

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083874.D
 Acq On : 13 Sep 2024 16:55
 Operator : JC\MD
 Sample : P3966-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA-240911078-02

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\624N090624W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN083874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	53	58	69	rVB	63428	101501	2.07%	0.613%
2	4.430	409	421	443	rBV	108276	332994	6.80%	2.010%
3	5.518	590	606	629	rBV	1093898	3798476	77.55%	22.932%
4	5.794	641	653	666	rVB2	16481	59583	1.22%	0.360%
5	7.435	917	932	948	rBV2	1542539	4897993	100.00%	29.570%
6	7.835	983	1000	1027	rVB	690826	1916583	39.13%	11.571%
7	8.582	1112	1127	1135	rBV3	96497	325347	6.64%	1.964%
8	8.653	1136	1139	1148	rVB2	38322	78532	1.60%	0.474%
9	9.100	1205	1215	1226	rBV	180093	361885	7.39%	2.185%
10	10.565	1457	1464	1470	rBV	279565	511762	10.45%	3.090%
11	10.635	1470	1476	1488	rVB2	65857	186558	3.81%	1.126%
12	11.171	1558	1567	1576	rBV	110822	214668	4.38%	1.296%
13	11.776	1662	1670	1675	rVV7	23008	60026	1.23%	0.362%
14	11.865	1675	1685	1694	rVV	243148	513469	10.48%	3.100%
15	11.965	1694	1702	1710	rVV	120259	230771	4.71%	1.393%
16	12.065	1710	1719	1730	rVV	92173	201494	4.11%	1.216%
17	12.394	1762	1775	1782	rBV2	63736	130376	2.66%	0.787%
18	12.847	1845	1852	1861	rVB	199709	365039	7.45%	2.204%
19	13.476	1947	1959	1973	rVB3	39487	104565	2.13%	0.631%
20	13.606	1973	1981	1986	rBV2	43695	80494	1.64%	0.486%
21	13.729	1996	2002	2007	rBV	77476	130101	2.66%	0.785%
22	13.817	2011	2017	2019	rVV3	40307	74465	1.52%	0.450%
23	13.853	2019	2023	2036	rVB3	138467	278056	5.68%	1.679%
24	13.994	2042	2047	2061	rVB2	29917	67828	1.38%	0.409%
25	14.247	2082	2090	2094	rVV2	102233	186357	3.80%	1.125%
26	14.294	2094	2098	2107	rVB	197183	343893	7.02%	2.076%
27	14.447	2113	2124	2133	rBV6	30875	89693	1.83%	0.541%
28	14.670	2149	2162	2169	rBV	489298	921591	18.82%	5.564%

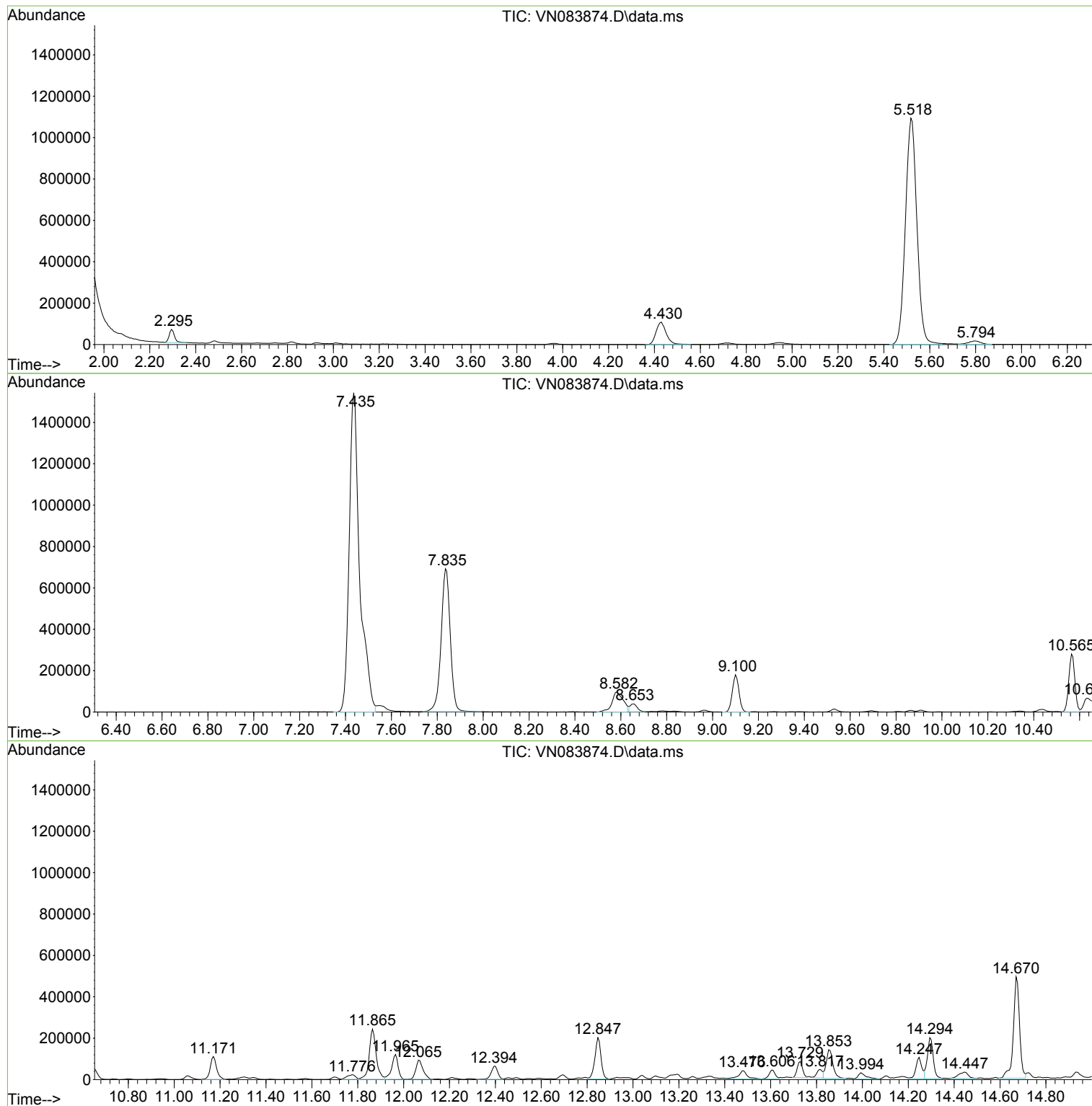
Sum of corrected areas: 16564100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.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\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

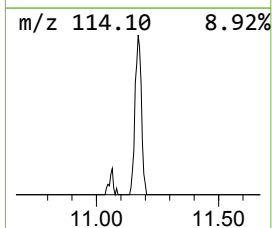
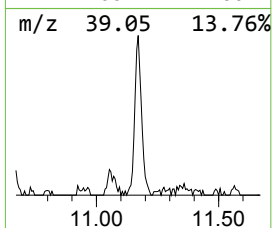
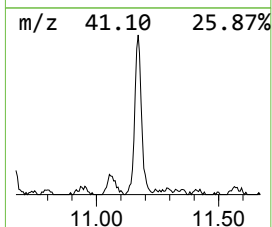
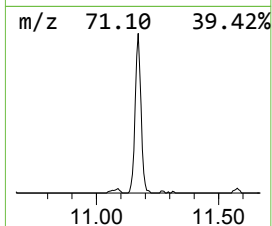
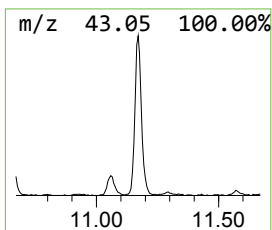
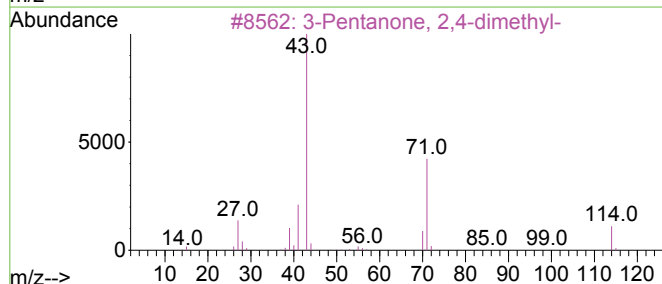
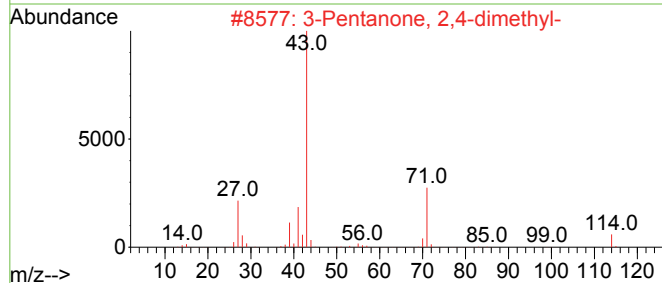
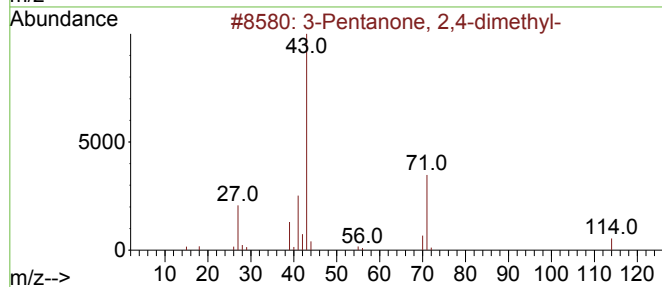
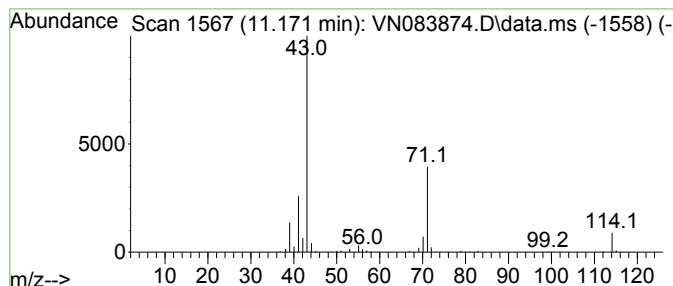
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.171	12.54 ug/l	214668	Chlorobenzene-d5	11.865	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	72
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

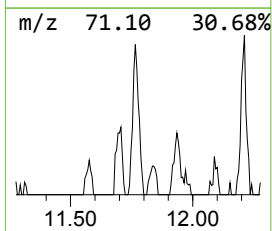
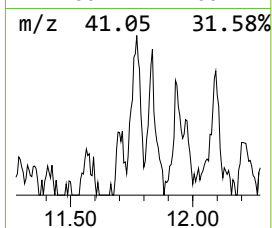
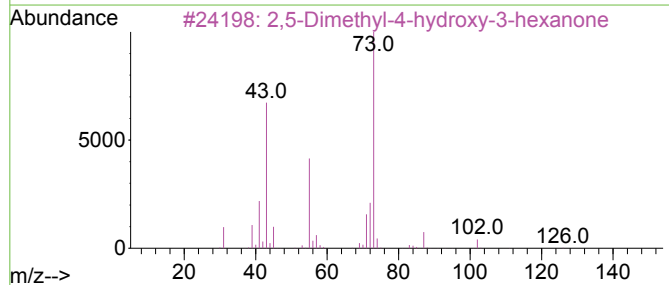
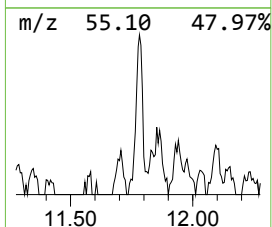
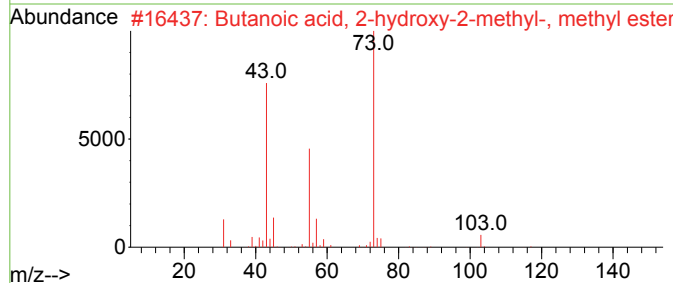
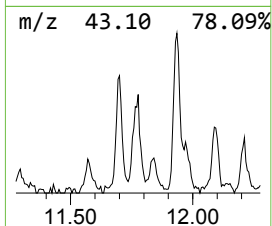
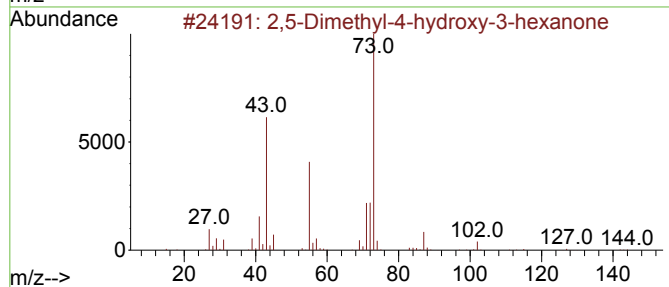
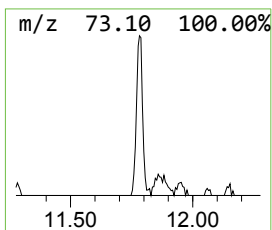
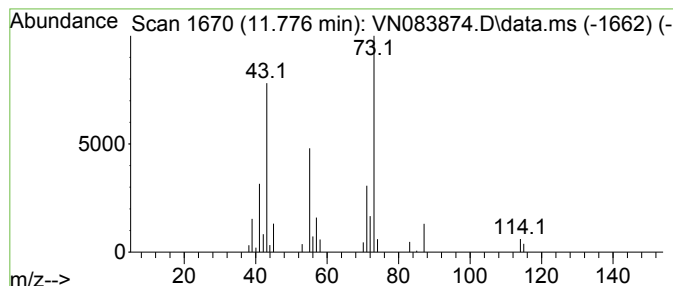
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 2 2,5-Dimethyl-4-hydroxy-3-he... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.776	3.51 ug/l	60026	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	50
2			Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	47
3			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	45
4			3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	43
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

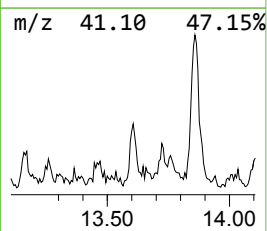
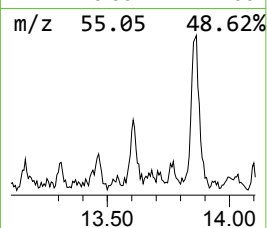
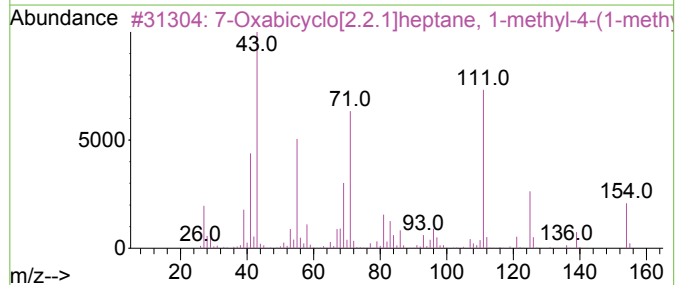
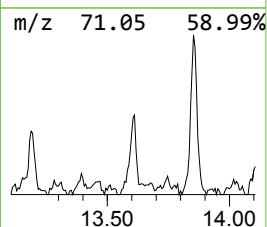
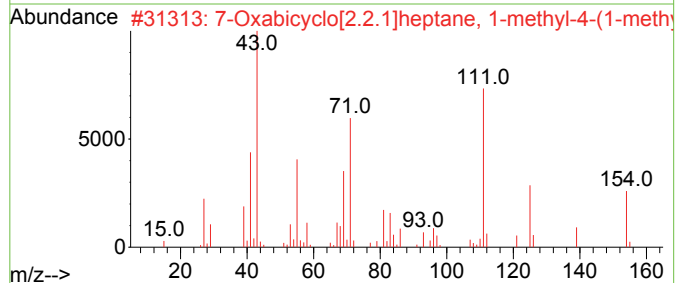
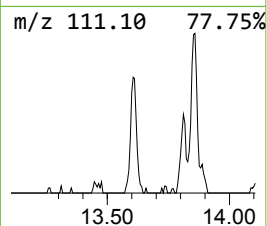
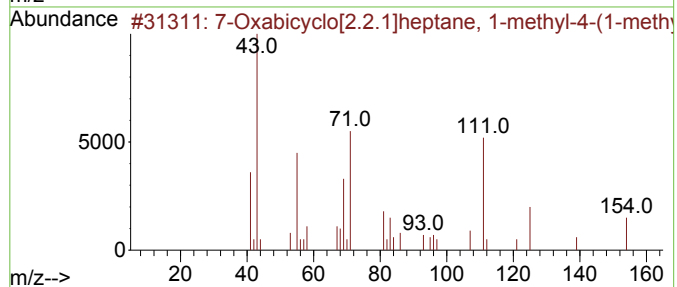
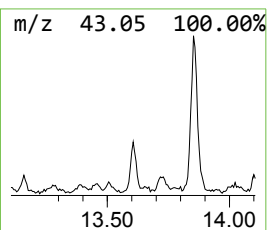
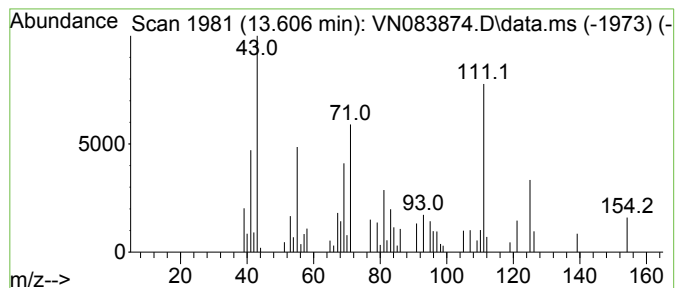
Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 3 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.606	4.70 ug/l	80494	Chlorobenzene-d5	11.865	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	90
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	86
4	Tetrahydrocarvone	154	C10H18O	000499-70-7	49
5	1,2-Propanedione, 1-(2-thienyl)-	154	C7H6O2S	013678-69-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

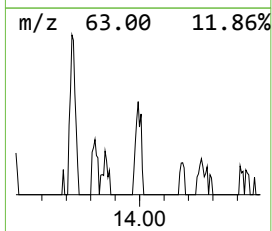
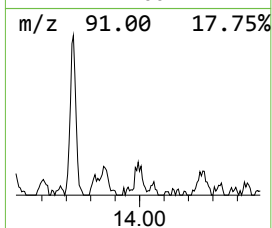
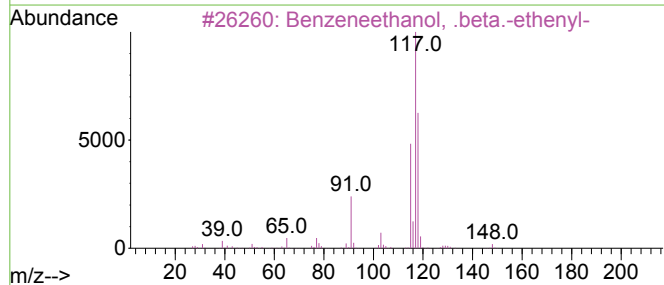
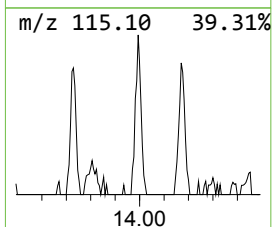
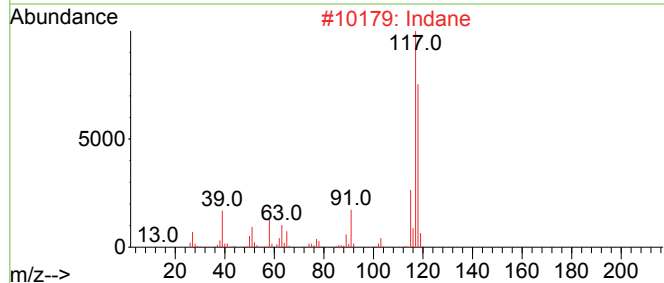
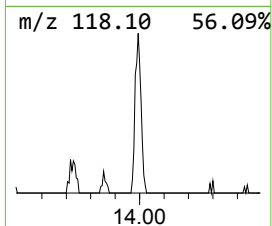
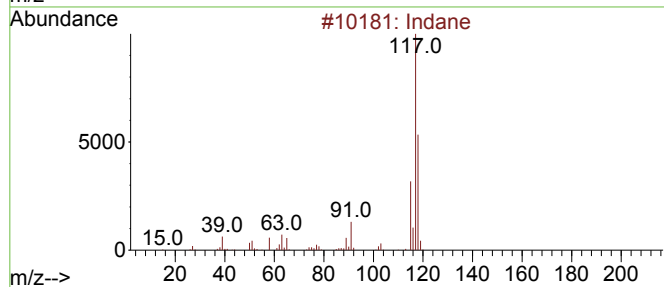
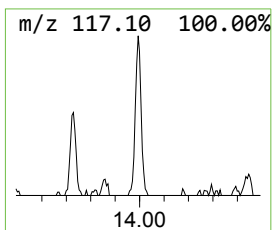
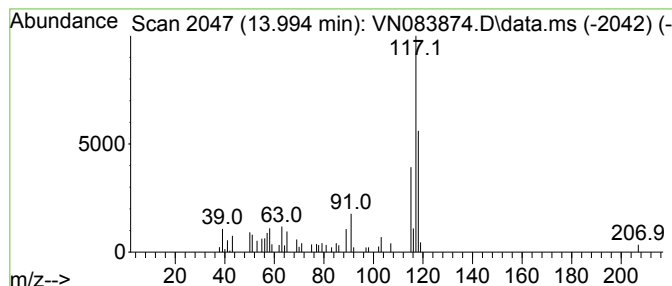
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 4 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	3.96 ug/l	67828	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Indane			118	C9H10	000496-11-7	89
3	Benzeneethanol, .beta.-ethenyl-			148	C10H12O	006052-63-7	86
4	Indane			118	C9H10	000496-11-7	76
5	Benzene, cyclopropyl-			118	C9H10	000873-49-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

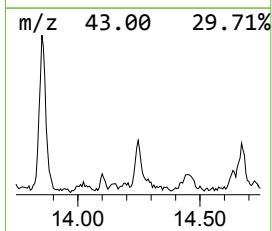
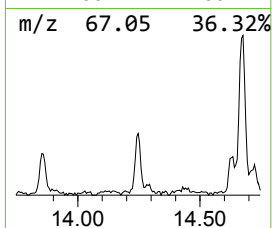
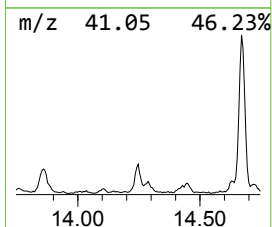
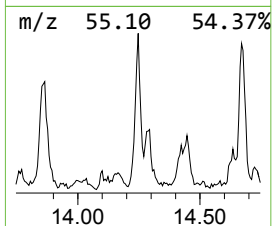
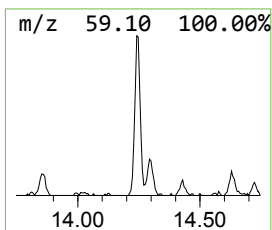
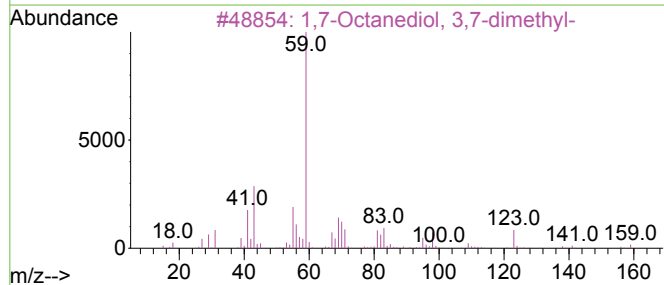
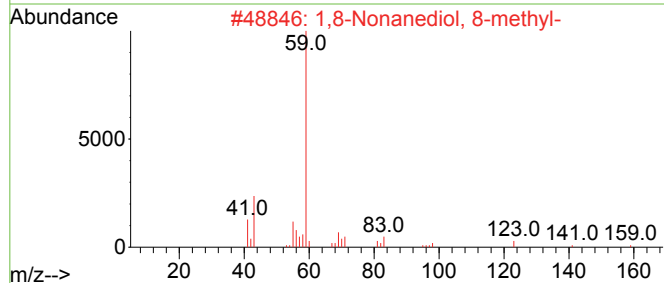
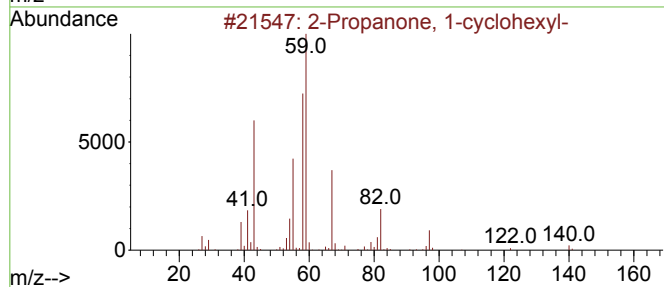
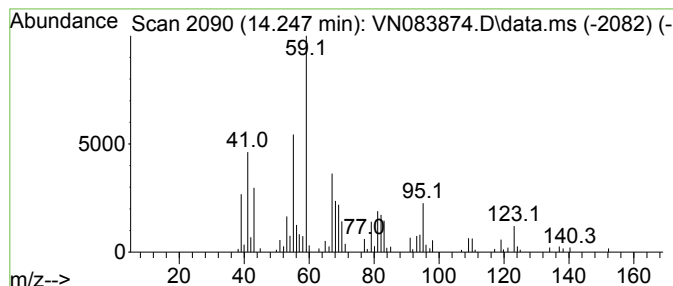
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 unknown14.247 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	10.89 ug/l	186357	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	46
2			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	43
3			1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	43
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	37
5			3-Hexanol	102	C6H14O	000623-37-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

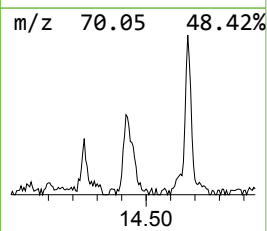
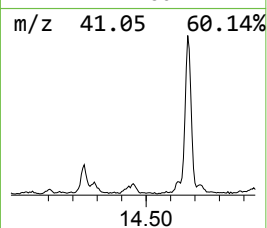
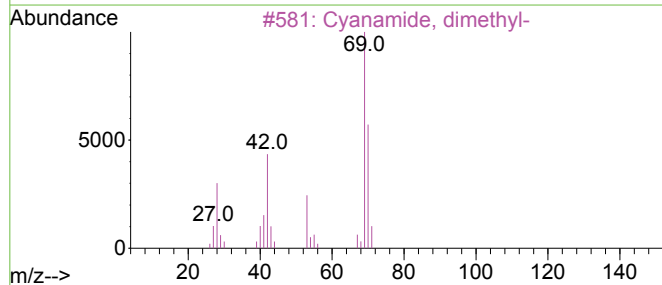
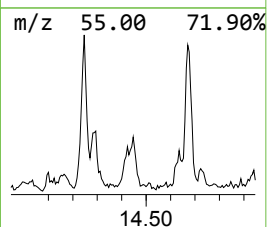
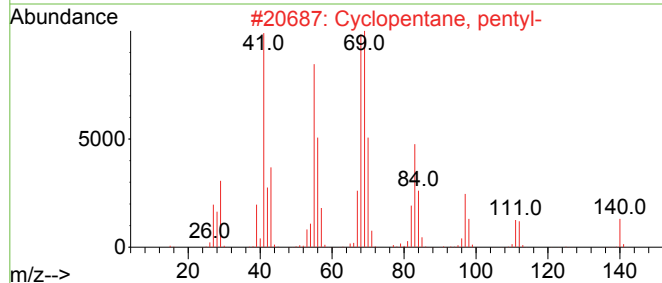
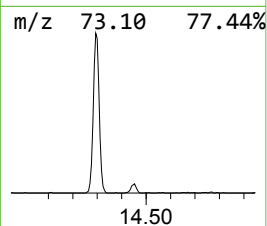
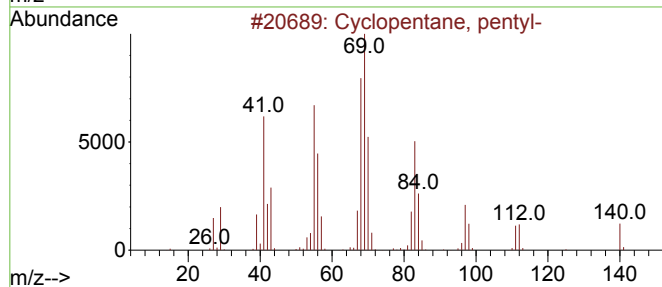
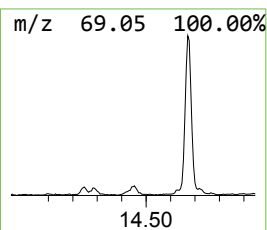
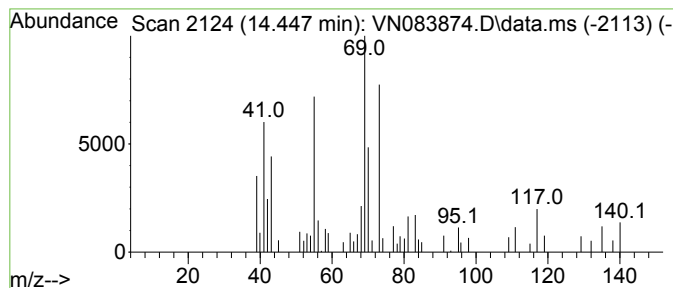
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 7 Cyclopentane, pentyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	5.24 ug/l	89693	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, pentyl-	140	C10H20	003741-00-2	50
2			Cyclopentane, pentyl-	140	C10H20	003741-00-2	50
3			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	47
4			trans-3-Decene	140	C10H20	019150-21-1	47
5			3-Octene, 4-ethyl-	140	C10H20	053966-51-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

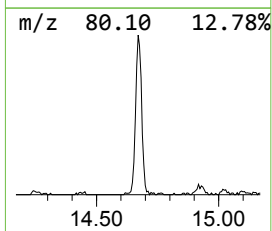
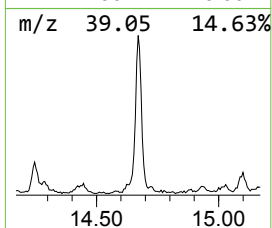
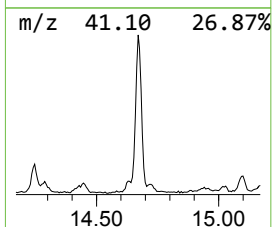
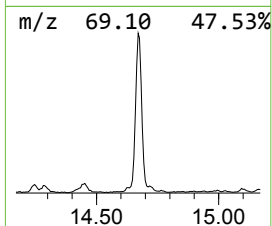
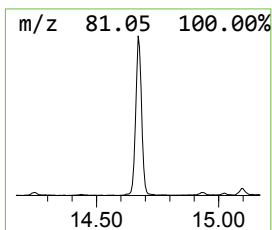
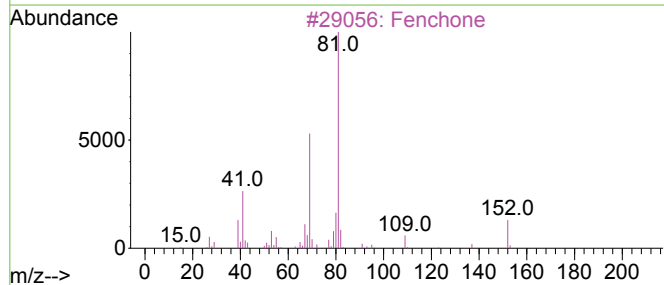
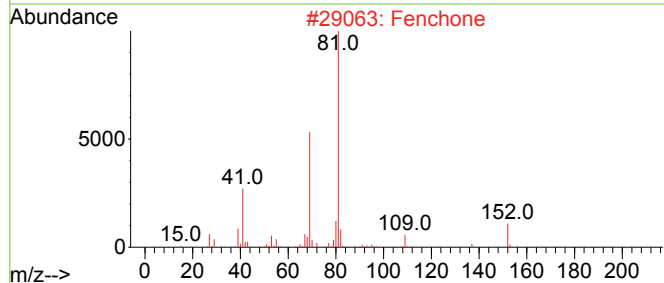
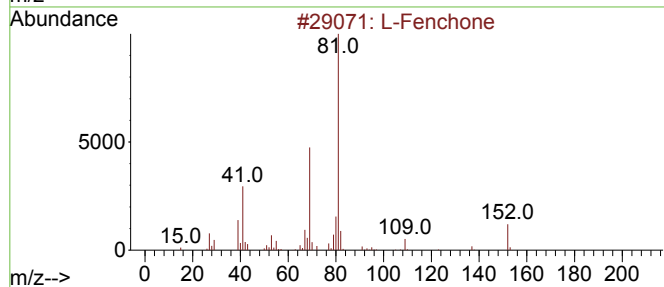
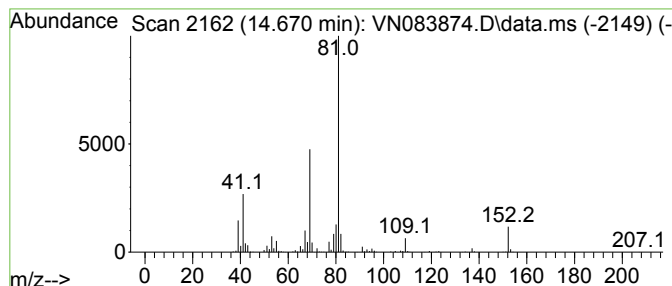
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 8 L-Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	53.84 ug/l	921591	Chlorobenzene-d5	11.865

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			L-Fenchone	152	C10H16O	007787-20-4	95
2			Fenchone	152	C10H16O	001195-79-5	95
3			Fenchone	152	C10H16O	001195-79-5	95
4			L-Fenchone	152	C10H16O	007787-20-4	94
5			D-Fenchone	152	C10H16O	004695-62-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083874.D
Acq On : 13 Sep 2024 16:55
Operator : JC\MD
Sample : P3966-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VOA-240911078-02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Pentanone, 2,...	11.171	12.5	ug/l	214668	3	11.865	513469	30.0
2,5-Dimethyl-4-...	11.776	3.5	ug/l	60026	3	11.865	513469	30.0
7-Oxabicyclo[2....	13.606	4.7	ug/l	80494	3	11.865	513469	30.0
Indane	13.994	4.0	ug/l	67828	3	11.865	513469	30.0
unknown14.247	14.247	10.9	ug/l	186357	3	11.865	513469	30.0
Cyclopentane, p...	14.447	5.2	ug/l	89693	3	11.865	513469	30.0
L-Fenchone	14.670	53.8	ug/l	921591	3	11.865	513469	30.0