LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-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\624X061025W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX046680.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.563	74	78	88	rBV	33126	50463	2.47%	0.371%
2	2.392	205	214	232	rBV	110942	235499	11.54%	1.731%
3	2.532	232	237	244	rBV2	10259	23382	1.15%	0.172%
4	2.648	251	256	264	rBV	10458	20805	1.02%	0.153%
5	2.959	297	307	329	rBV	718706	1802368	88.32%	13.252%
6	3.123	330	334	345	rVB3	8679	24065	1.18%	0.177%
7	4.574	555	572	588	rBV2	595664	2040831	100.00%	15.005%
8	4.916	618	628	635	rBV	33194	100712	4.93%	0.740%
9	5.013	635	644	670	rVB	314283	1049983	51.45%	7.720%
10	5.970	791	801	808	rBV	36223	102733	5.03%	0.755%
11	6.080	808	819	820	rBV4	26387	75310	3.69%	0.554%
12	6.239	839	845	854	rVB2	9353	25746	1.26%	0.189%
13	6.641	903	911	924	rBV	21500	61809	3.03%	0.454%
14	6.769	924	932	952	rVB	82051	213927	10.48%	1.573%
15	7.470	1043	1047	1062	rVB	10275	25470	1.25%	0.187%
16	7.909	1112	1119	1134	rVB2	9915	23718	1.16%	0.174%
17	8.580	1220	1229	1235	rBV2	17543	38353	1.88%	0.282%
18	8.653	1235	1241	1247	rVV	171947	284963	13.96%	2.095%
19	8.720	1247	1252	1261	rVV	147101	246194	12.06%	1.810%
20	8.805	1261	1266	1270	rVV	43786	70068	3.43%	0.515%
21	8.848	1270	1273	1281	rVB	18211	29444	1.44%	0.216%
22	9.378	1353	1360	1368	rBV	184680	287393	14.08%	2.113%
23	9.488	1374	1378	1385	rVB2	23893	36422	1.78%	0.268%
24	10.055	1466	1471	1483	rVB2	200582	355217	17.41%	2.612%
25	10.195	1489	1494	1503	rVV	198063	291482	14.28%	2.143%
26	10.299	1504	1511	1518	rVV	173286	253612	12.43%	1.865%
27	10.640	1563	1567	1573	rBV	102706	136718	6.70%	1.005%
28	10.774	1586	1589	1596	rVV2	11379	20803	1.02%	0.153%
29	10.957	1613	1619	1625	rVB2	31817	56719	2.78%	0.417%
30	11.079	1633	1639	1645	rBV	160313	219117	10.74%	1.611%
31	11.299	1672	1675	1681	rVB4	22575	34464	1.69%	0.253%
32	11.378	1681	1688	1694	rBV3	32115	64613	3.17%	0.475%
33	11.451	1694	1700	1702	rBV3	22513	34490	1.69%	0.254%
34	11.476	1702	1704	1707	rVB	23034	22408	1.10%	0.165%
35	11.567	1715	1719	1722	rBV2	19103	26145	1.28%	0.192%
36	11.610	1722	1726	1736	rVB2	26345	45183	2.21%	0.332%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-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\624X061025W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	11.750	1745	1749	1754	rVV	61379	71149	3.49%	0.523%
38	11.884	1767	1771	1777	rVB2	45514	56649	2.78%	0.417%
39	12.006	1787	1791	1795	rBV	269117	326170	15.98%	2.398%
40	12.036	1795	1796	1800	rVB	37476	34470	1.69%	0.253%
41	12.097	1800	1806	1811	rBV2	185015	263958	12.93%	1.941%
42	12.244	1823	1830	1838	rBV2	38975	70384	3.45%	0.517%
43	12.317	1838	1842	1851	rVB7	9118	23592	1.16%	0.173%
44	12.420	1853	1859	1864	rBV2	41833	61408	3.01%	0.451%
45	12.542	1872	1879	1881	rVV4	38258	77556	3.80%	0.570%
46	12.573	1881	1884	1893	rVV	125618	181320	8.88%	1.333%
47	12.670	1896	1900	1906	rVV4	12102	25693	1.26%	0.189%
48	12.762	1910	1915	1920	rVB2	105058	142631	6.99%	1.049%
49	12.902	1927	1938	1944	rBV	536782	729988	35.77%	5.367%
50	12.963	1944	1948	1958	rVB3	49701	91496	4.48%	0.673%
51	13.213	1985	1989	1994	rVB3	17418	29238	1.43%	0.215%
52	13.335	2005	2009	2014	rBV	150860	190885	9.35%	1.403%
53	13.420	2019	2023	2027	rVB2	28894	42715	2.09%	0.314%
54	13.475	2027	2032	2033	rBV2	95913	122906	6.02%	0.904%
55	13.506	2033	2037	2045	rVV	777589	1103430	54.07%	8.113%
56	13.585	2045	2050	2060	rVB3	401362	595264	29.17%	4.377%
57	13.725	2069	2073	2077	rBV2	142112	186121	9.12%	1.368%
58	13.774	2077	2081	2089	rVB	326927	415196	20.34%	3.053%
59	13.914	2100	2104	2111	rVB4	22048	42296	2.07%	0.311%
60	14.097	2127	2134	2146	rBV2	94625	171329	8.40%	1.260%
61	14.633	2219	2222	2234	rVB	43498	67873	3.33%	0.499%
62	14.780	2238	2246	2252	rVB2	30639	46695	2.29%	0.343%

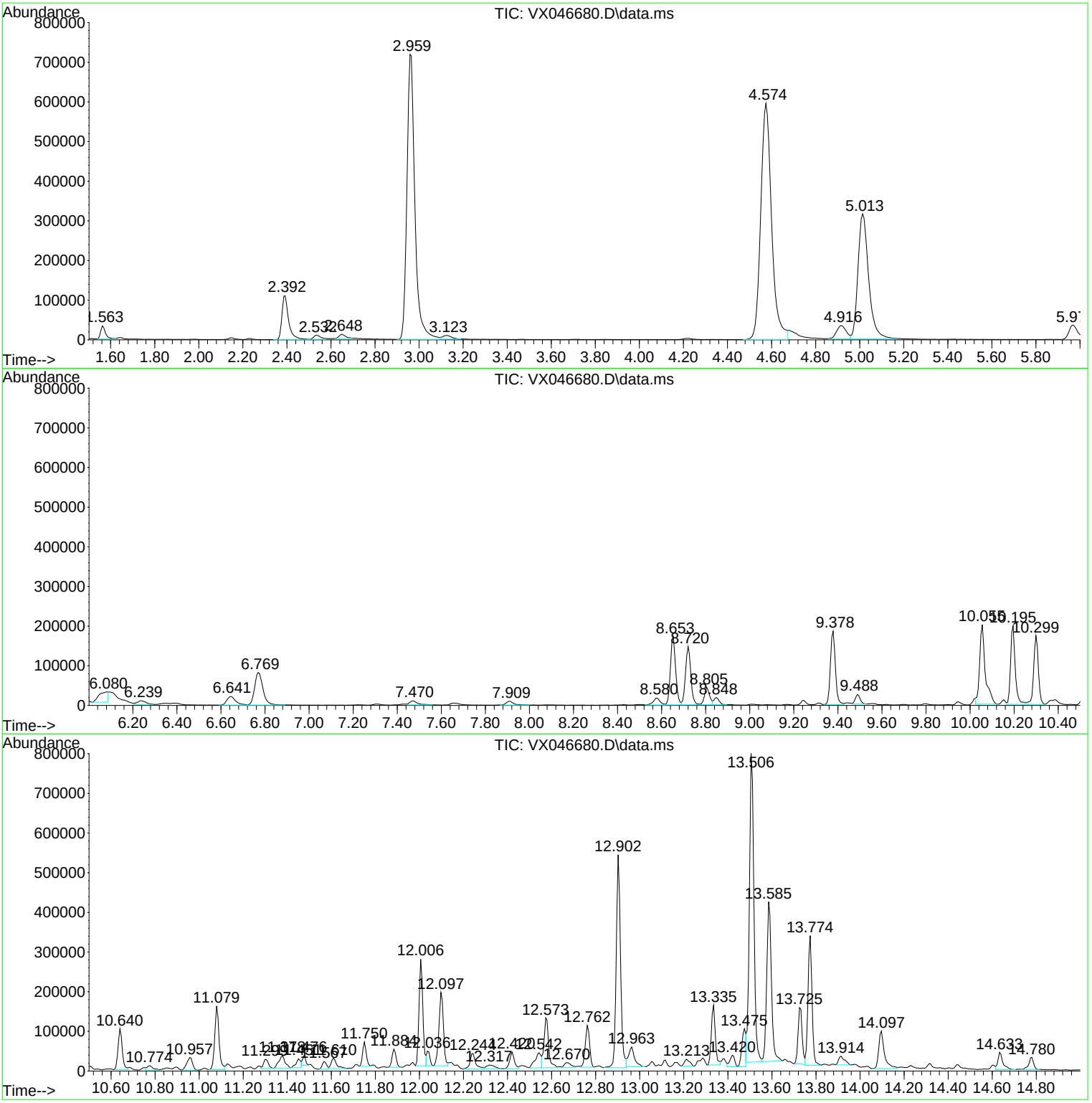
Sum of corrected areas: 13601041

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.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\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

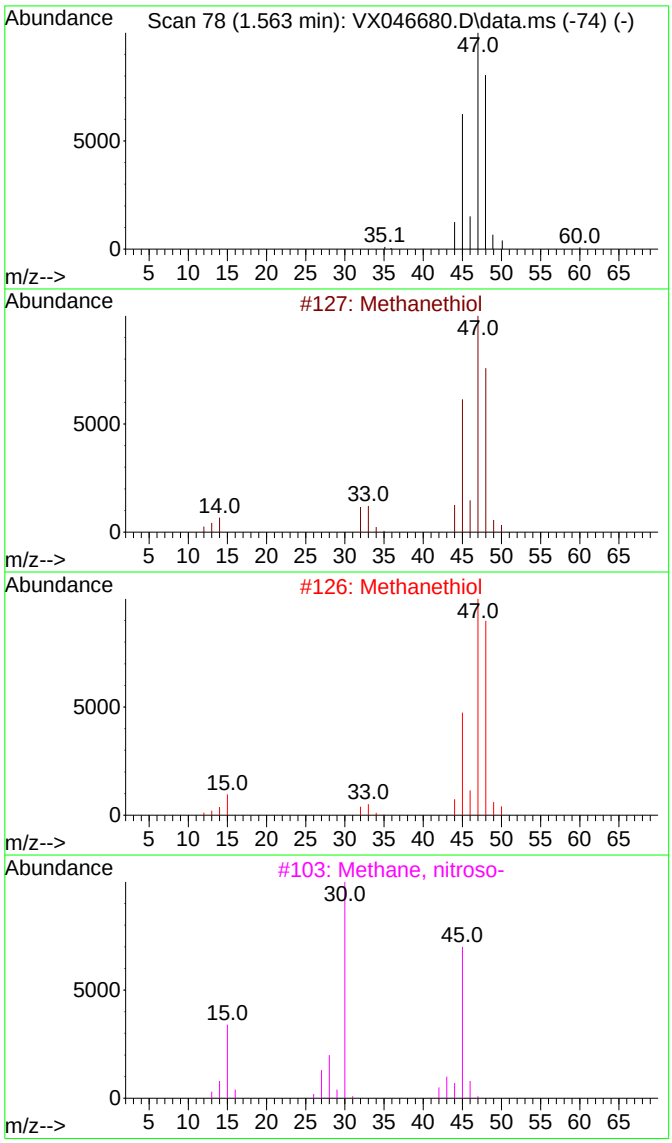
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

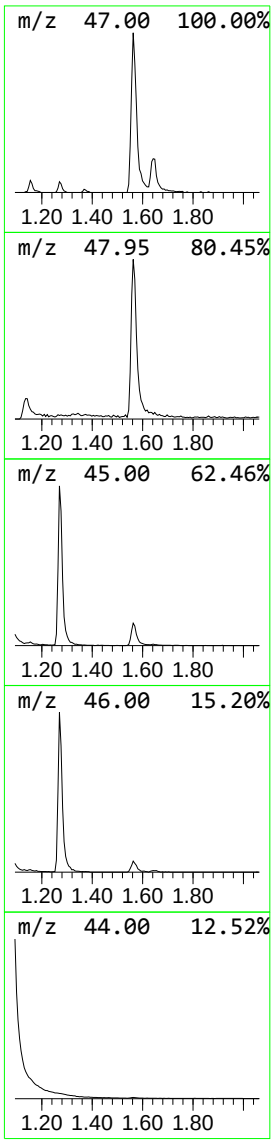
****

Peak Number 1 Methanethiol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.563	15.03 ug/l	50463	Bromochloromethane	4.916

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	Methane, nitroso-	45	CH3NO	000865-40-7	5
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\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

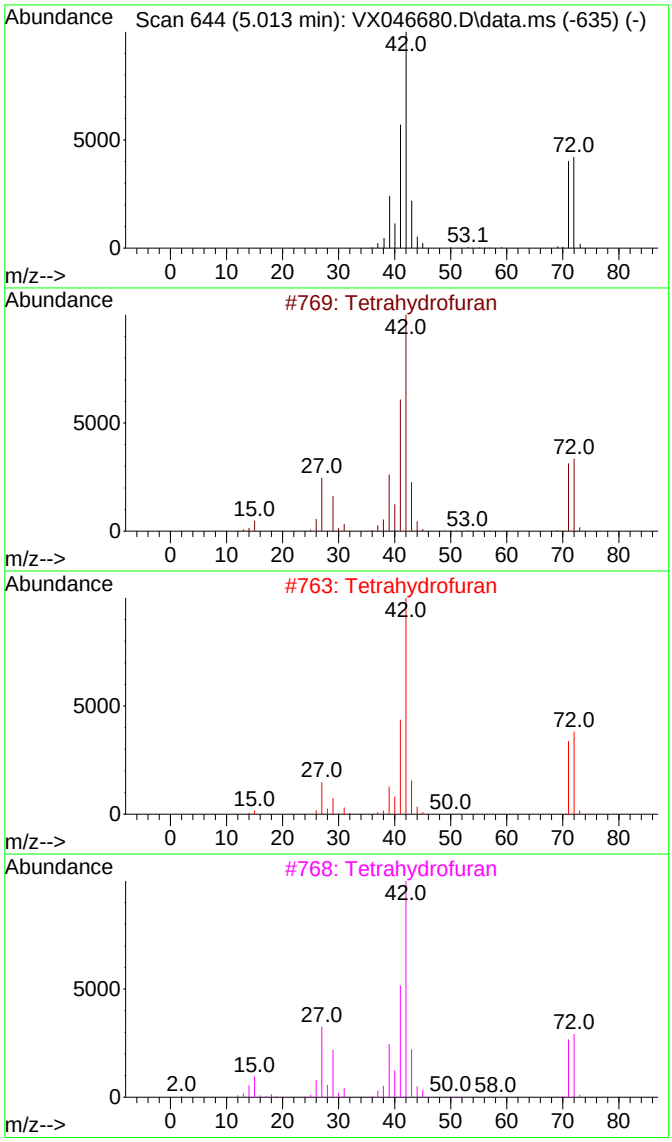
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

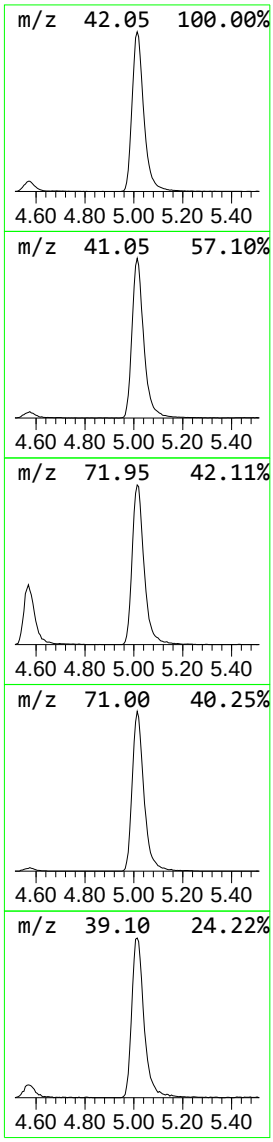
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrahydrofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	312.77 ug/l	1049980	Bromochloromethane	4.916

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	Tetrahydrofuran	72	C4H8O	000109-99-9	83
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	64
5	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

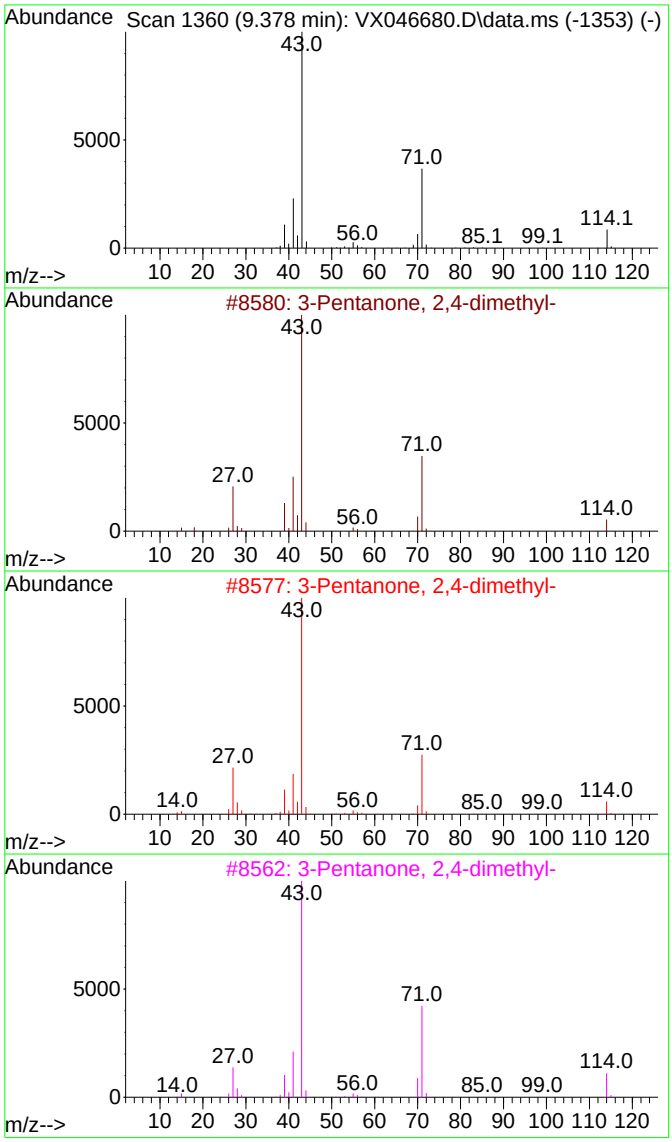
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

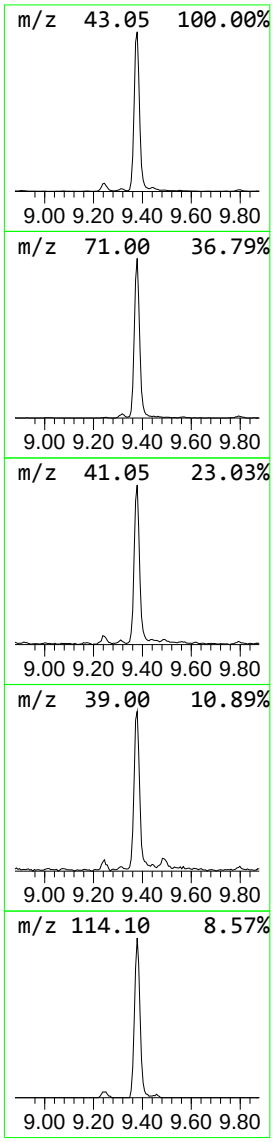
****

Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.378	24.27 ug/l	287393	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	64
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

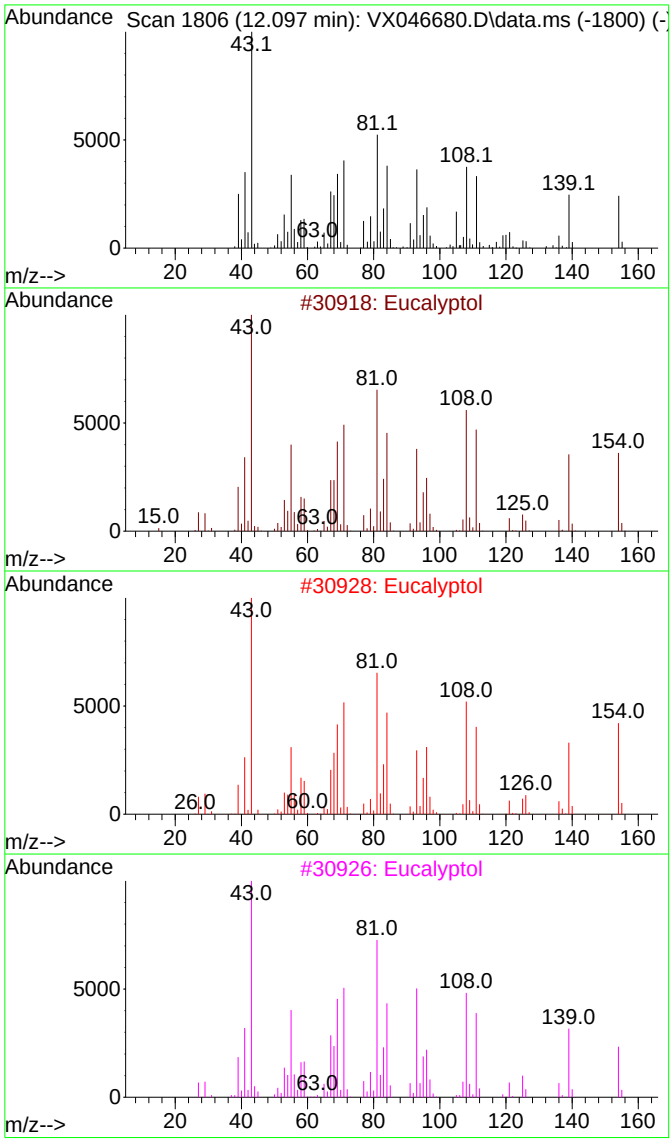
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

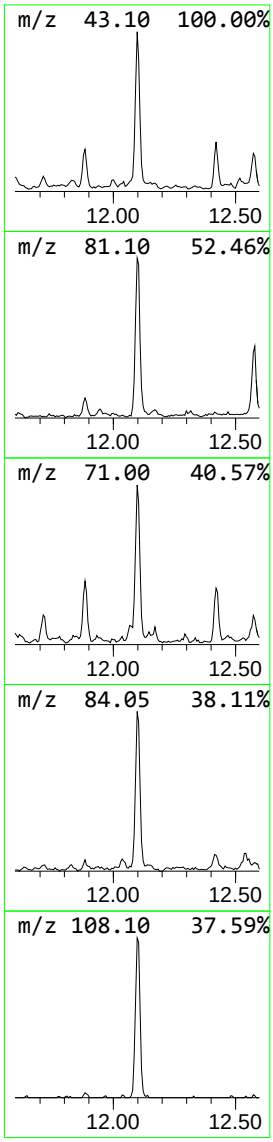
****

Peak Number 5 Eucalyptol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.097	22.29 ug/l	263958	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Eucalyptol	154	C10H18O	000470-82-6	97
3	Eucalyptol	154	C10H18O	000470-82-6	95
4	Eucalyptol	154	C10H18O	000470-82-6	94
5	Eucalyptol	154	C10H18O	000470-82-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

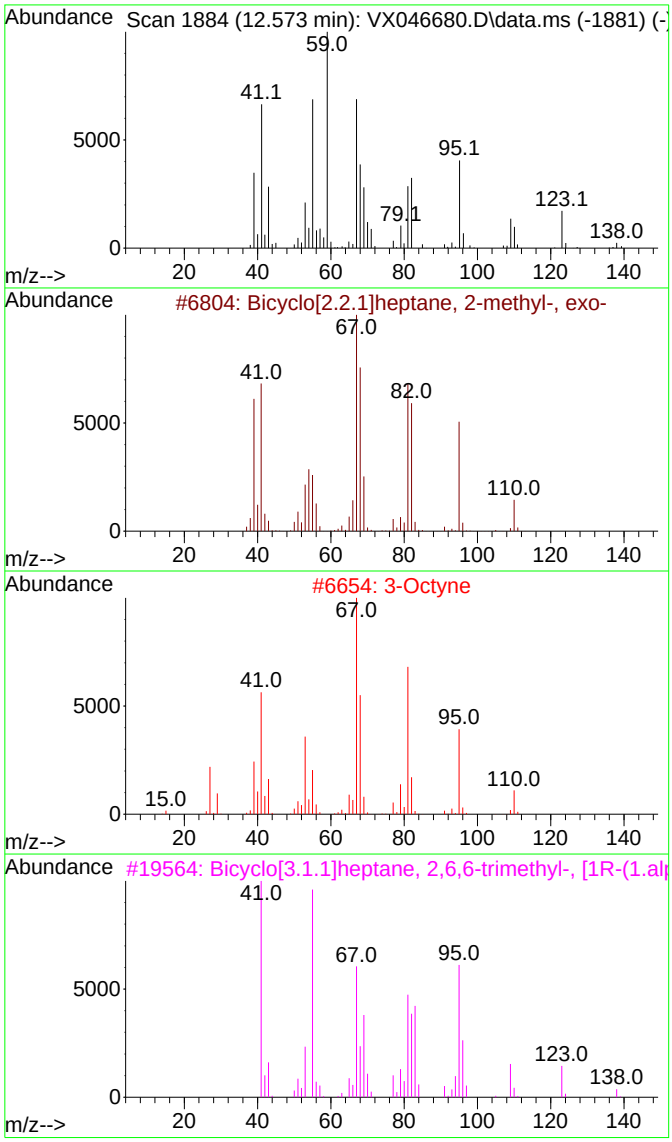
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

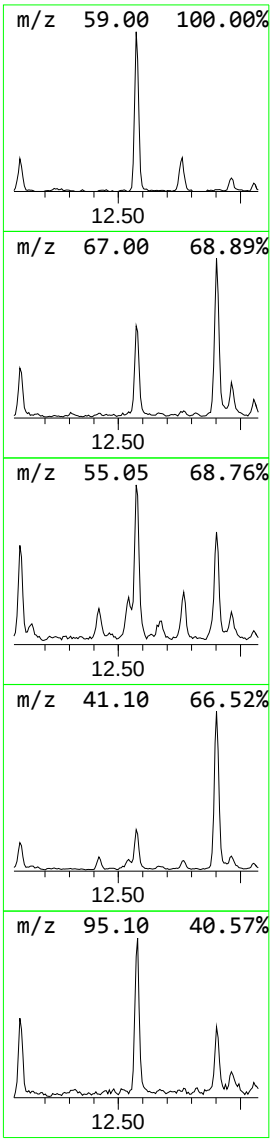
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[2.2.1]heptane, 2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.573	15.31 ug/l	181320	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	53
2	3-Octyne	110	C8H14	015232-76-5	47
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	46
4	1,6-Octadiene, 3,7-dimethyl-, (S)-	138	C10H18	010281-55-7	46
5	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

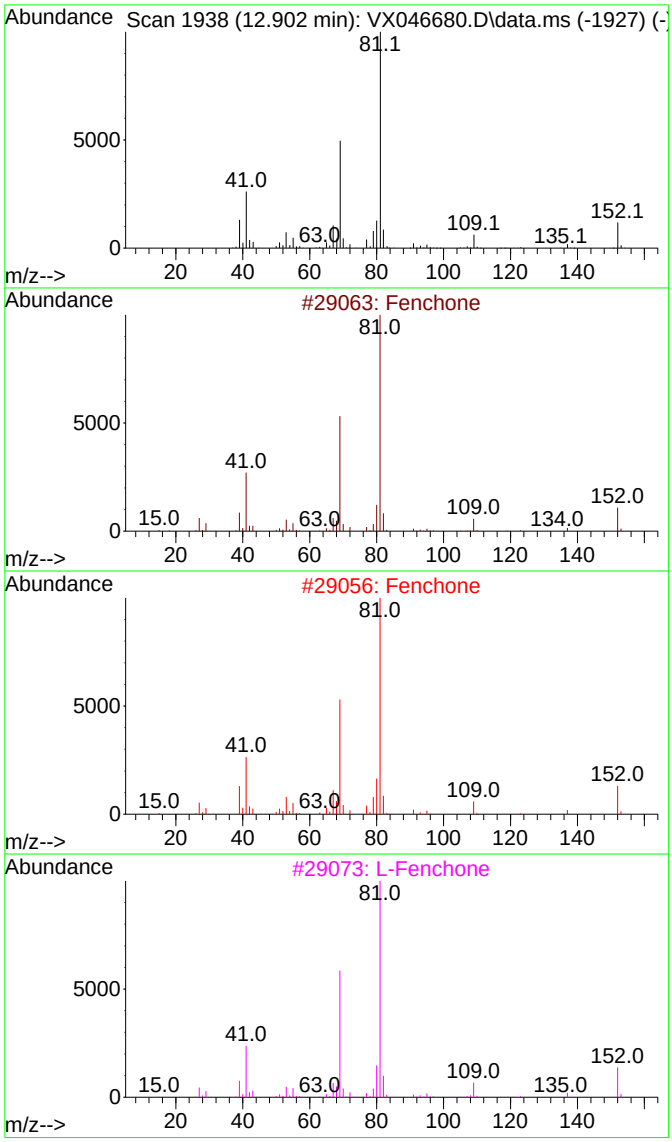
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

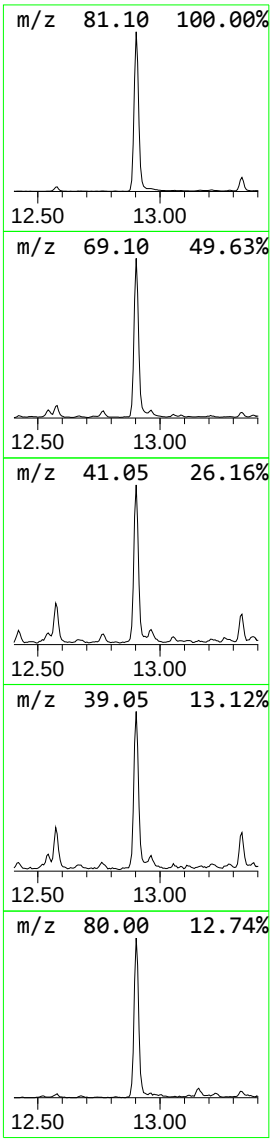
****

Peak Number 7 Fenchone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	61.65 ug/l	729988	Chlorobenzene-d5	10.055

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	L-Fenchone	152	C10H16O	007787-20-4	94
5	D-Fenchone	152	C10H16O	004695-62-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

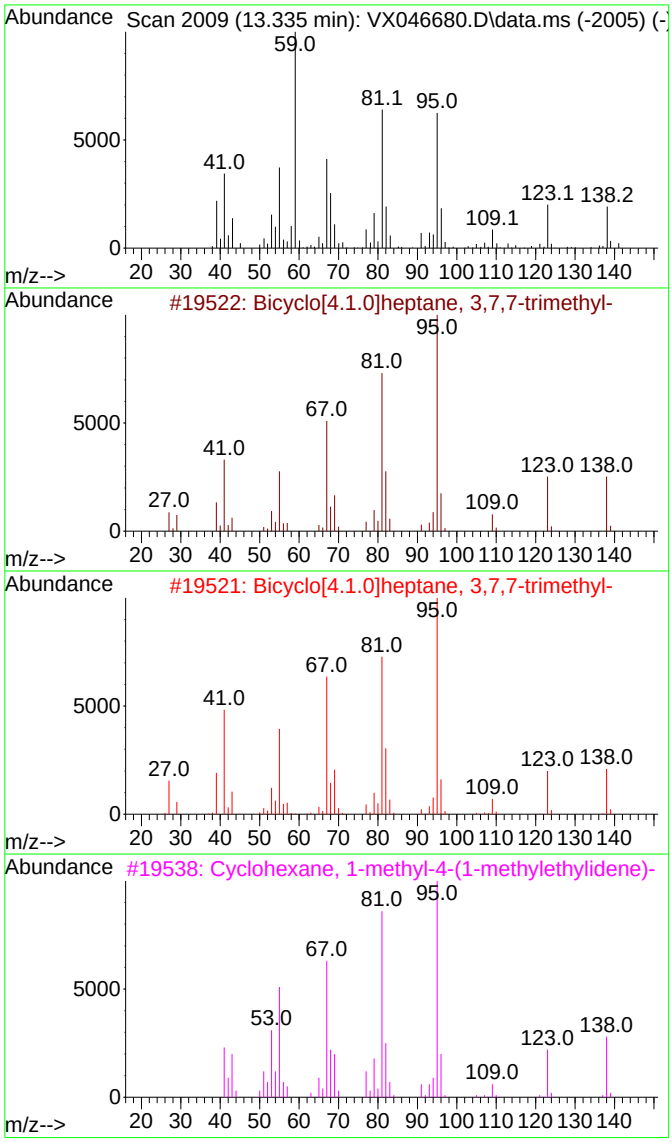
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

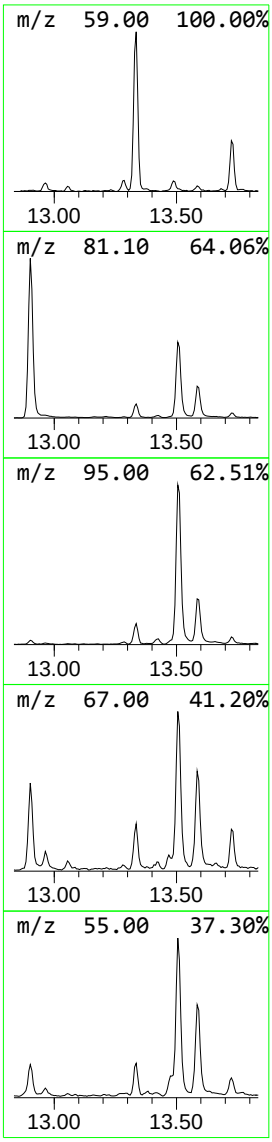
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	16.12 ug/l	190885	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	91
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	60
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	60
4	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	52
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

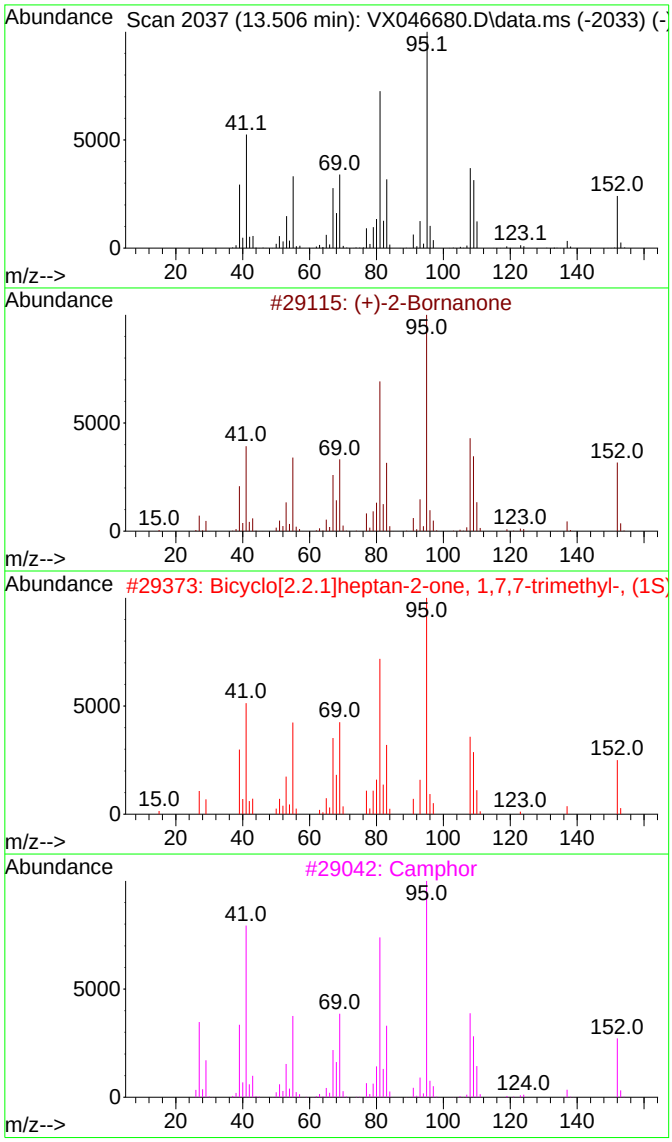
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

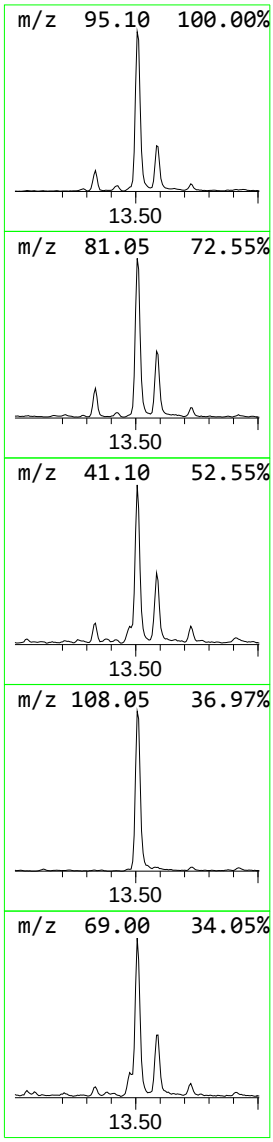
****

Peak Number 9 (+)-2-Bornanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.506	93.19 ug/l	1103430	Chlorobenzene-d5	10.055

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

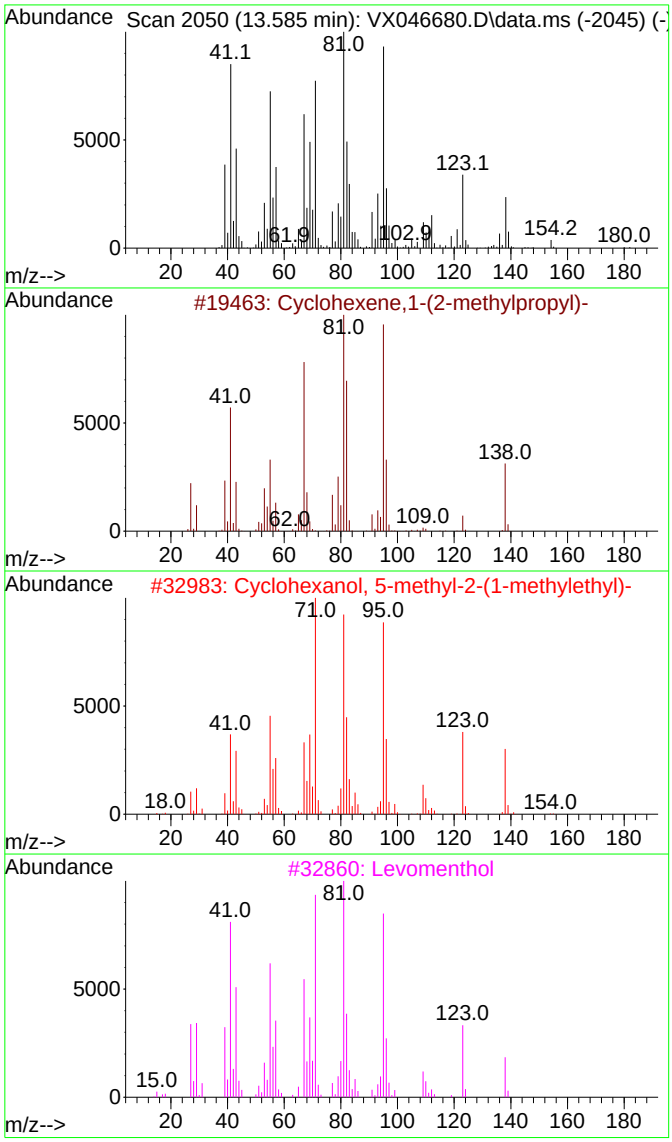
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

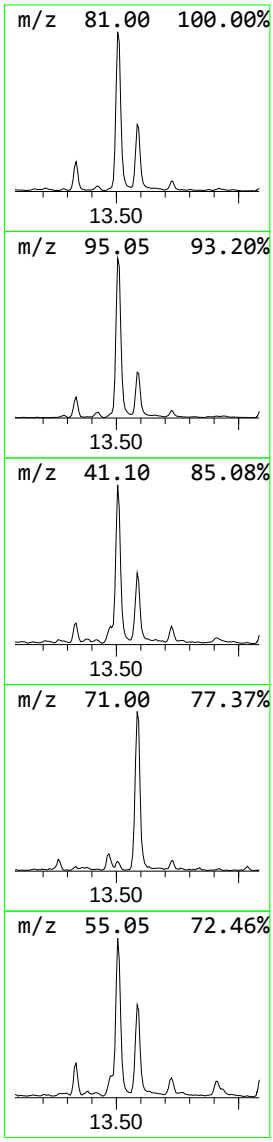
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexene,1-(2-methylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.585	50.27 ug/l	595264	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	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	87
3	Levomenthol	156	C10H20O	002216-51-5	80
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	58
5	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046680.D
Acq On : 13 Jun 2025 11:37
Operator : JC/MD
Sample : Q2302-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250611078-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.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	1.563	15.0	ug/l	50463	1	4.916	100712	30.0
Tetrahydrofuran	5.013	312.8	ug/l	1049980	1	4.916	100712	30.0
3-Pentanone, 2,...	9.378	24.3	ug/l	287393	3	10.055	355217	30.0
Eucalyptol	12.097	22.3	ug/l	263958	3	10.055	355217	30.0
Bicyclo[2.2.1]h...	12.573	15.3	ug/l	181320	3	10.055	355217	30.0
Fenchone	12.902	61.6	ug/l	729988	3	10.055	355217	30.0
Bicyclo[4.1.0]h...	13.335	16.1	ug/l	190885	3	10.055	355217	30.0
(+)-2-Bornanone	13.506	93.2	ug/l	1103430	3	10.055	355217	30.0
Cyclohexene,1-(...	13.585	50.3	ug/l	595264	3	10.055	355217	30.0