LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(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: VX041786.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	82	rBV	64673	75282	2.21%	0.711%
2	2.392	207	214	235	rBV	1906157	3408070	100.00%	32.202%
3	2.569	235	243	261	rVV	933346	1724466	50.60%	16.294%
4	4.562	561	570	590	rBV	214701	618682	18.15%	5.846%
5	4.897	615	625	638	rBV2	47052	150680	4.42%	1.424%
6	5.032	638	647	669	rVB	67055	236440	6.94%	2.234%
7	5.958	789	799	812	rBV	56414	152359	4.47%	1.440%
8	6.763	921	931	943	rBV	120846	293822	8.62%	2.776%
9	8.647	1234	1240	1246	rVV	247688	389240	11.42%	3.678%
10	8.720	1246	1252	1267	rVB	1284814	2002129	58.75%	18.918%
11	10.055	1466	1471	1483	rVB	258190	359723	10.56%	3.399%
12	10.860	1598	1603	1614	rVB2	20489	34127	1.00%	0.322%
13	11.079	1631	1639	1651	rBV	230970	329392	9.67%	3.112%
14	11.597	1720	1724	1729	rBV2	23179	37709	1.11%	0.356%
15	11.695	1737	1740	1746	rVB	48155	64823	1.90%	0.613%
16	11.768	1746	1752	1760	rVB2	59771	116598	3.42%	1.102%
17	11.890	1767	1772	1781	rVB3	103331	172095	5.05%	1.626%
18	12.091	1801	1805	1808	rBV3	55090	86125	2.53%	0.814%
19	12.219	1821	1826	1839	rBV	72765	126640	3.72%	1.197%
20	13.335	2005	2009	2014	rVB	48789	59287	1.74%	0.560%
21	13.585	2045	2050	2059	rBV5	28060	46672	1.37%	0.441%
22	14.640	2215	2223	2227	rBV	27142	39651	1.16%	0.375%
23	14.792	2243	2248	2255	rVB2	32045	59284	1.74%	0.560%

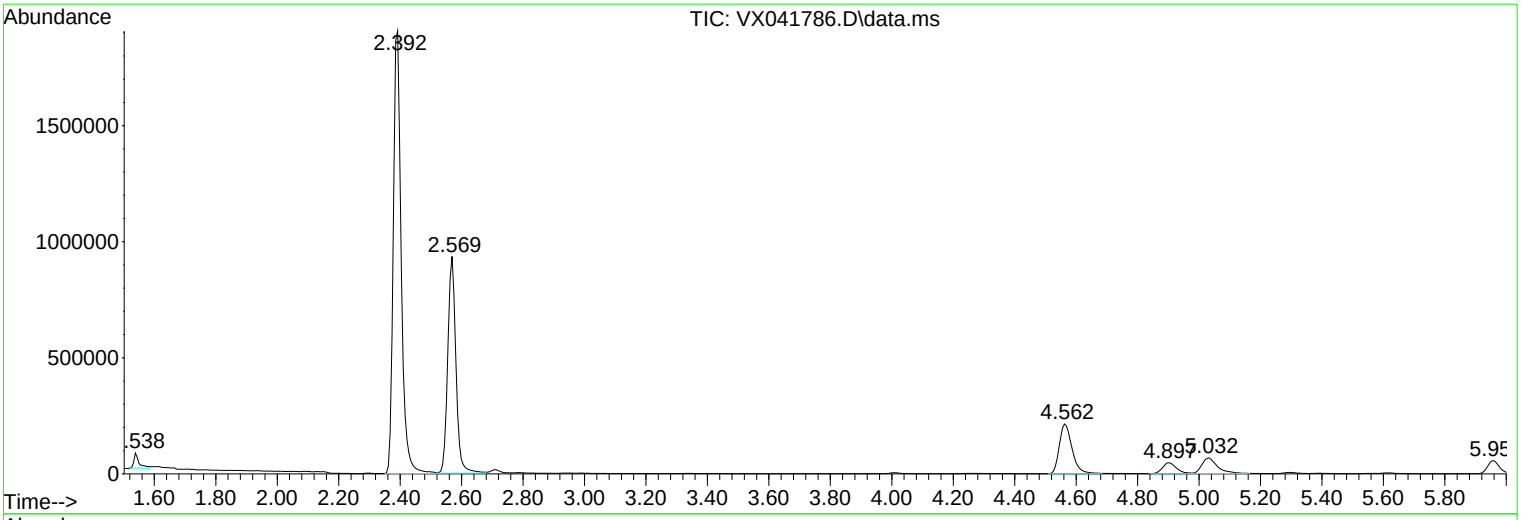
Sum of corrected areas: 10583296

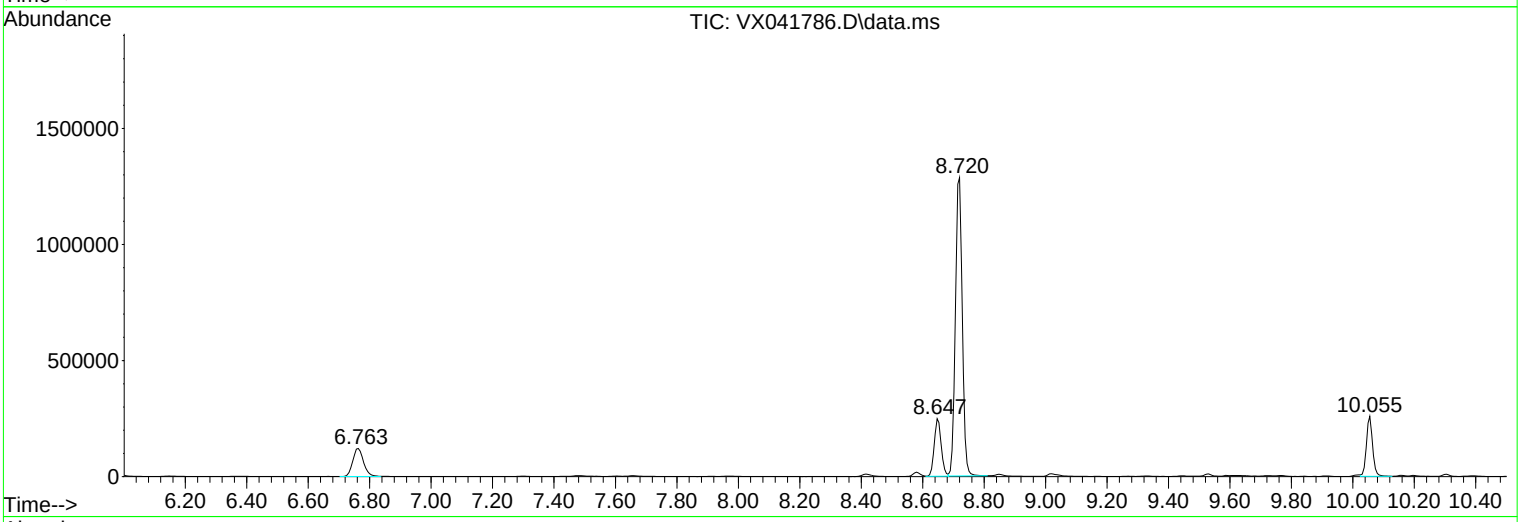
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

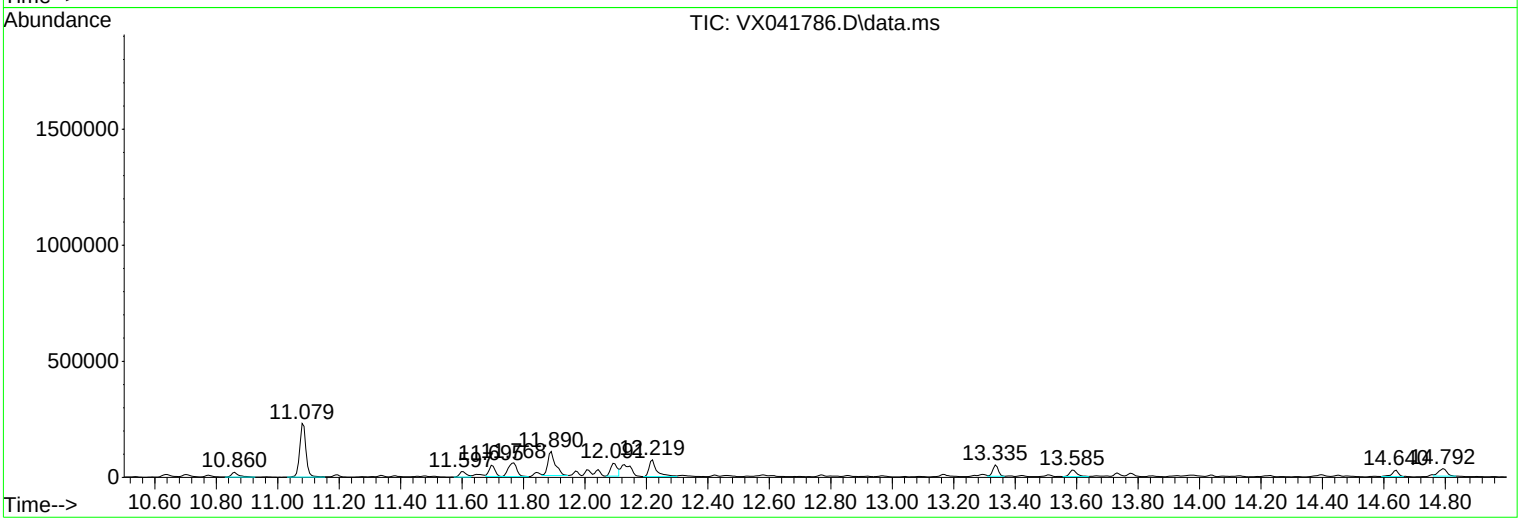
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
002-35TH-AVE(JUN)

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

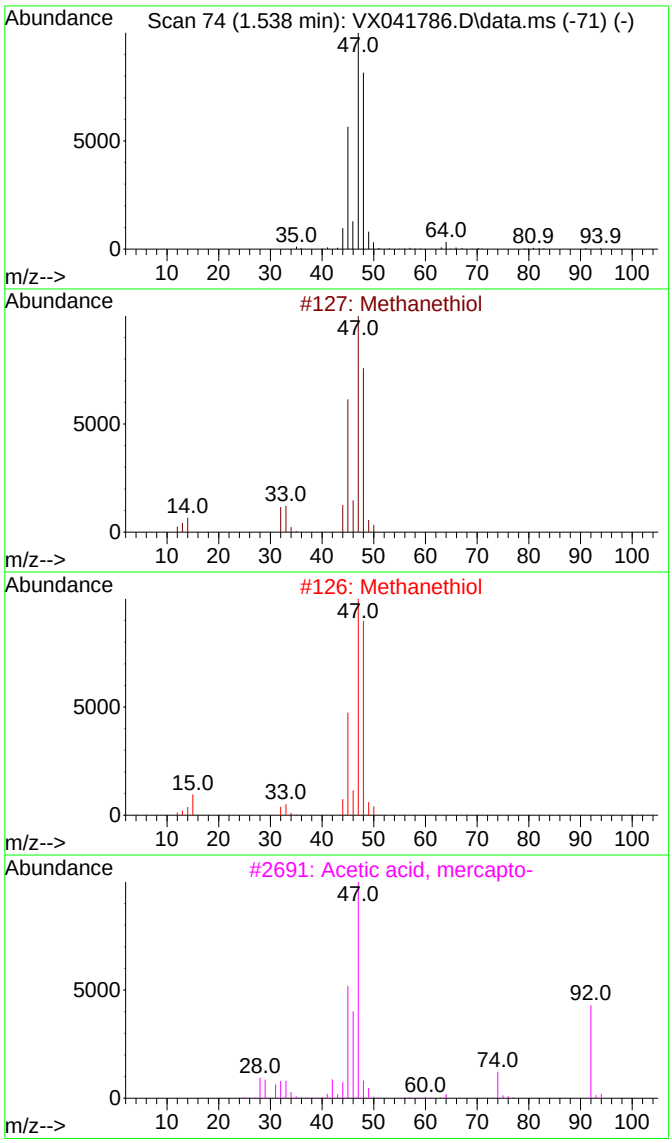
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

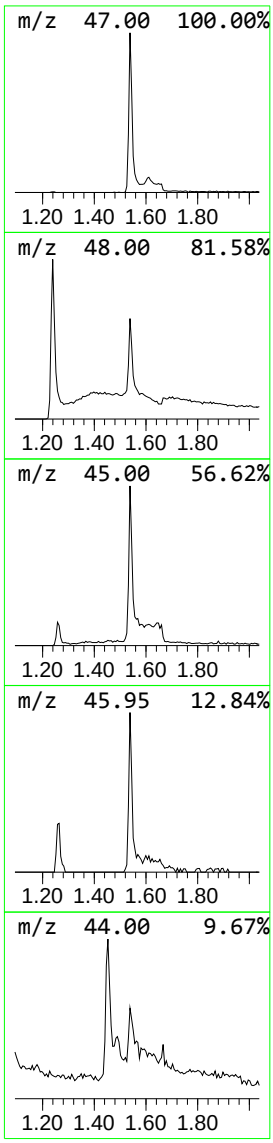
****

Peak Number 1 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.538	14.99 ug/l	75282	Bromochloromethane	4.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	80
3	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	28
4	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	28
5	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

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

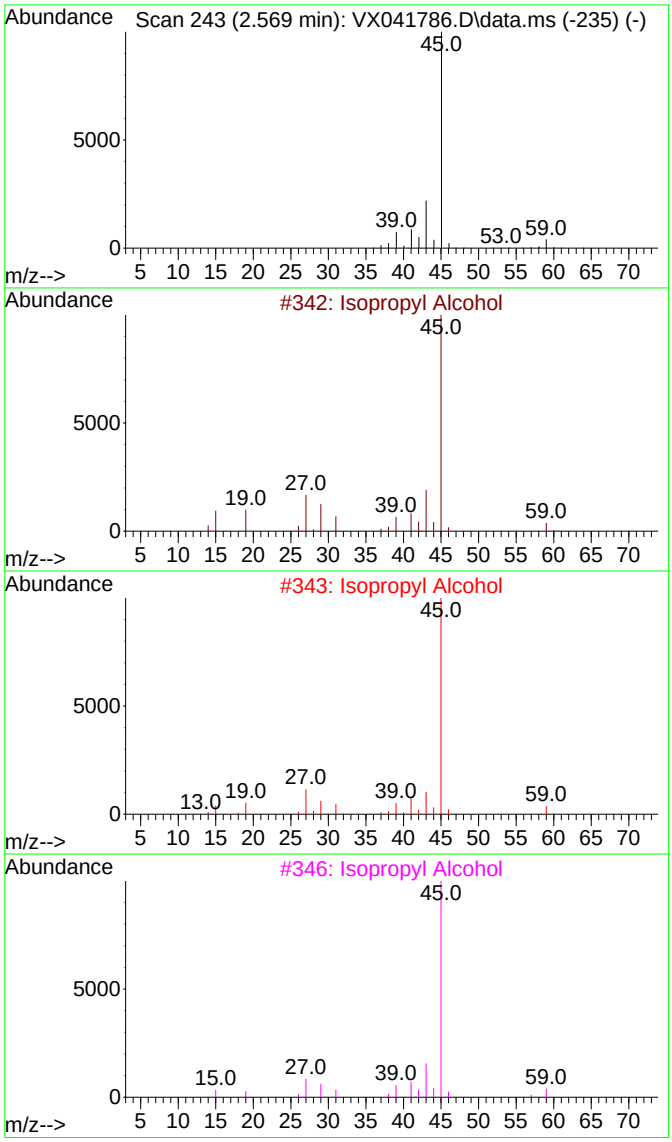
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

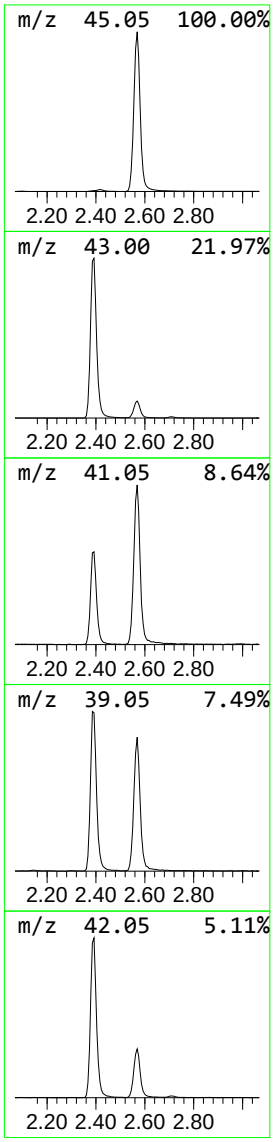
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.569	343.34 ug/l	1724470	Bromochloromethane	4.910

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	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

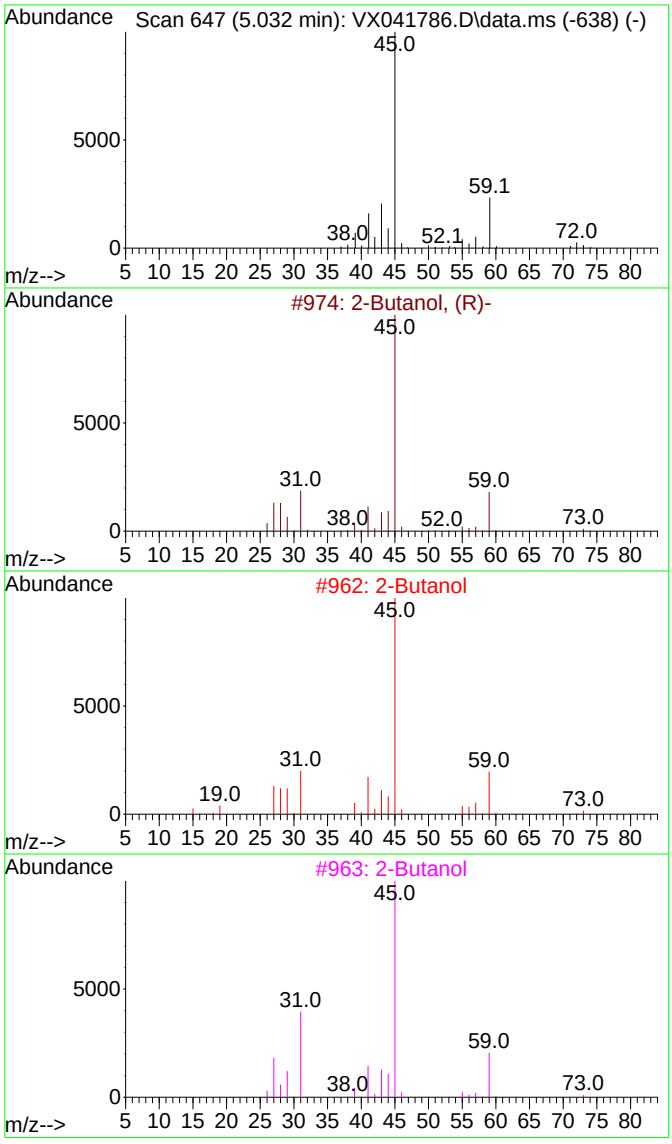
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

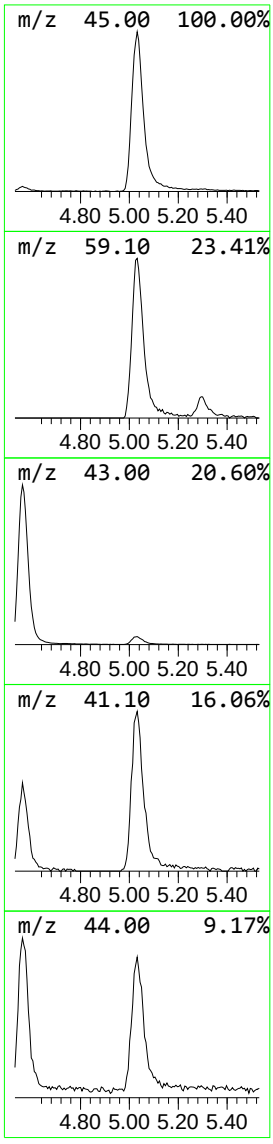
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butanol, (R)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.032	47.07 ug/l	236440	Bromochloromethane	4.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, (R)-	74	C4H10O	014898-79-4	83
2	2-Butanol	74	C4H10O	000078-92-2	83
3	2-Butanol	74	C4H10O	000078-92-2	78
4	2-Butanol	74	C4H10O	000078-92-2	78
5	2-Butanol, (R)-	74	C4H10O	014898-79-4	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

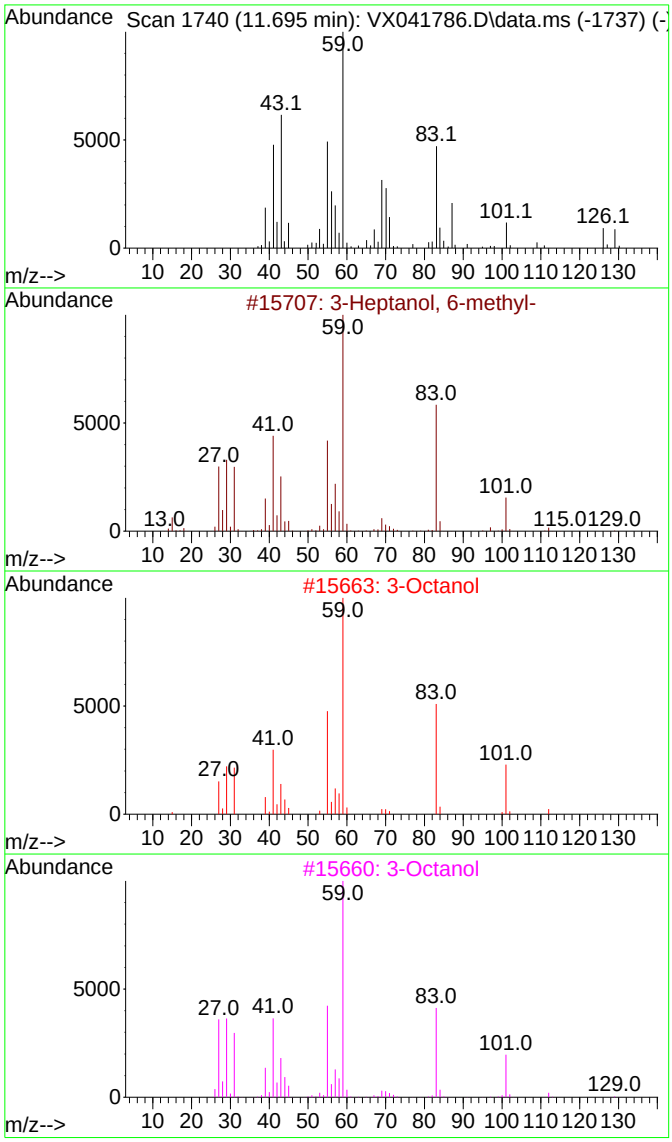
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

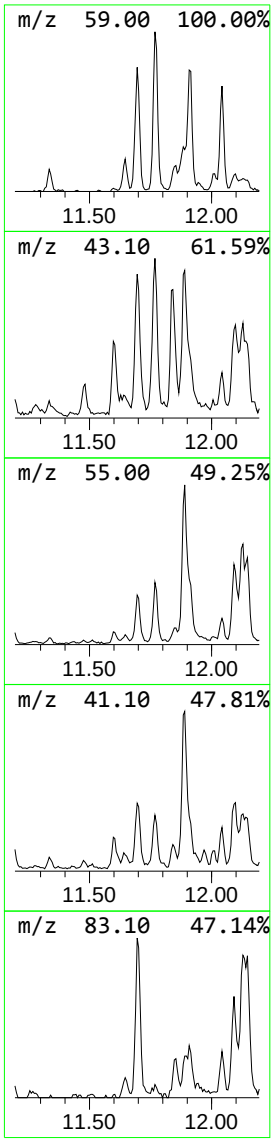
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown11.695 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.695	5.41 ug/l	64823	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	47
2	3-Octanol	130	C8H18O	000589-98-0	38
3	3-Octanol	130	C8H18O	000589-98-0	38
4	Hexylene glycol	118	C6H14O2	000107-41-5	35
5	Butanoic acid, 3-methoxy-	118	C5H10O3	010024-70-1	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

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

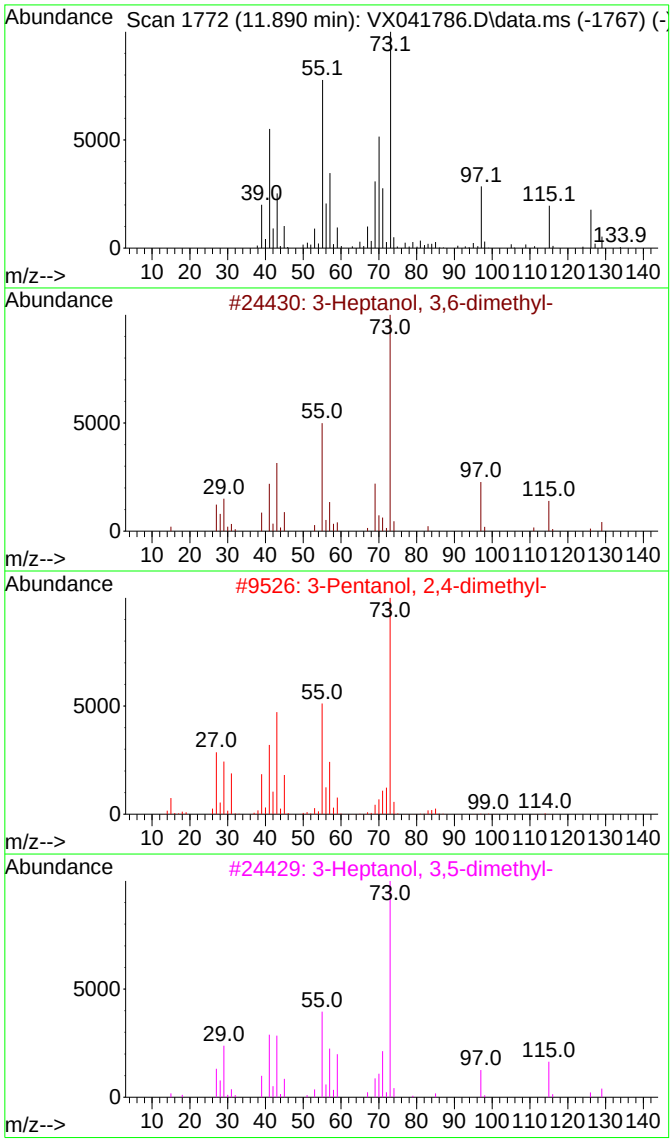
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

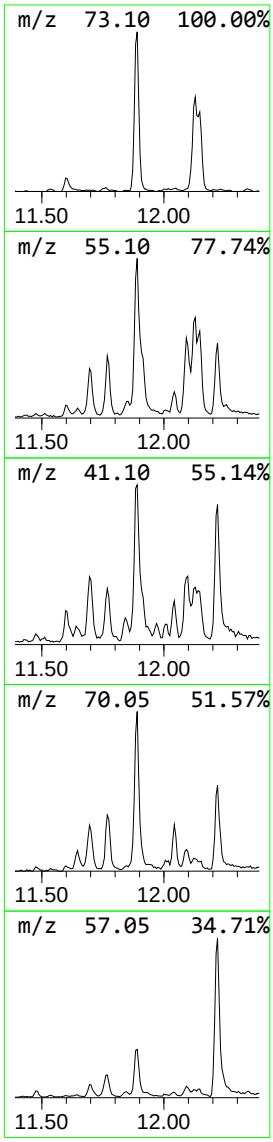
****

Peak Number 5 unknown11.890 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	14.35 ug/l	172095	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	43
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	35
3	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	32
4	1-Decene, 8-methyl-	154	C11H22	061142-79-8	25
5	1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

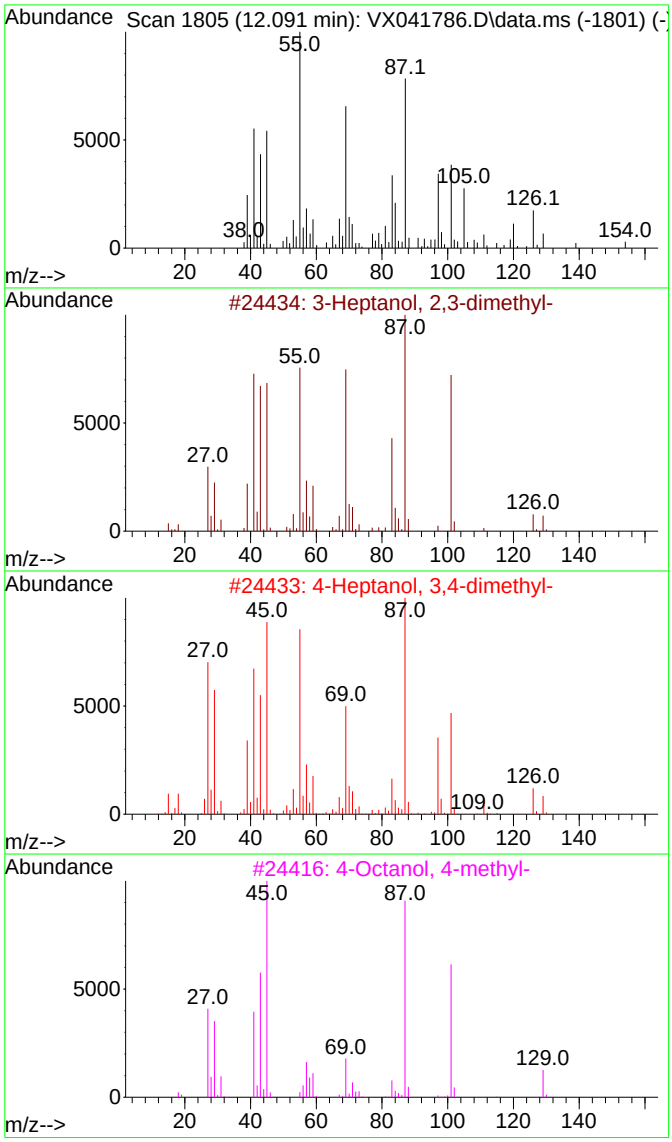
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

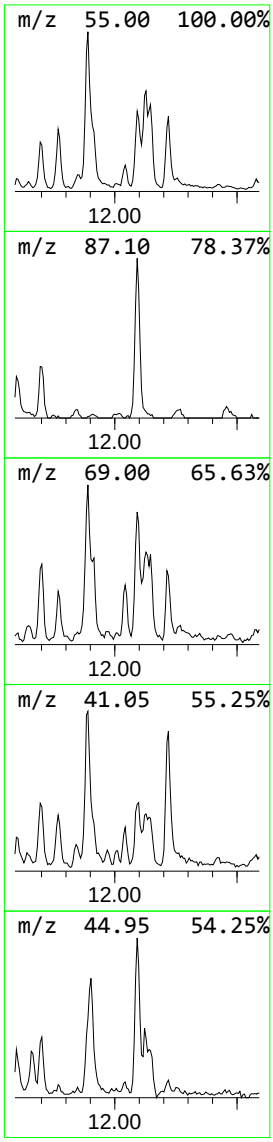
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-Heptanol, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	7.18 ug/l	86125	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 2,3-dimethyl-	144	C9H20O	019549-71-4	64
2	4-Heptanol, 3,4-dimethyl-	144	C9H20O	005406-10-0	59
3	4-Octanol, 4-methyl-	144	C9H20O	023418-37-3	35
4	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	35
5	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

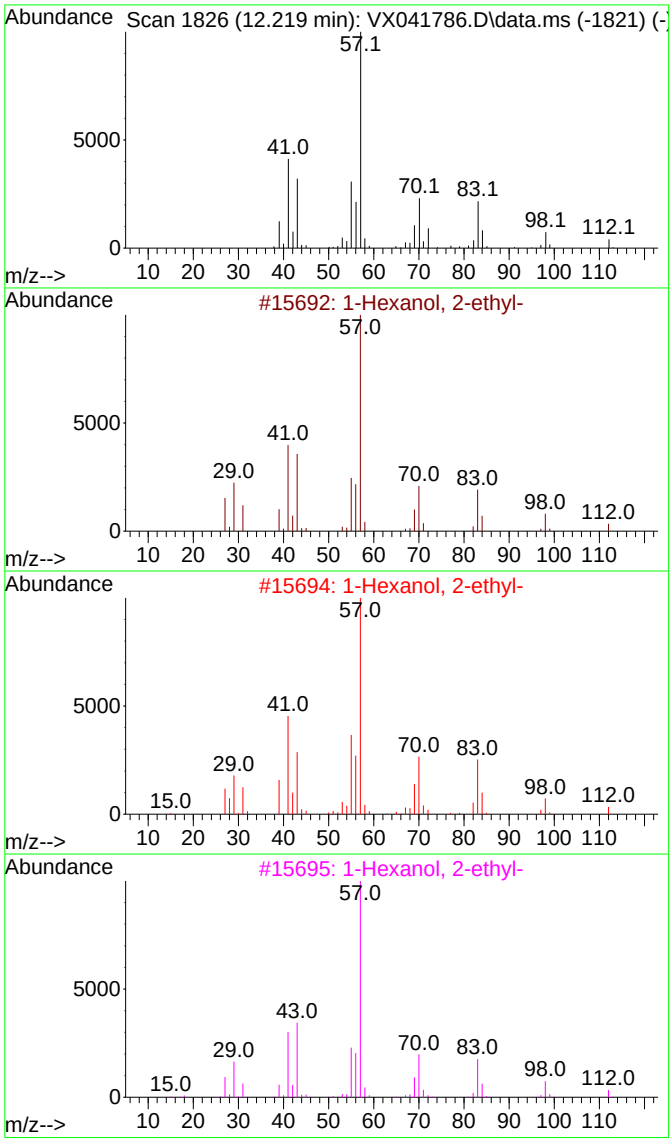
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

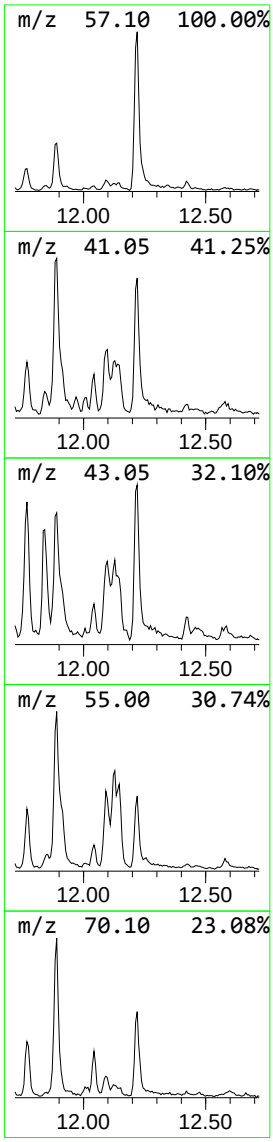
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.219	10.56 ug/l	126640	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	86
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59





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ClientSampleId :
002-35TH-AVE(JUN)

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

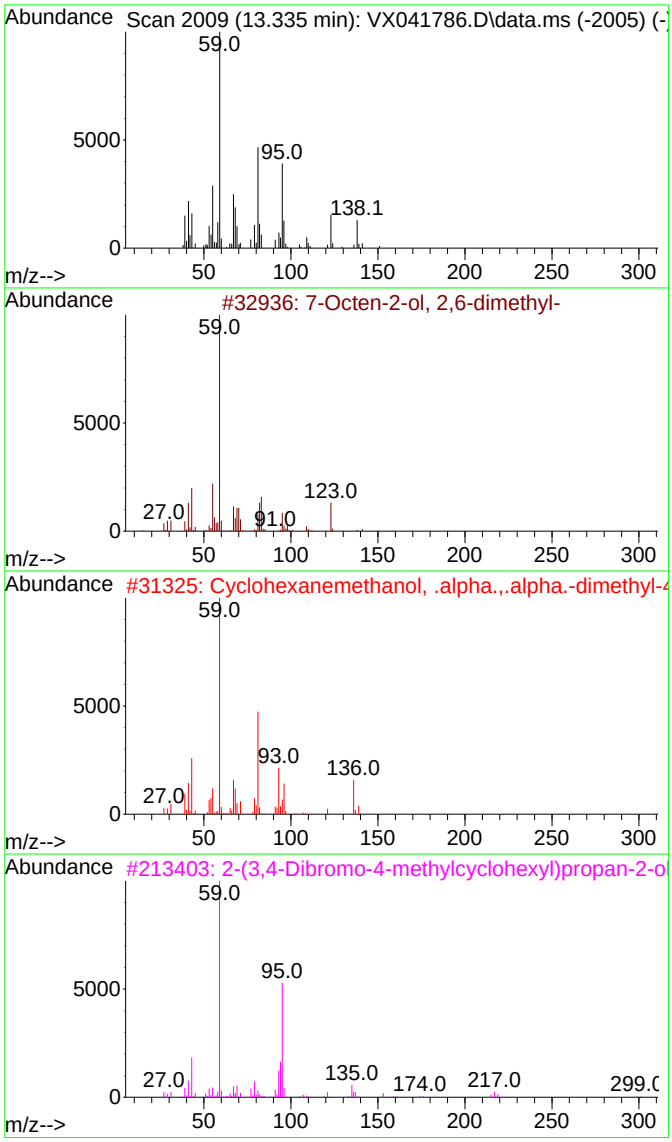
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

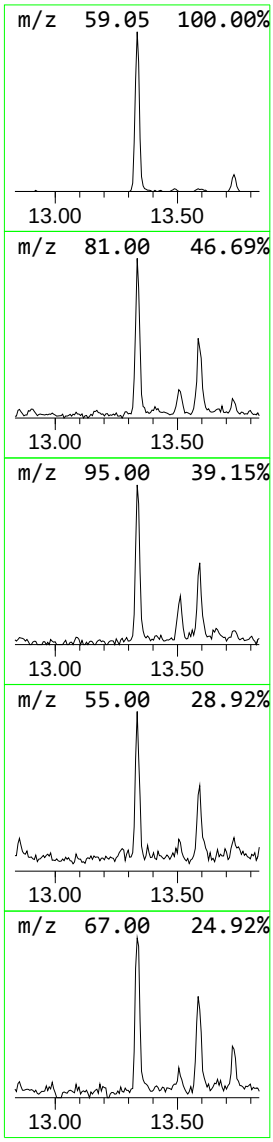
****

Peak Number 8 unknown13.335 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	4.94 ug/l	59287	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	38
2	Cyclohexanemethanol, .alpha.,.al...	154	C10H18O	007299-42-5	38
3	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	38
4	S-(+)-5-(1-Hydroxy-1-methylethyl...	168	C10H16O2	060593-11-5	33
5	8-Hydroxycarvotanacetone	168	C10H16O2	007712-46-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

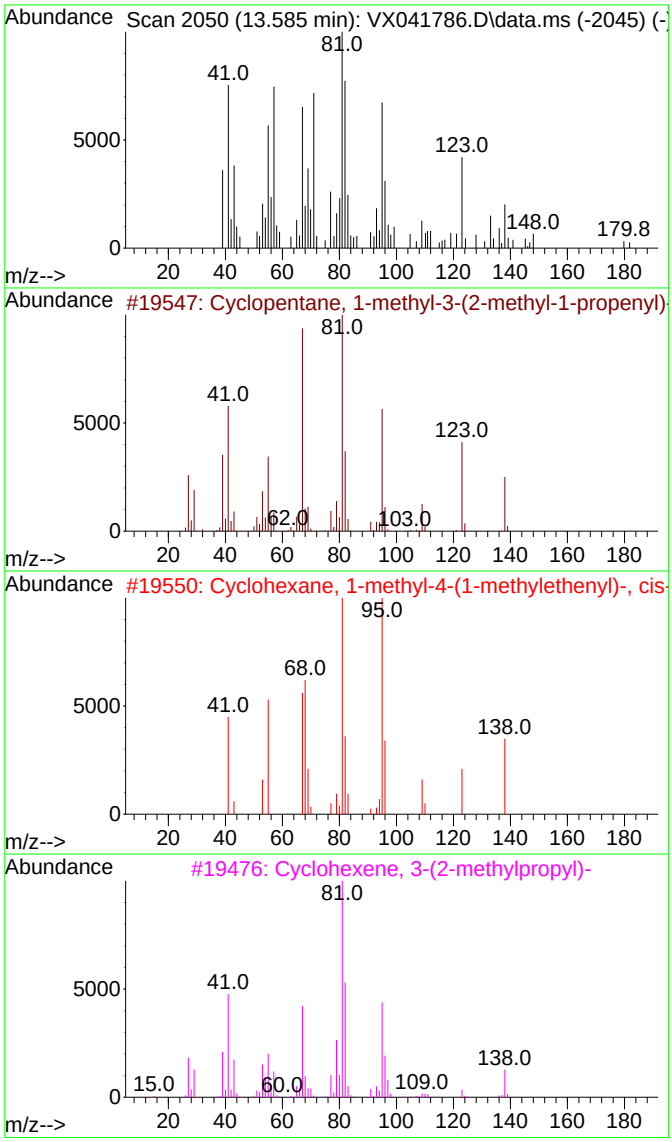
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

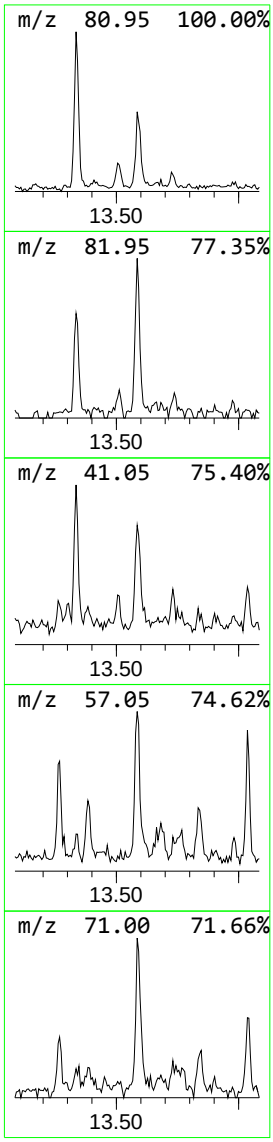
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopentane, 1-methyl-3-(2... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.585	3.89 ug/l	46672	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	64
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	53
3	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	50
4	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	49
5	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUN)

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

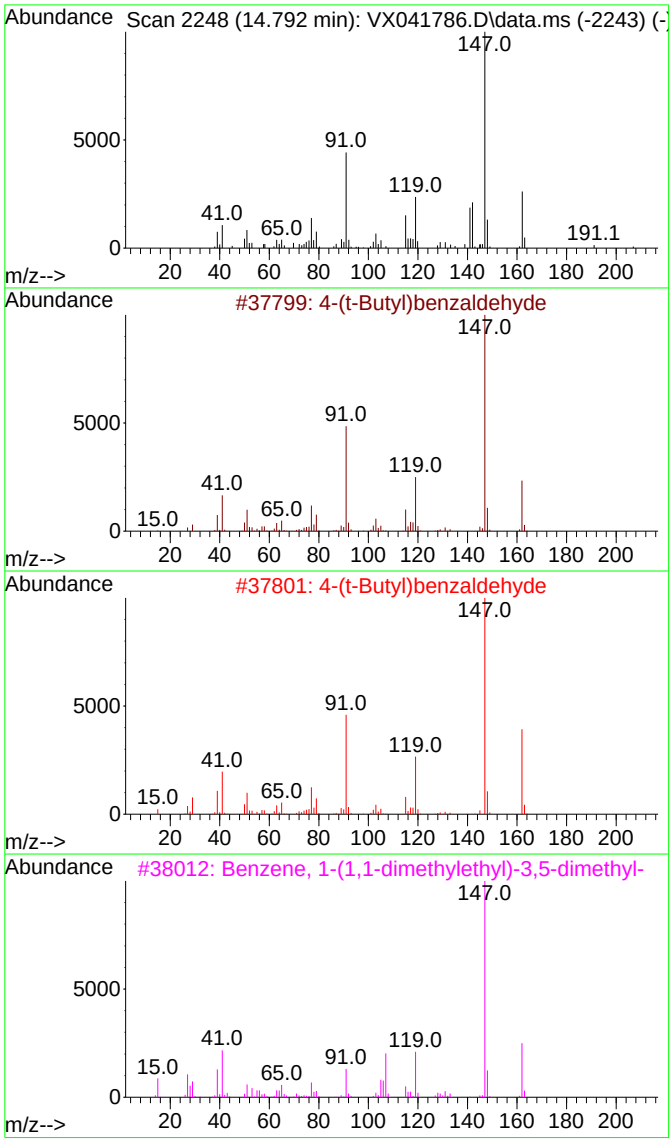
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

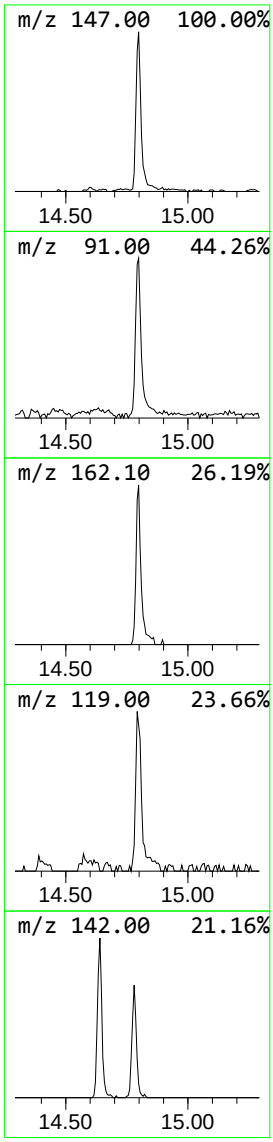
****

Peak Number 10 4-(t-Butyl)benzaldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	4.94 ug/l	59284	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	4-(t-Butyl)benzaldehyde	162	C11H14O	000939-97-9	81
3	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	76
4	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	76
5	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
Data File : VX041786.D
Acq On : 07 Jun 2024 13:27
Operator : JC/MD
Sample : P2751-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(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	15.0	ug/l	75282	1	4.910	150680	30.0
Isopropyl Alcohol	2.569	343.3	ug/l	1724470	1	4.910	150680	30.0
2-Butanol, (R)-	5.032	47.1	ug/l	236440	1	4.910	150680	30.0
unknown11.695	11.695	5.4	ug/l	64823	3	10.055	359723	30.0
unknown11.890	11.890	14.4	ug/l	172095	3	10.055	359723	30.0
3-Heptanol, 2,3...	12.091	7.2	ug/l	86125	3	10.055	359723	30.0
1-Hexanol, 2-et...	12.219	10.6	ug/l	126640	3	10.055	359723	30.0
unknown13.335	13.335	4.9	ug/l	59287	3	10.055	359723	30.0
Cyclopentane, 1...	13.585	3.9	ug/l	46672	3	10.055	359723	30.0
4-(t-Butyl)benz...	14.792	4.9	ug/l	59284	3	10.055	359723	30.0