

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086819.D
 Acq On : 29 May 2025 17:01
 Operator : JC\MD
 Sample : Q2098-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

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\624N052925W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN086819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.318	51	62	67	rBV	53700	162683	4.21%	1.417%
2	2.371	68	71	89	rVB	49548	151539	3.92%	1.320%
3	4.424	409	420	435	rBV2	79983	248356	6.42%	2.163%
4	4.706	454	468	491	rBV	1192873	3867321	100.00%	33.677%
5	7.812	986	996	1007	rBV	93780	236254	6.11%	2.057%
6	7.965	1011	1022	1031	rBV	88229	218035	5.64%	1.899%
7	8.577	1117	1126	1136	rBV	92070	212943	5.51%	1.854%
8	9.100	1205	1215	1224	rBV	222516	461080	11.92%	4.015%
9	9.888	1342	1349	1356	rVB	22977	47846	1.24%	0.417%
10	10.565	1454	1464	1471	rBV	336258	634271	16.40%	5.523%
11	10.653	1471	1479	1493	rVB2	18039	68835	1.78%	0.599%
12	10.812	1497	1506	1509	rBV3	17587	55098	1.42%	0.480%
13	11.865	1678	1685	1697	rVB	286451	525614	13.59%	4.577%
14	12.647	1794	1818	1838	rVV3	327782	1853424	47.93%	16.140%
15	12.847	1845	1852	1859	rVB	208403	352896	9.13%	3.073%
16	13.947	2032	2039	2049	rVB4	33611	106050	2.74%	0.924%
17	14.247	2077	2090	2091	rBV3	82228	202963	5.25%	1.767%
18	14.311	2092	2101	2119	rVV2	547812	2078255	53.74%	18.098%

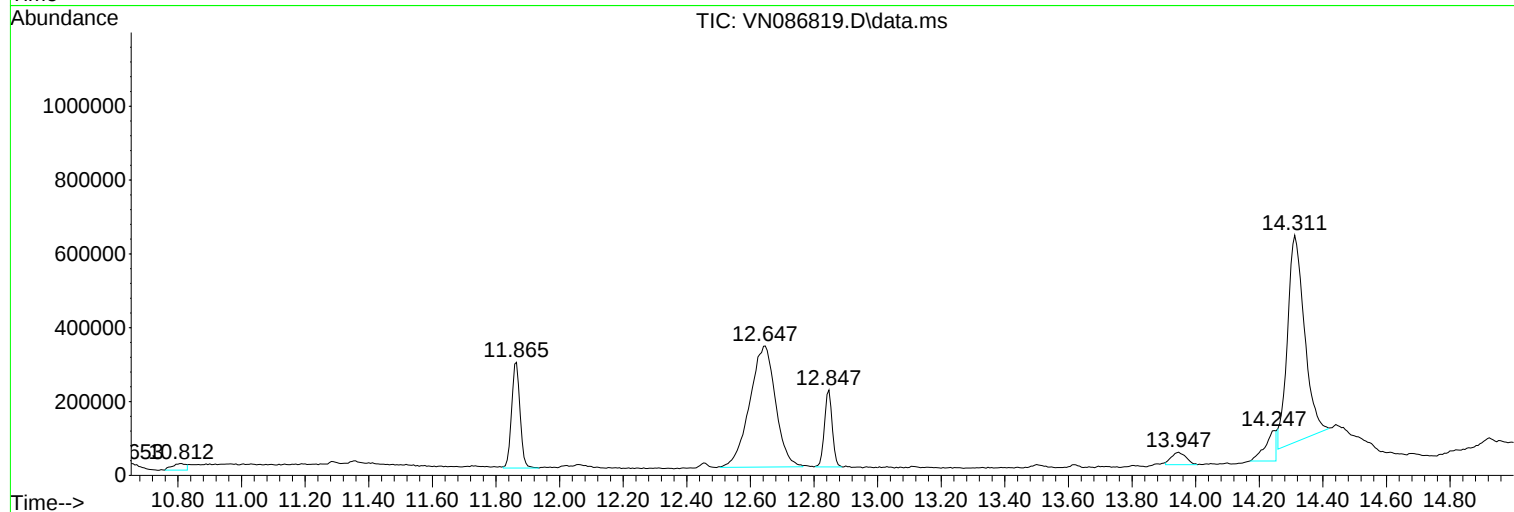
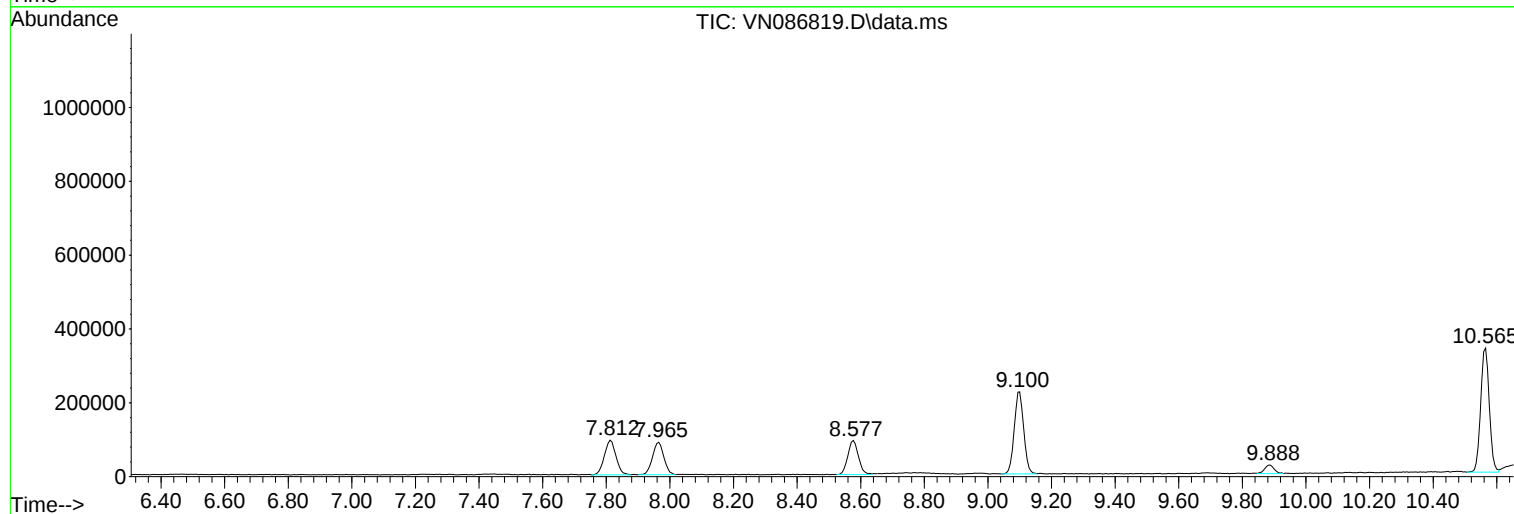
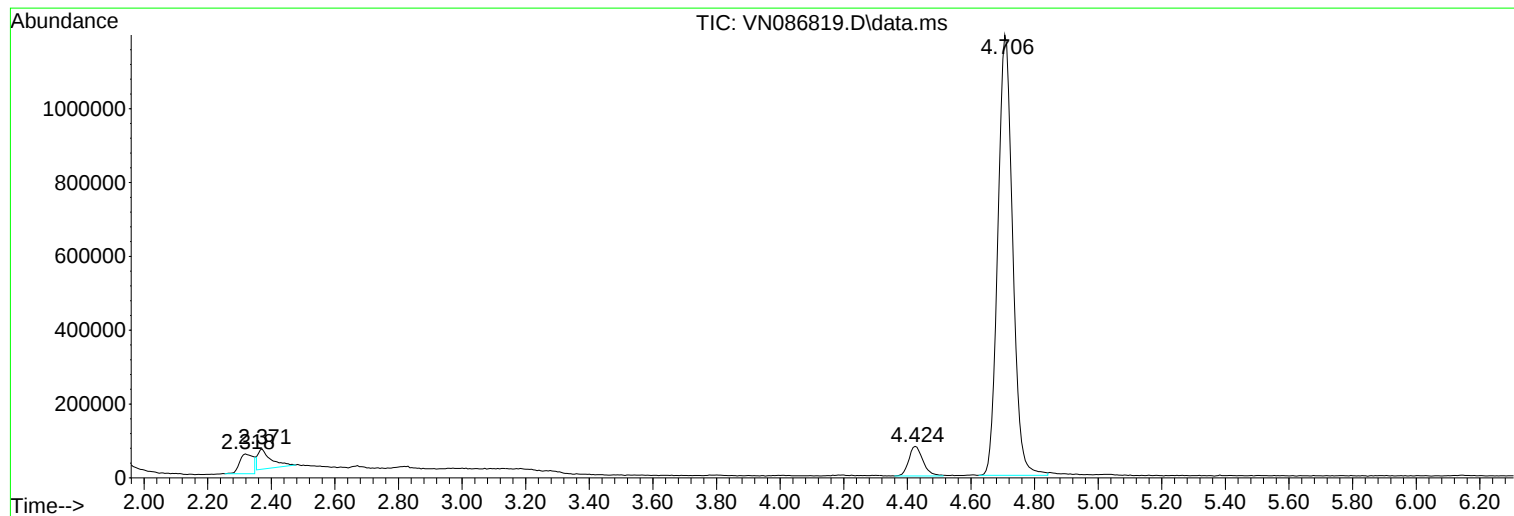
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Instrument :
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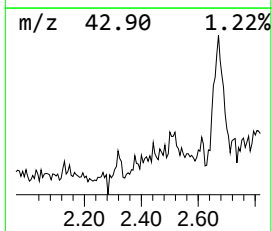
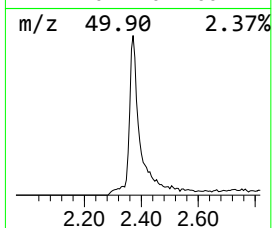
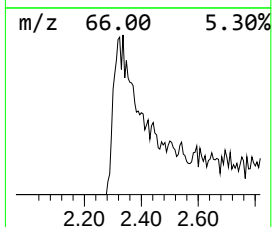
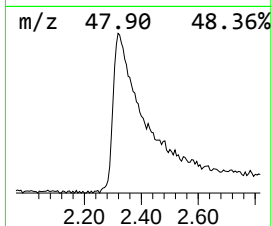
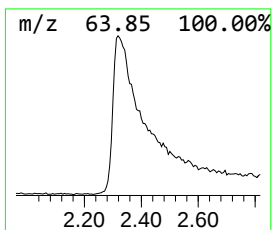
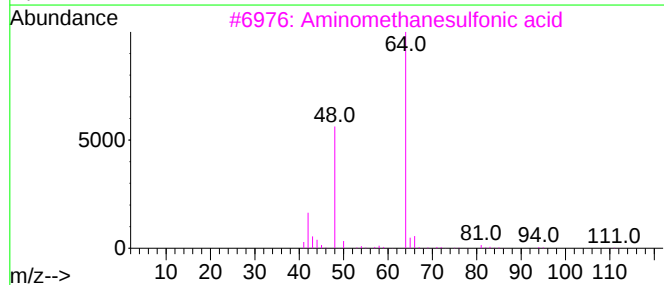
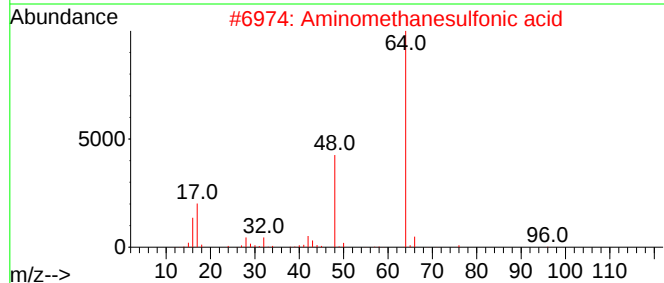
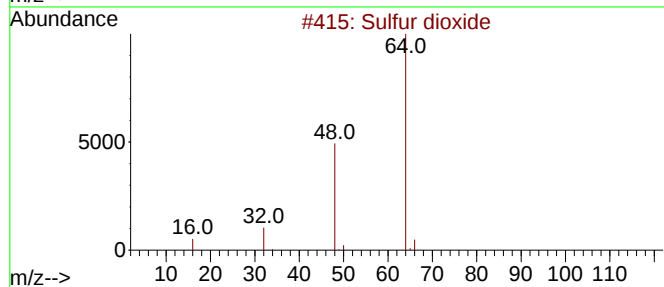
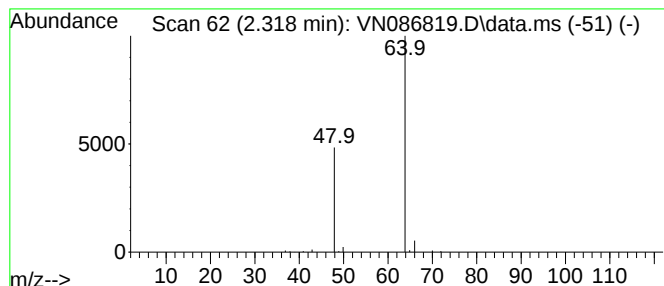
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.318	20.66 ug/l	162683	Bromochloromethane	7.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Sulfur dioxide	64	O2S	007446-09-5	5



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MSVOA_N
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OUTFALL-DSN-001

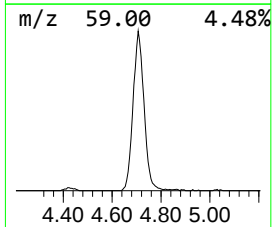
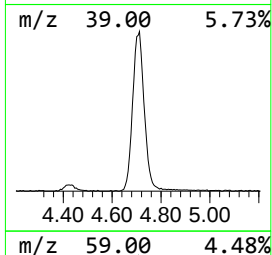
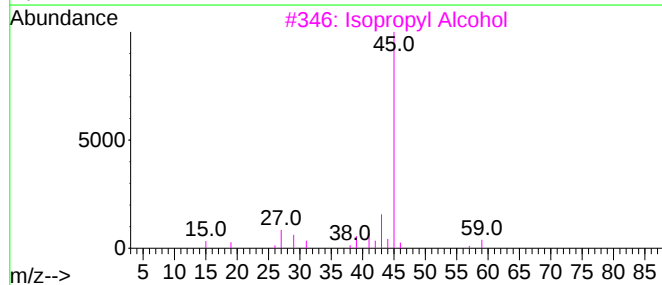
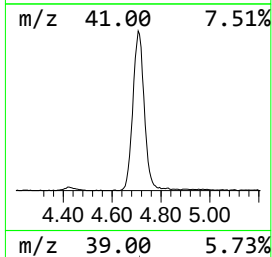
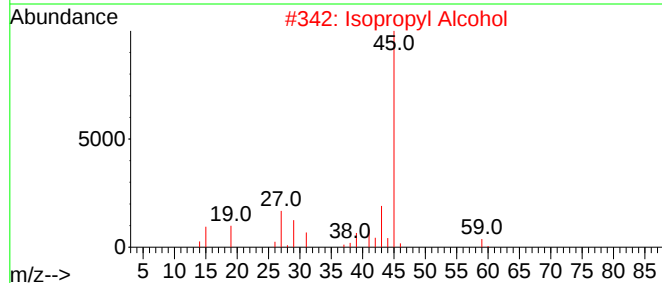
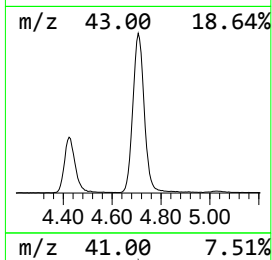
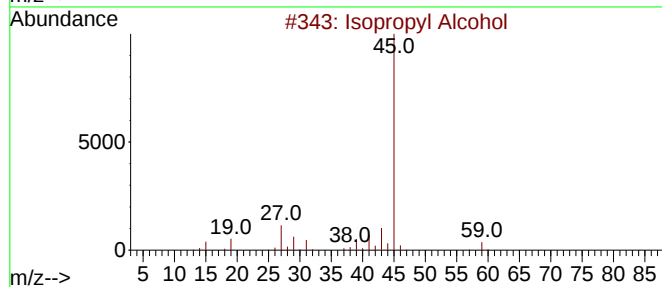
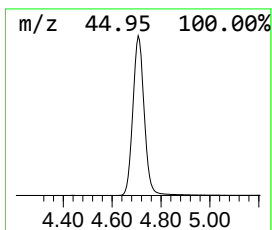
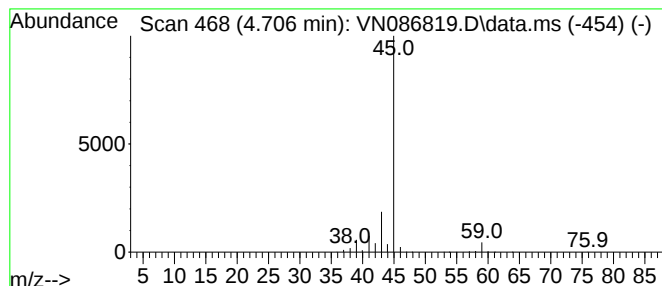
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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.
4.706	491.08 ug/l	3867320	Bromochloromethane	7.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	86
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	56
5			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9



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Instrument :
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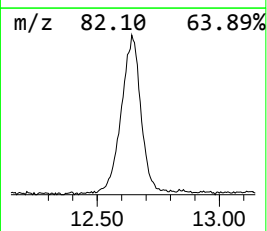
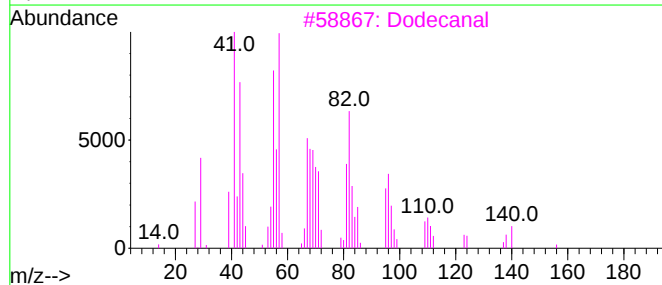
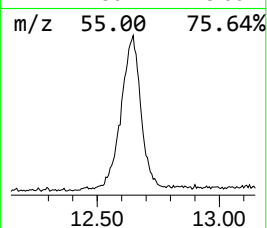
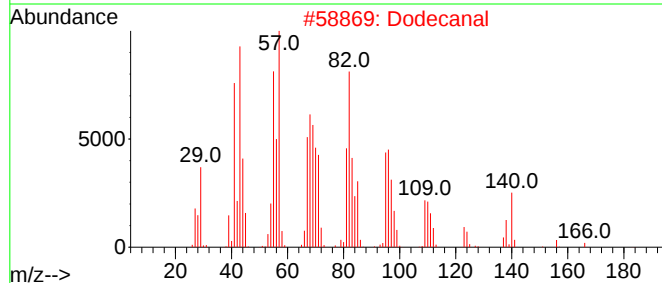
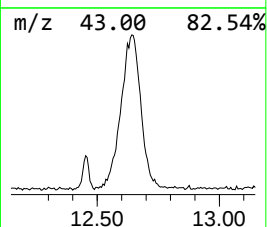
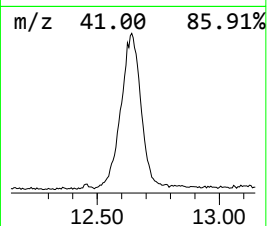
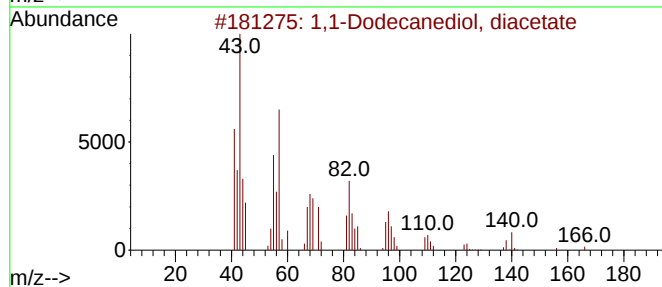
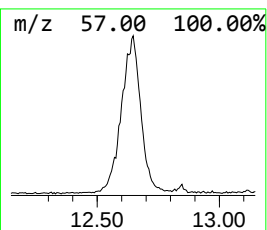
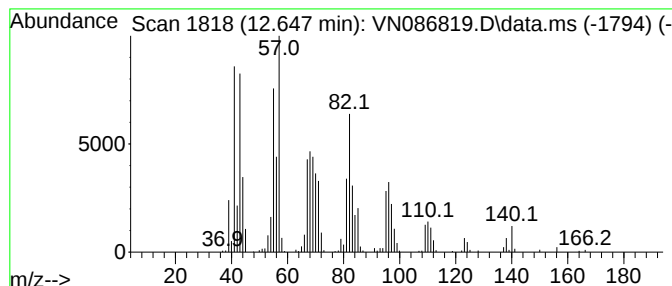
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 5 1,1-Dodecanediol, diacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.647	105.79 ug/l	1853420	Chlorobenzene-d5	11.859

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Dodecanediol, diacetate	286	C16H30O4	056438-07-4	91
2			Dodecanal	184	C12H24O	000112-54-9	91
3			Dodecanal	184	C12H24O	000112-54-9	91
4			Tridecanal	198	C13H26O	010486-19-8	90
5			Tridecanal	198	C13H26O	010486-19-8	90



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ALS Vial : 17 Sample Multiplier: 1

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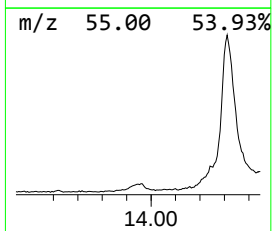
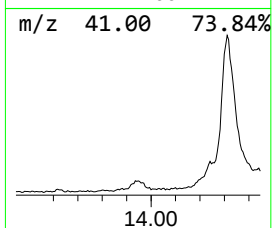
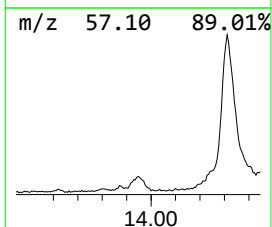
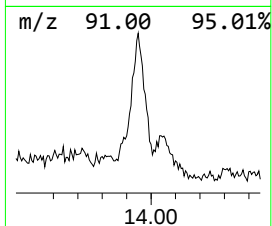
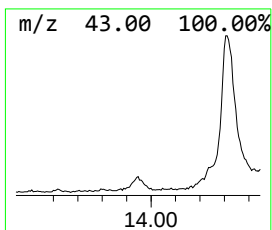
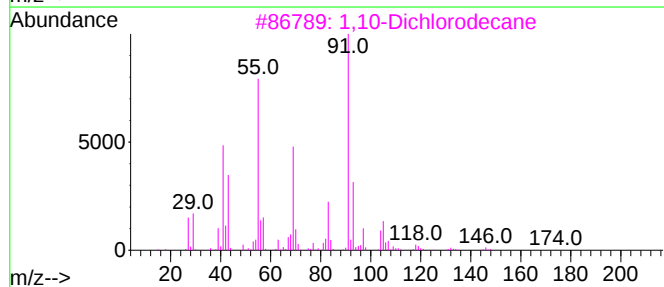
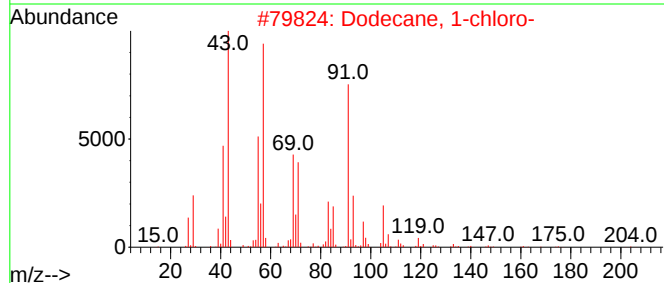
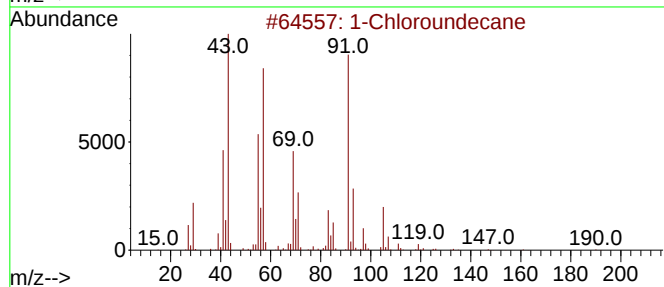
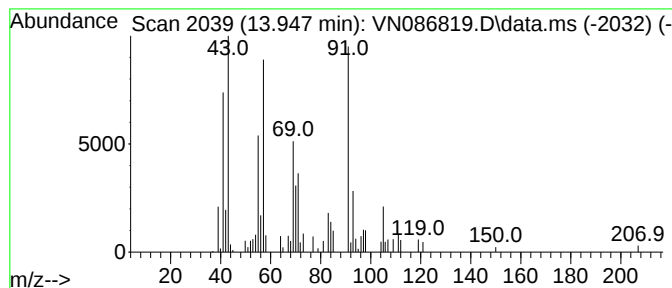
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TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Chloroundecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	6.05 ug/l	106050	Chlorobenzene-d5	11.859

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Chloroundecane	190	C11H23Cl	002473-03-2	80
2			Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	58
3			1,10-Dichlorodecane	210	C10H20Cl2	002162-98-3	27
4			1,12-Dichlorododecane	238	C12H24Cl2	003922-28-9	27
5			4-Ethyl-1-hexyn-3-ol	126	C8H14O	051277-03-3	22



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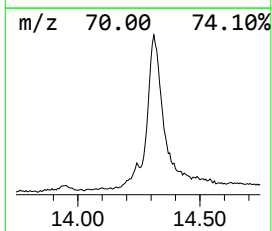
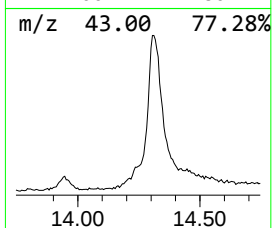
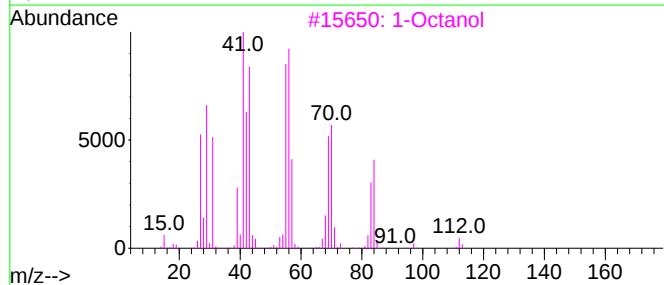
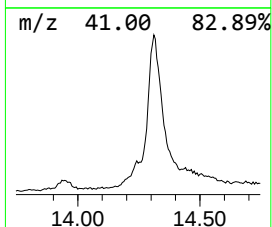
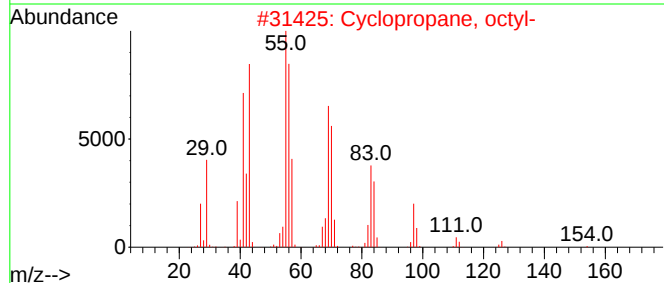
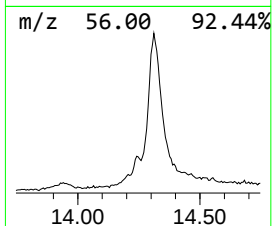
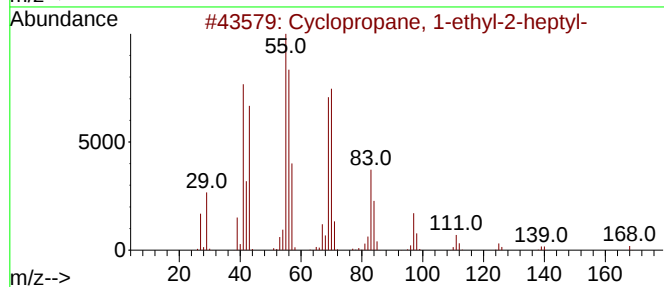
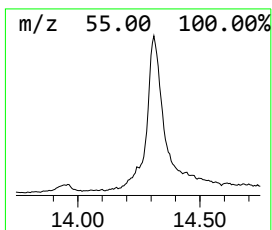
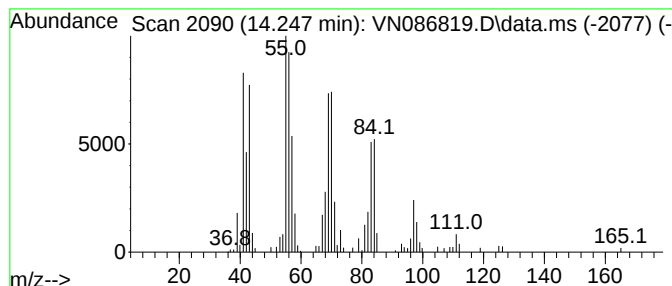
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopropane, 1-ethyl-2-hep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.247	11.58 ug/l	202963	Chlorobenzene-d5	11.859	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	86
2	Cyclopropane, octyl-	154	C11H22	001472-09-9	86
3	1-Octanol	130	C8H18O	000111-87-5	80
4	1-Octanol	130	C8H18O	000111-87-5	80
5	1-Nonene	126	C9H18	000124-11-8	74



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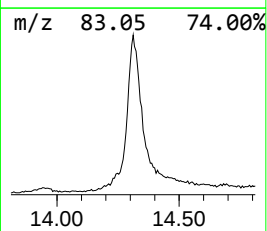
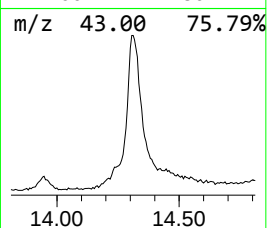
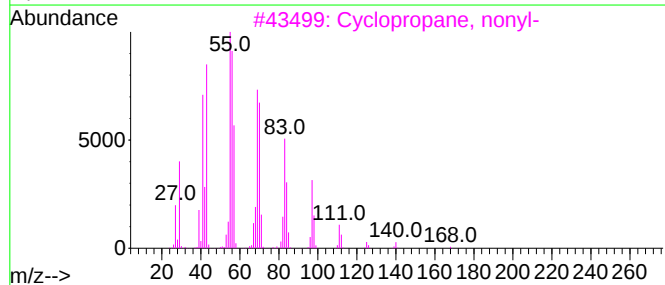
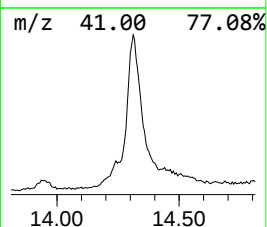
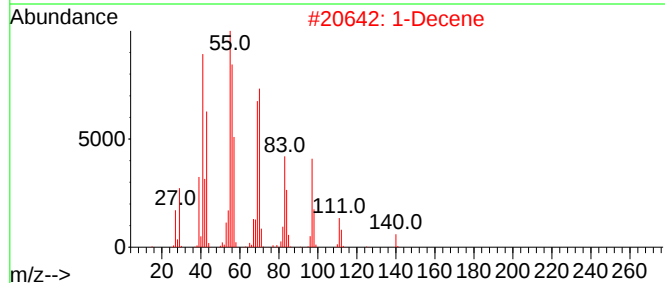
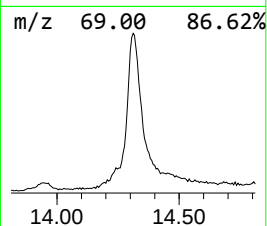
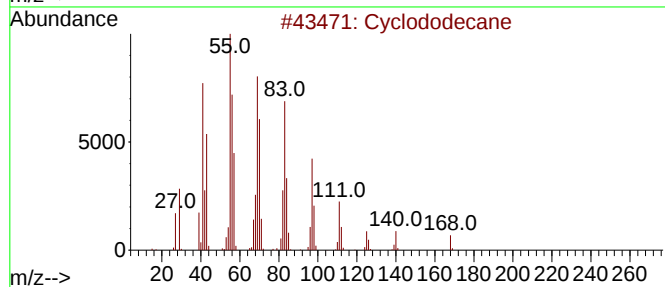
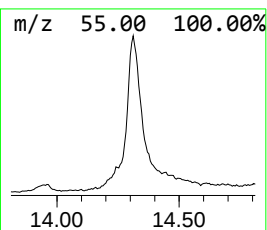
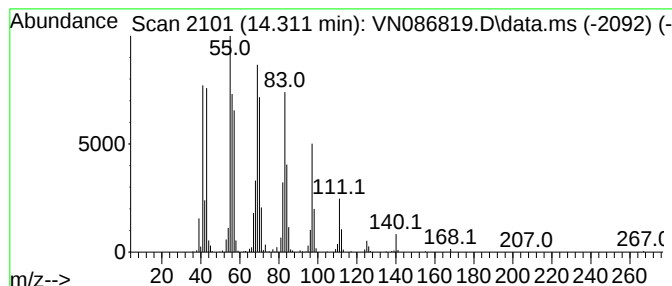
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 8 Cyclododecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	118.62 ug/l	2078260	Chlorobenzene-d5	11.859

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	96
2			1-Decene	140	C10H20	000872-05-9	94
3			Cyclopropane, nonyl-	168	C12H24	074663-85-7	94
4			Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	93
5			2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086819.D
Acq On : 29 May 2025 17:01
Operator : JC\MD
Sample : Q2098-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.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
Sulfur dioxide	2.318	20.7	ug/l	162683	1	7.812	236254	30.0
Isopropyl Alcohol	4.706	491.1	ug/l	3867320	1	7.812	236254	30.0
1,1-Dodecanedio...	12.647	105.8	ug/l	1853420	3	11.859	525614	30.0
1-Chloroundecane	13.947	6.0	ug/l	106050	3	11.859	525614	30.0
Cyclopropane, 1...	14.247	11.6	ug/l	202963	3	11.859	525614	30.0
Cyclododecane	14.312	118.6	ug/l	2078260	3	11.859	525614	30.0