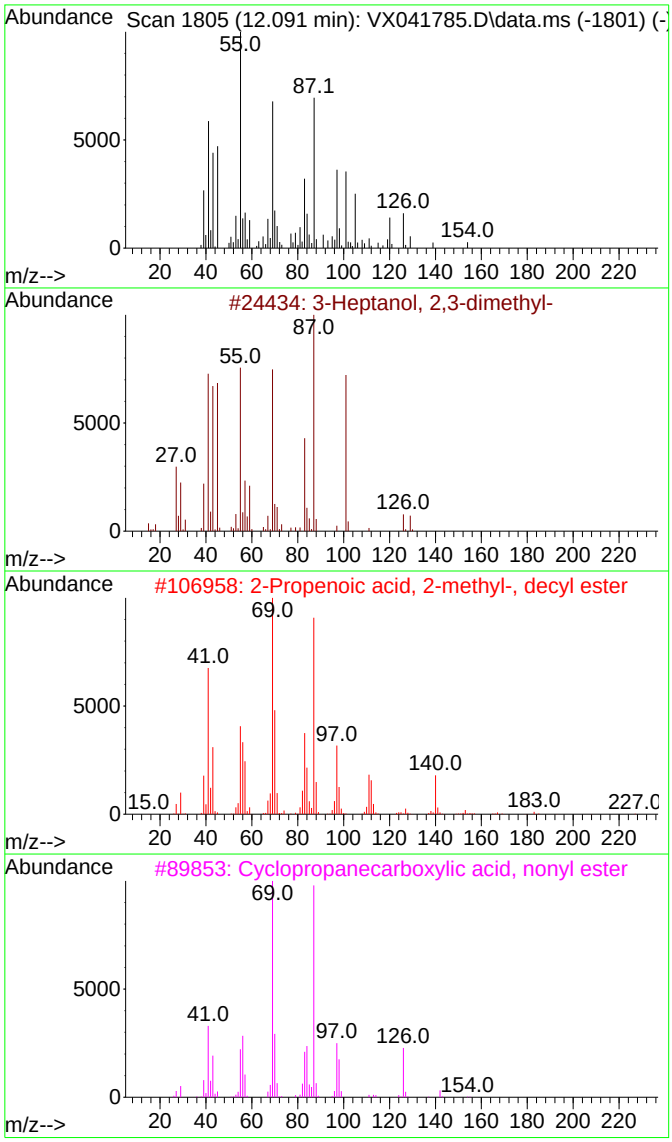
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

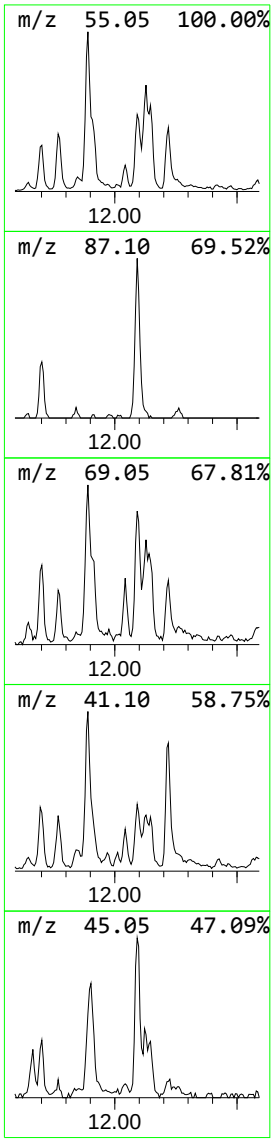
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Heptanol, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	6.58 ug/l	79029	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 2,3-dimethyl-	144	C9H20O	019549-71-4	50
2	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	38
3	Cyclopropanecarboxylic acid, non...	212	C13H24O2	060128-06-5	35
4	N,N-Dimethylvaleramide	129	C7H15NO	006225-06-5	27
5	3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

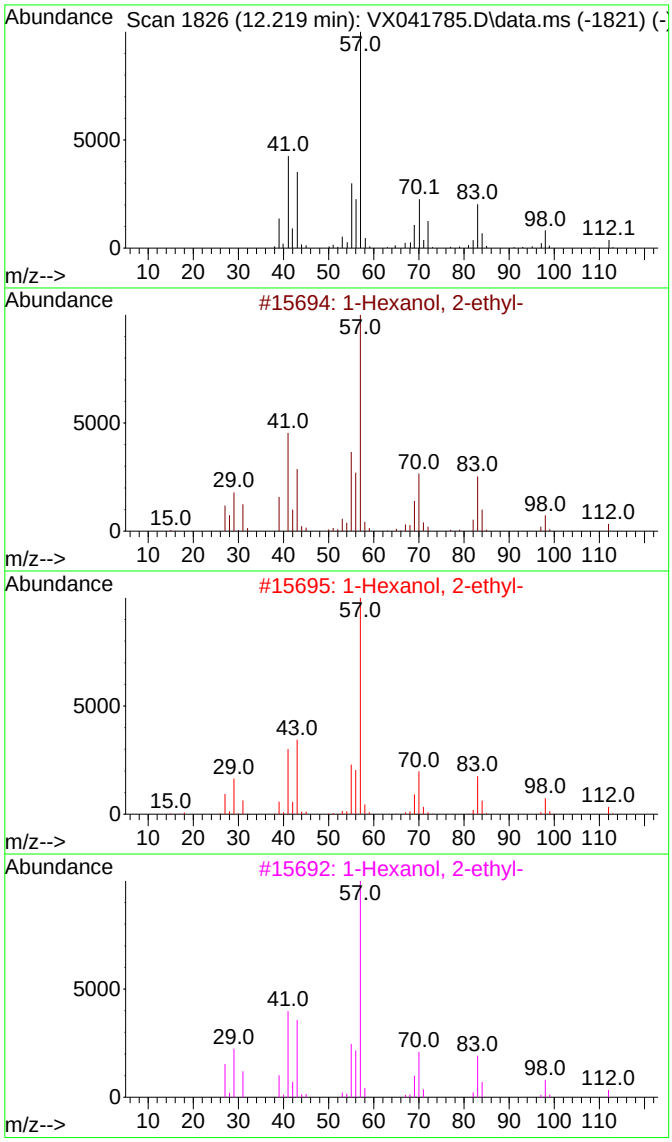
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

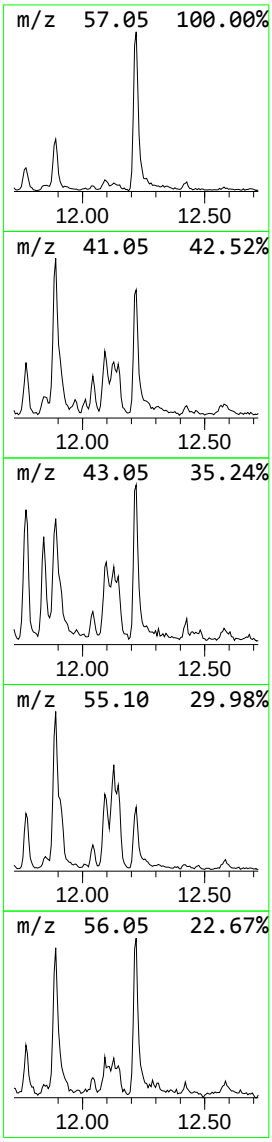
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	9.55 ug/l	114647	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
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Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

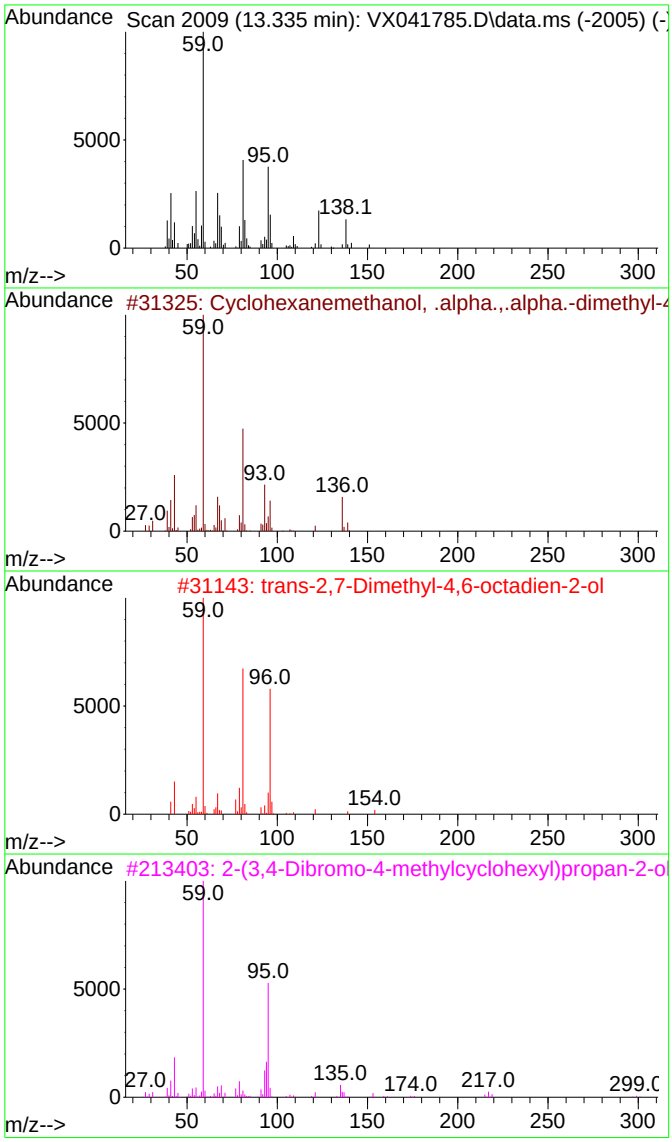
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

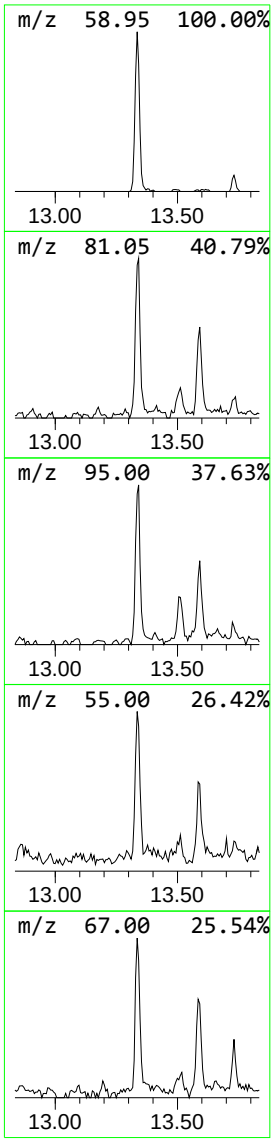
****

Peak Number 7 unknown13.335 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	4.21 ug/l	50543	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	154	C10H18O	007299-42-5	40
2	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1010281-69-5	38
3	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	38
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	33
5	S-(+)-5-(1-Hydroxy-1-methylethyl...	168	C10H16O2	060593-11-5	28





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Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

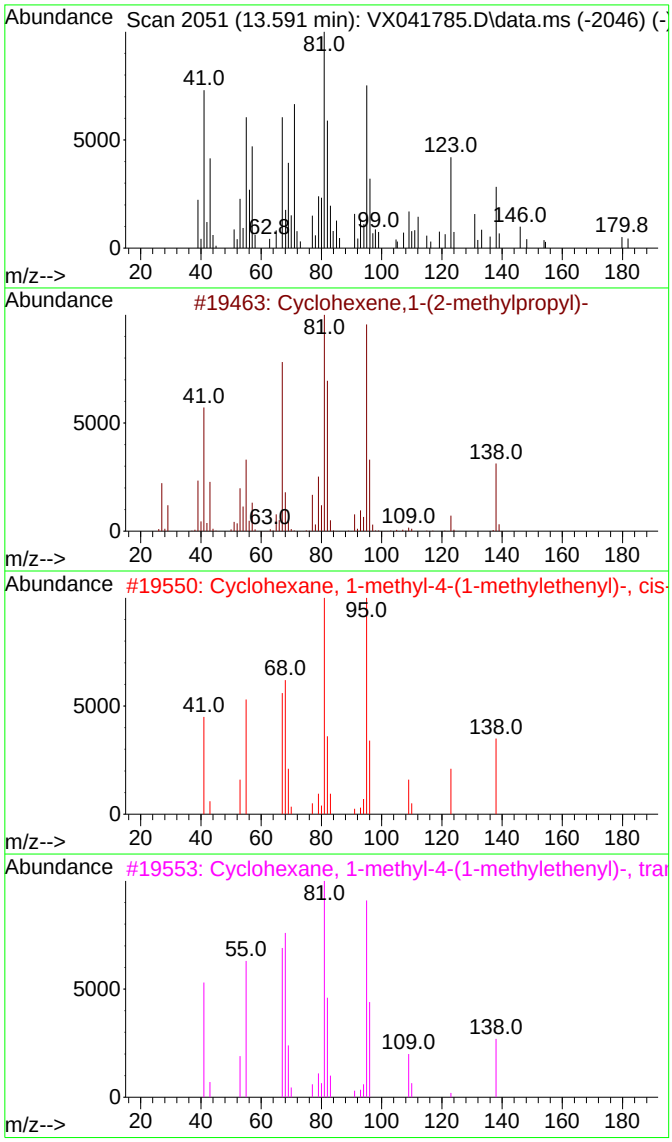
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

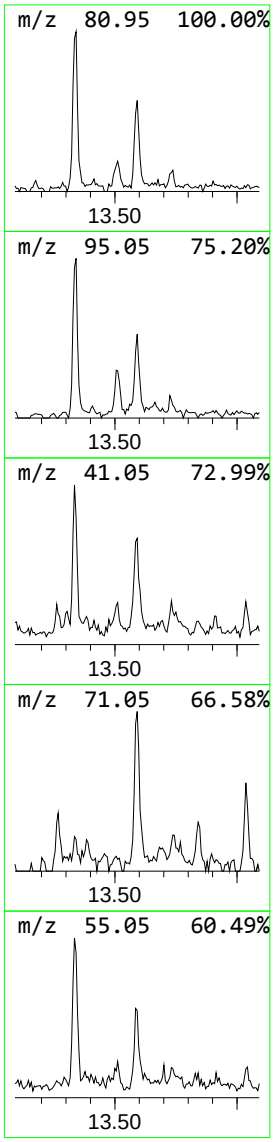
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexene,1-(2-methylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	3.17 ug/l	38065	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	95
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	70
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	64
4	Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	64
5	dl-Menthol	156	C10H20O	000089-78-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

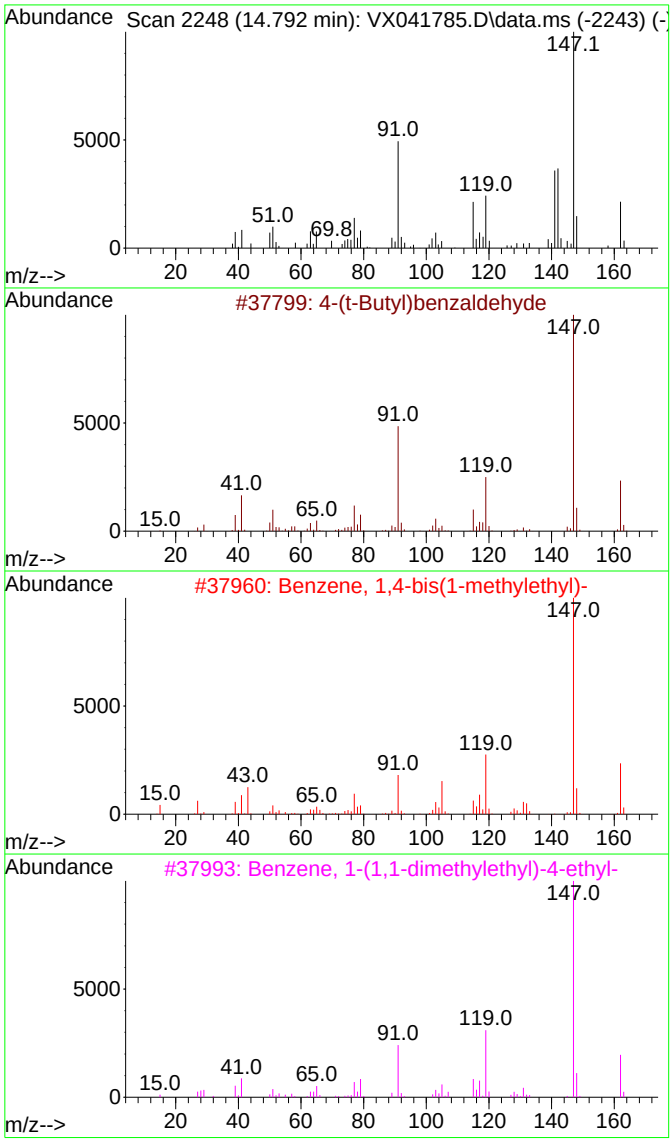
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

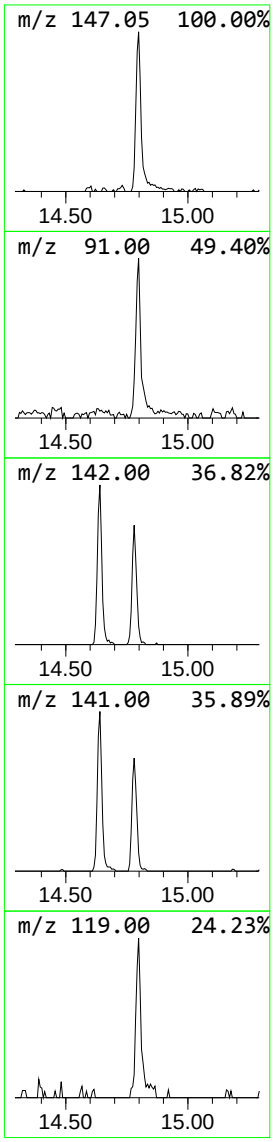
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4-(t-Butyl)benzaldehyde Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	3.71 ug/l	44496	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(t-Butyl)benzaldehyde	162	C11H14O	000939-97-9	96
2	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	64
3	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	64
4	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	58
5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041785.D
Acq On : 07 Jun 2024 13:04
Operator : JC/MD
Sample : P2751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.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
Methanethiol	1.538	9.6	ug/l	47816	1	4.904	149542	30.0
Isopropyl Alcohol	2.599	313.0	ug/l	1560430	1	4.904	149542	30.0
5-Ethyl-3-methy...	11.701	5.0	ug/l	60262	3	10.055	360218	30.0
unknown11.890	11.890	13.3	ug/l	160050	3	10.055	360218	30.0
3-Heptanol, 2,3...	12.091	6.6	ug/l	79029	3	10.055	360218	30.0
1-Hexanol, 2-et...	12.219	9.6	ug/l	114647	3	10.055	360218	30.0
unknown13.335	13.335	4.2	ug/l	50543	3	10.055	360218	30.0
Cyclohexene,1-(...	13.591	3.2	ug/l	38065	3	10.055	360218	30.0
4-(t-Butyl)benz...	14.792	3.7	ug/l	44496	3	10.055	360218	30.0