

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085413.D
 Acq On : 09 Jan 2025 16:50
 Operator : JC\MD
 Sample : Q1049-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FRAC-TANK-257952

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M

Title : SW846 8260

Signal : TIC: VN085413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.765	295	308	330	rBV	2025132	5647418	15.70%	6.066%
2	7.206	881	893	906	rBV	886531	2458753	6.84%	2.641%
3	8.153	1042	1054	1059	rBV	172638	430600	1.20%	0.462%
4	8.212	1059	1064	1078	rVB	377738	865706	2.41%	0.930%
5	8.377	1081	1092	1108	rVV	1342867	3007346	8.36%	3.230%
6	8.594	1115	1129	1145	rBV	1397130	3515374	9.77%	3.776%
7	8.959	1179	1191	1208	rBV	15203789	35971983	100.00%	38.636%
8	9.094	1209	1214	1234	rVB	646885	1663658	4.62%	1.787%
9	10.559	1455	1463	1468	rBV2	974273	1827758	5.08%	1.963%
10	10.624	1468	1474	1484	rVV	3548297	6424939	17.86%	6.901%
11	10.724	1484	1491	1500	rVB	170042	366202	1.02%	0.393%
12	10.906	1515	1522	1530	rVB	249532	431445	1.20%	0.463%
13	11.635	1638	1646	1658	rVB	1203848	2114083	5.88%	2.271%
14	11.859	1677	1684	1692	rBV	781500	1359566	3.78%	1.460%
15	11.971	1692	1703	1709	rBV2	3912171	6993998	19.44%	7.512%
16	12.059	1709	1718	1730	rVB	3288264	6527325	18.15%	7.011%
17	12.394	1763	1775	1784	rBV2	2077750	3746946	10.42%	4.024%
18	12.847	1846	1852	1860	rBV	574453	1019136	2.83%	1.095%
19	13.094	1888	1894	1898	rBV	529908	918768	2.55%	0.987%
20	13.165	1901	1906	1913	rVB2	607200	1185117	3.29%	1.273%
21	13.329	1925	1934	1941	rBV	228923	462794	1.29%	0.497%
22	13.476	1953	1959	1965	rBV	980374	1536720	4.27%	1.651%
23	13.788	2006	2012	2014	rBV	691009	1141297	3.17%	1.226%
24	14.100	2060	2065	2071	rBV	327335	486177	1.35%	0.522%
25	14.170	2071	2077	2083	rVV2	327239	562203	1.56%	0.604%
26	14.659	2155	2160	2168	rVB2	271520	507025	1.41%	0.545%
27	14.953	2201	2210	2217	rBV	362949	552285	1.54%	0.593%
28	15.635	2320	2326	2333	rVB	525146	965915	2.69%	1.037%
29	15.823	2353	2358	2367	rVB	242013	414356	1.15%	0.445%

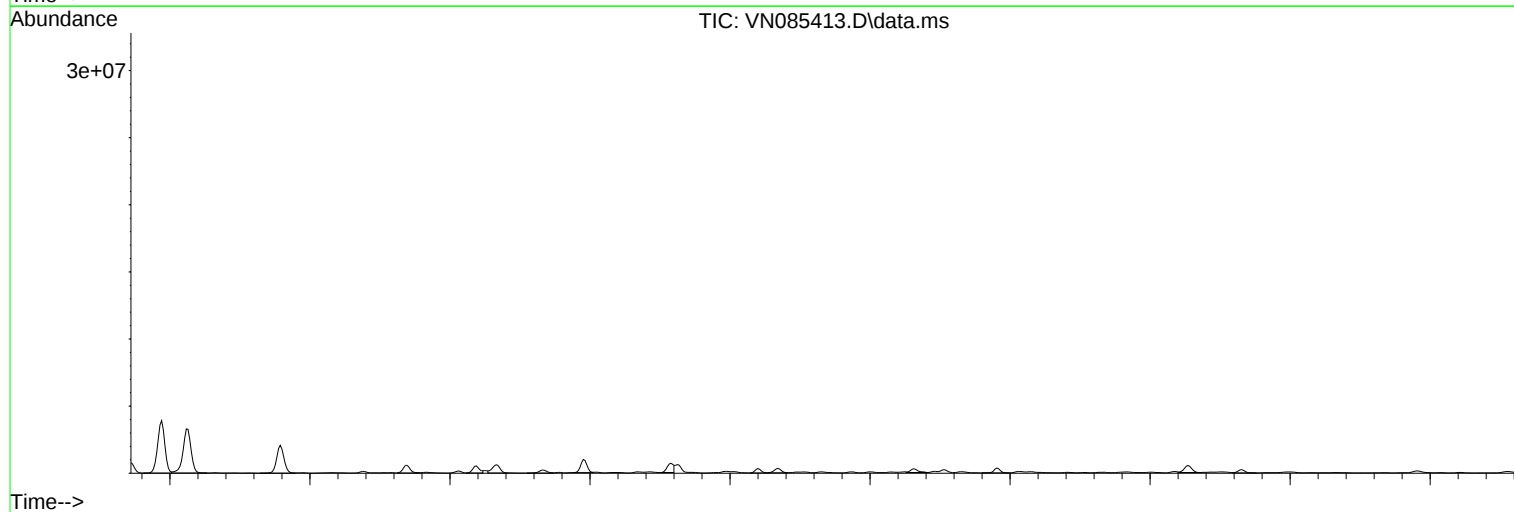
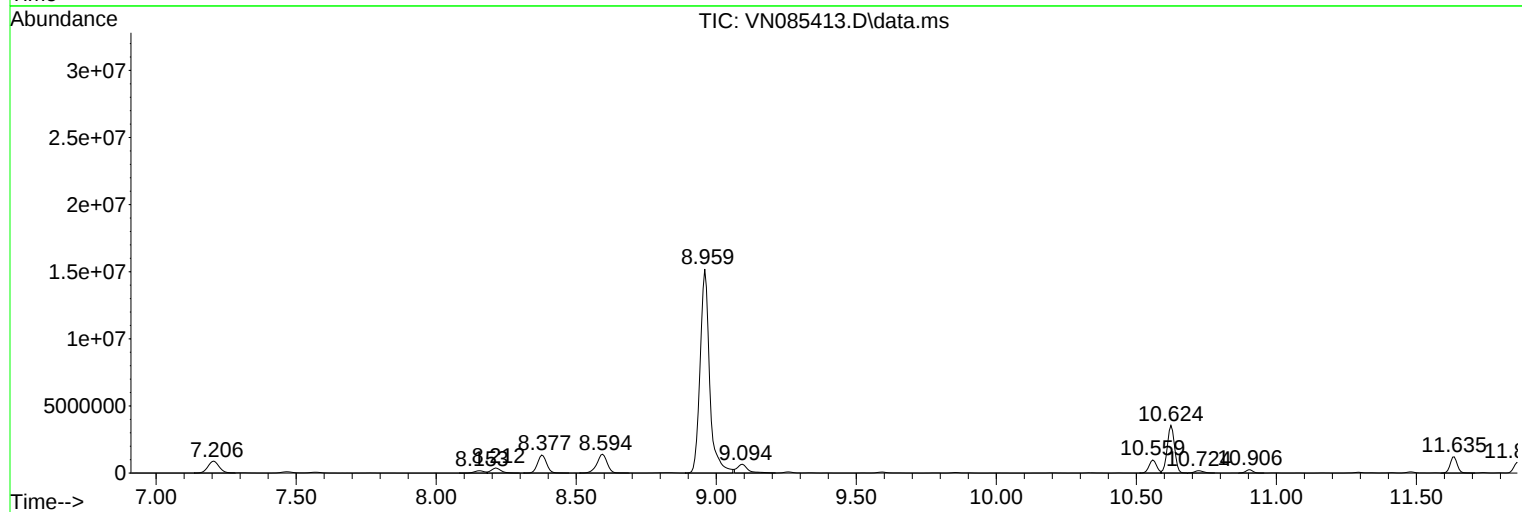
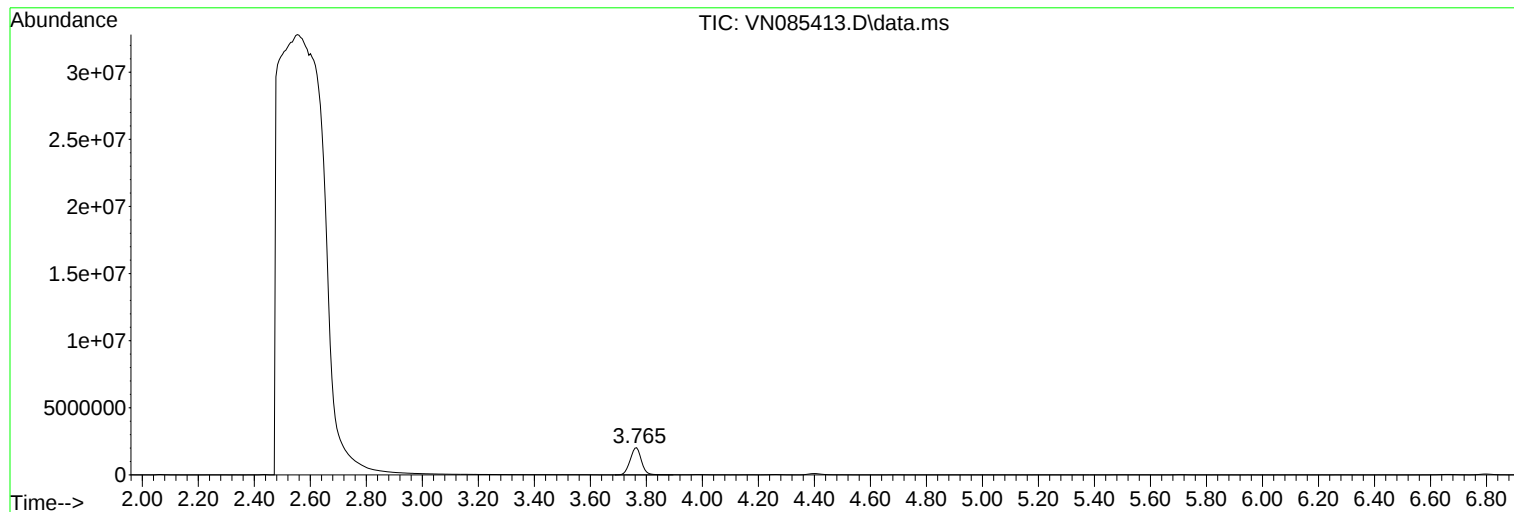
Sum of corrected areas: 93104893

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

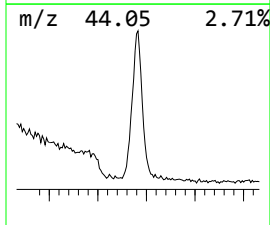
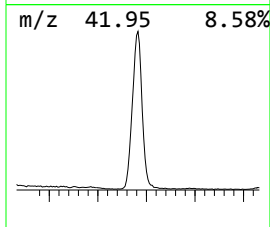
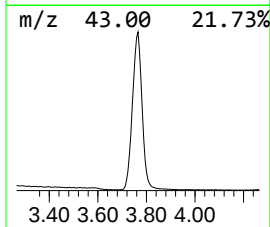
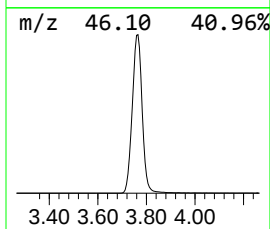
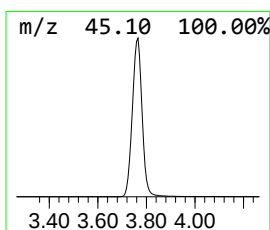
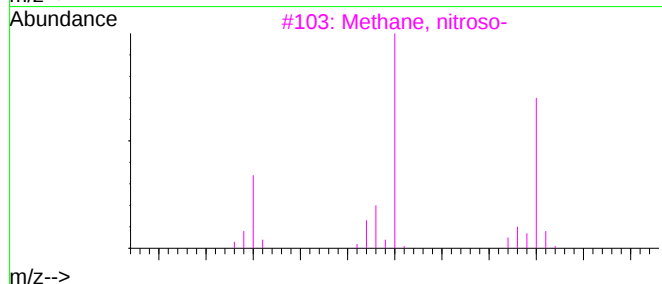
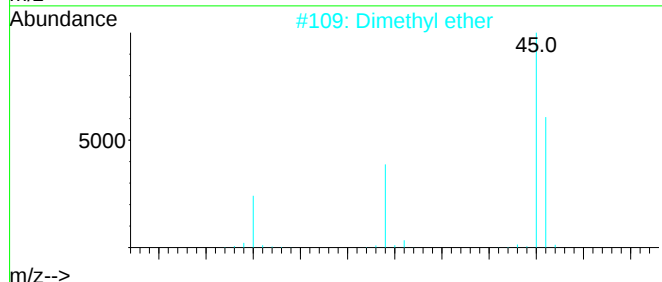
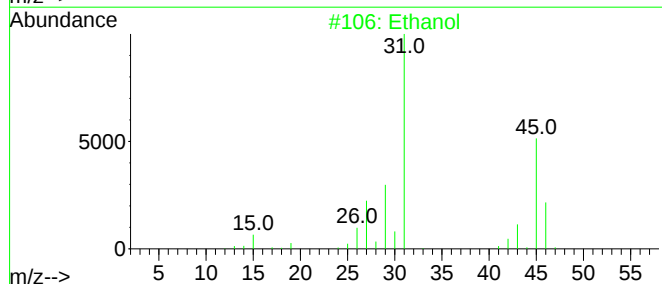
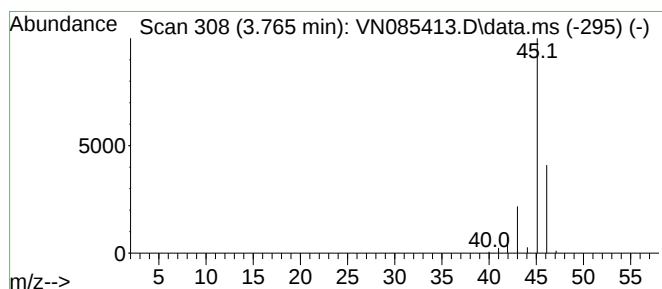
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

Peak Number 1 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.765	326.17 ug/l	5647420	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

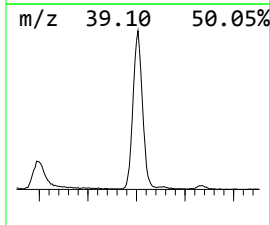
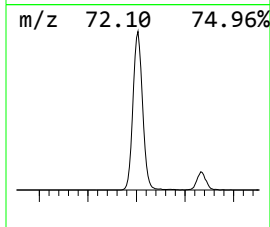
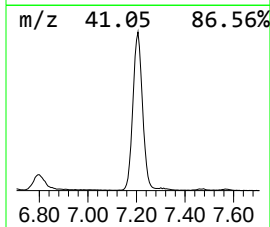
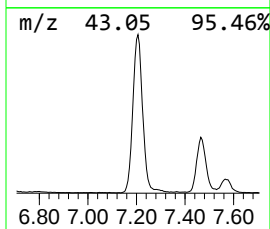
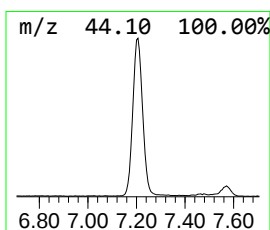
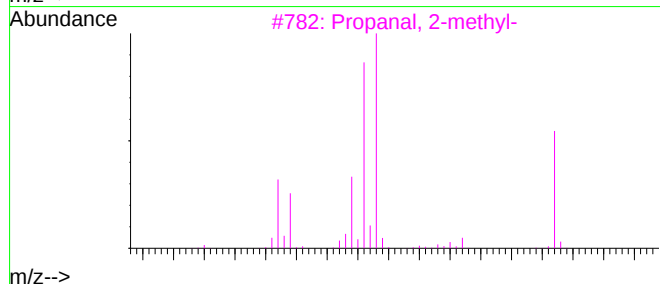
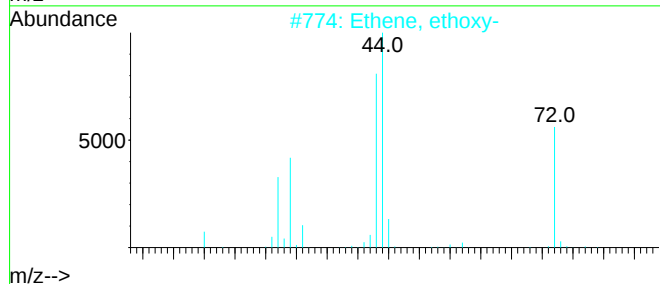
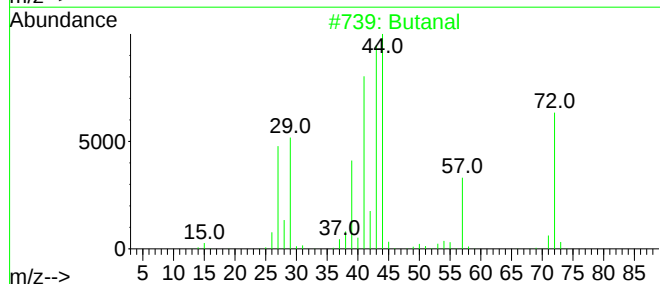
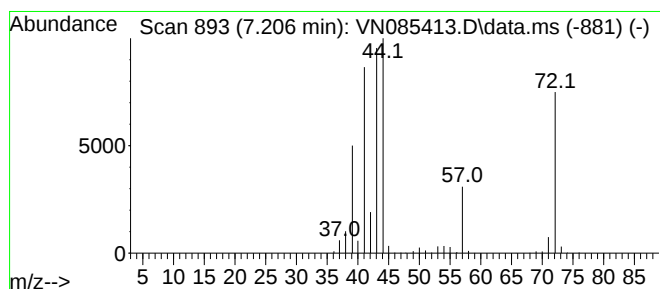
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.206	142.01 ug/l	2458750	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Ethene, ethoxy-	72	C4H8O	000109-92-2	52
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	46
4	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	37
5	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

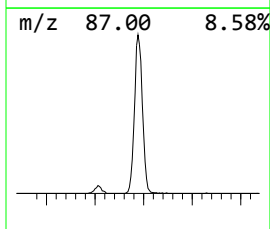
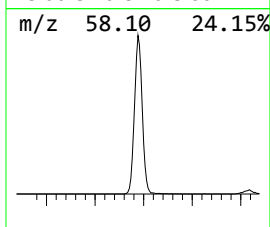
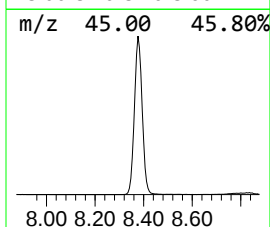
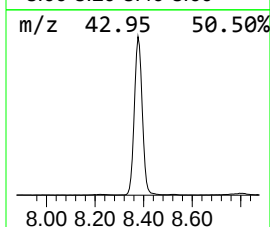
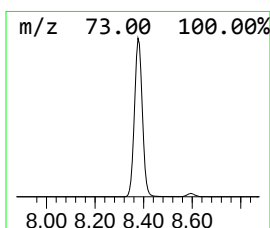
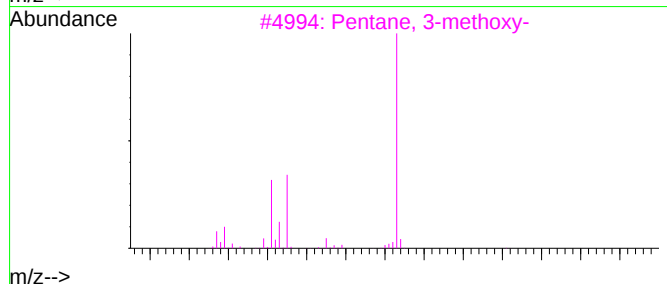
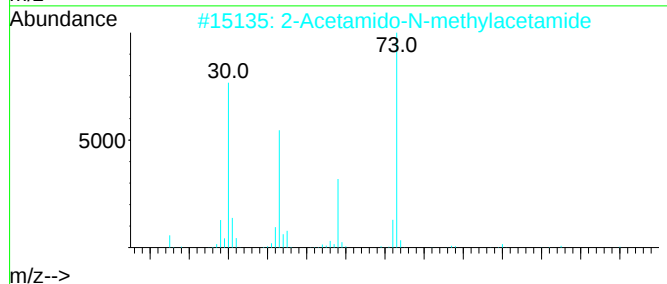
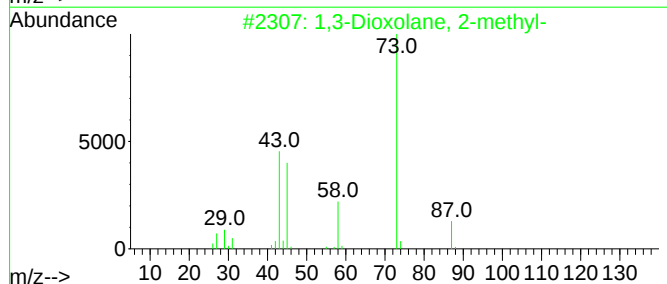
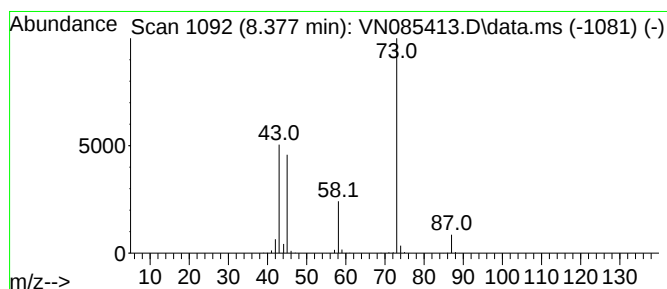
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

Peak Number 3 1,3-Dioxolane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.377	173.69 ug/l	3007350	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	91
2	2-Acetamido-N-methylacetamide	130	C5H10N2O2	007606-79-3	47
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	28
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

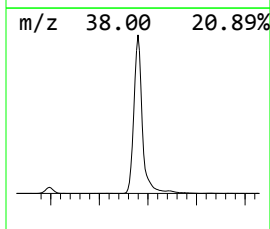
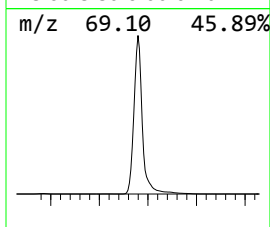
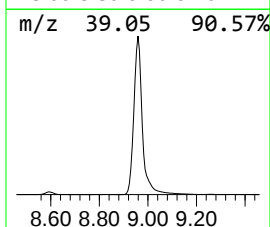
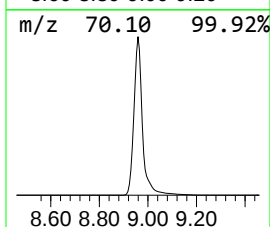
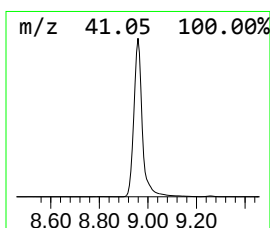
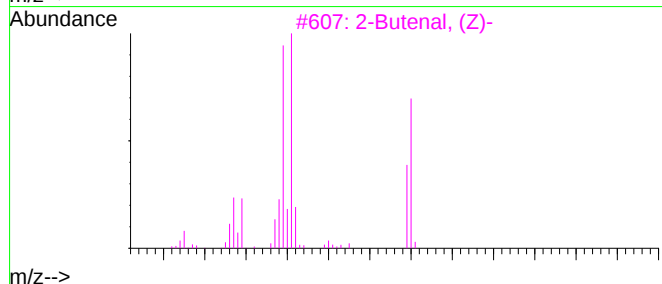
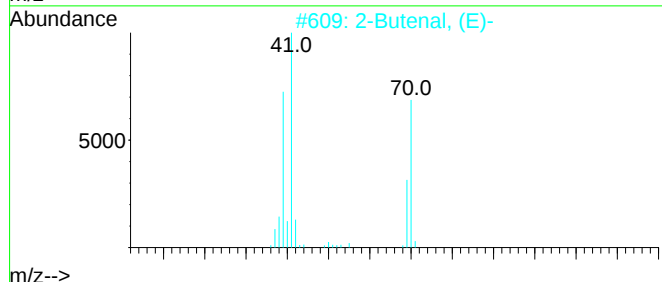
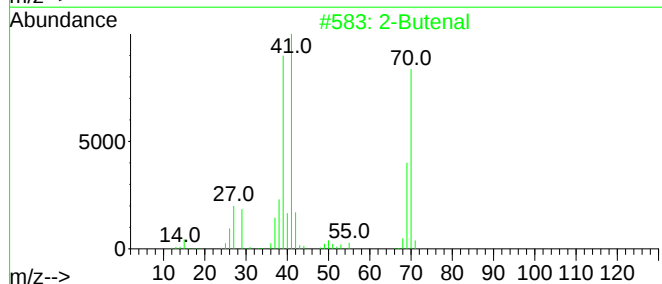
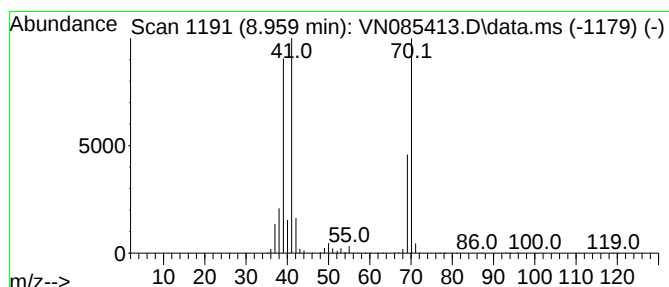
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

Peak Number 4 2-Butenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.959	1081.11 ug/l	35972000	1,4-Difluorobenzene	9.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal	70	C4H6O	004170-30-3	94
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	91
3	2-Butenal, (Z)-	70	C4H6O	015798-64-8	91
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	90
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

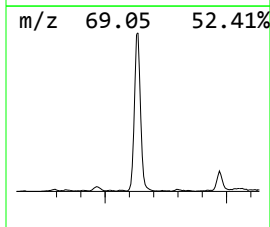
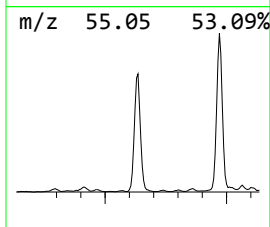
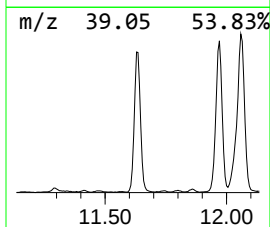
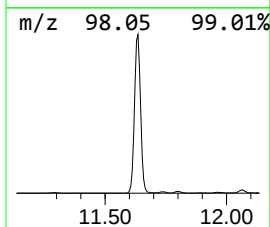
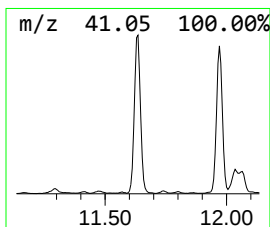
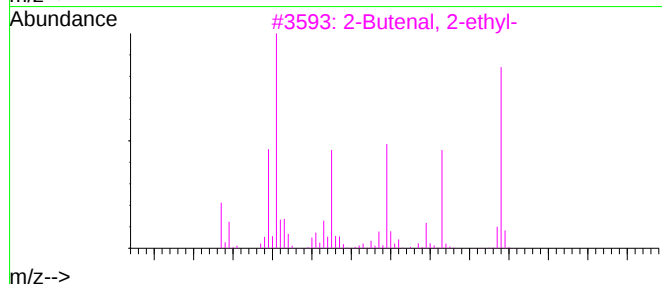
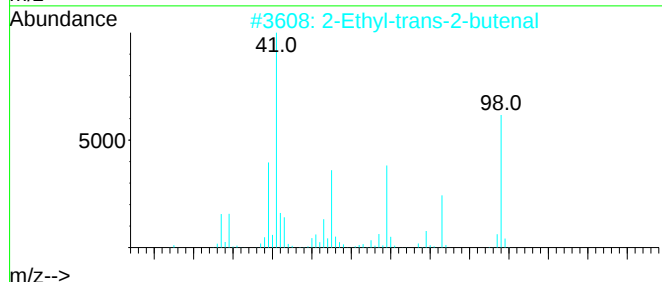
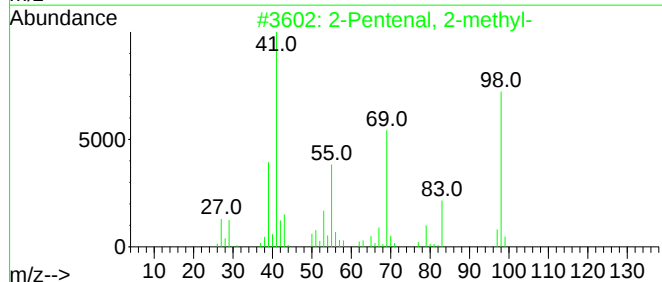
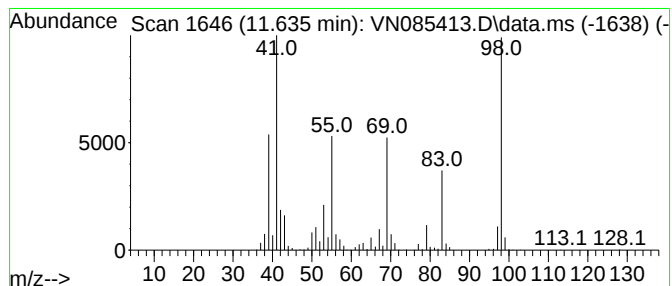
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentenal, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.635	77.75 ug/l	2114080	Chlorobenzene-d5	11.859	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	91
2	2-Ethyl-trans-2-butenal	98	C6H10O	063883-69-2	91
3	2-Butenal, 2-ethyl-	98	C6H10O	019780-25-7	72
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	50
5	1H-Imidazole-2-methanol	98	C4H6N2O	003724-26-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

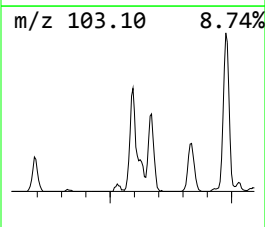
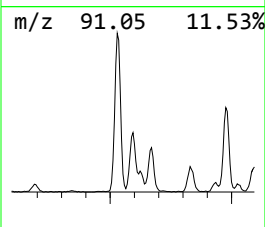
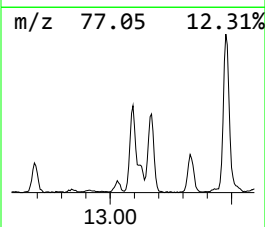
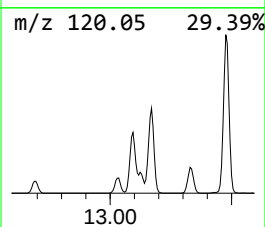
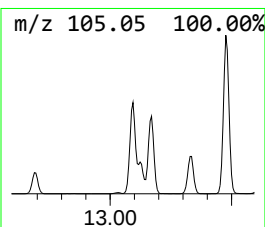
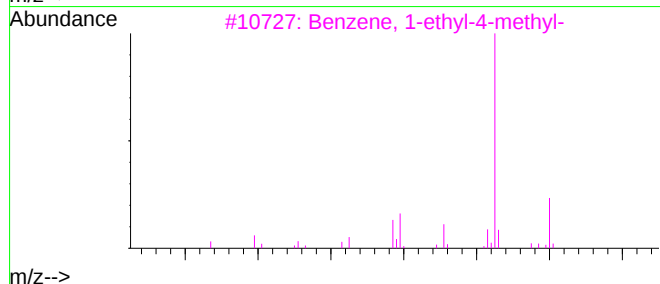
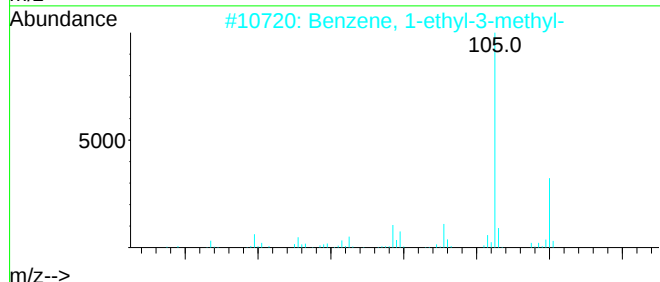
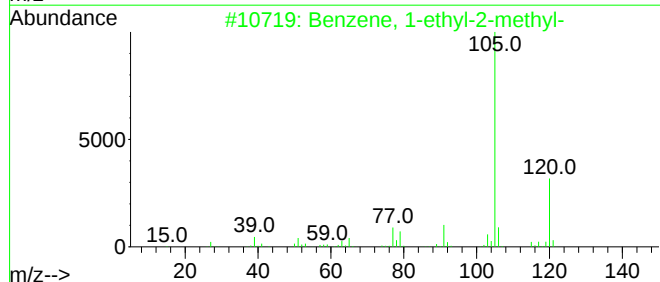
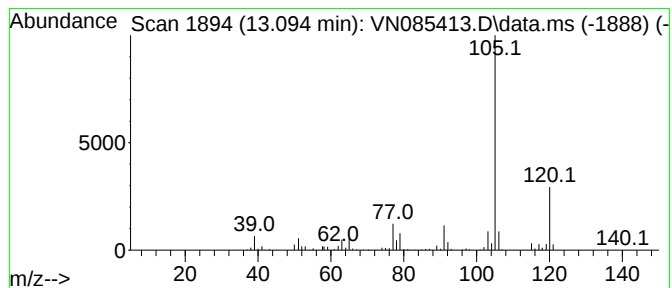
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.094	40.25 ug/l	918768	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

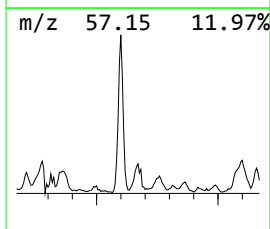
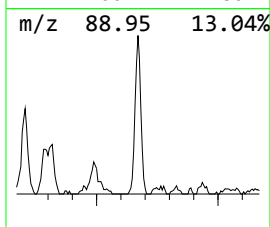
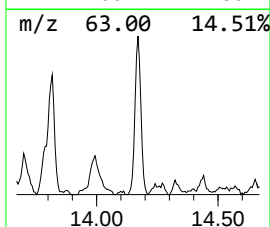
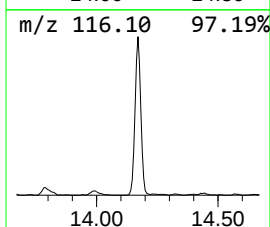
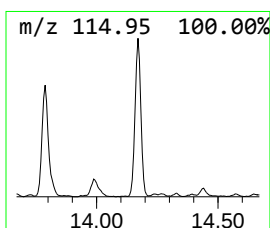
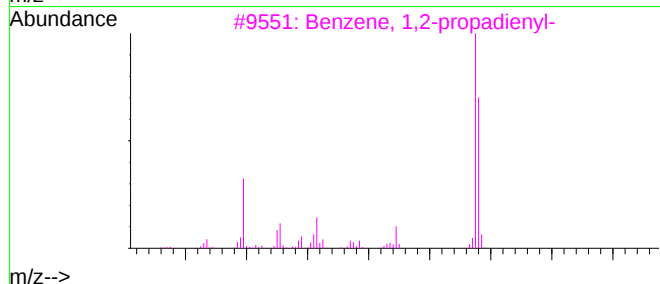
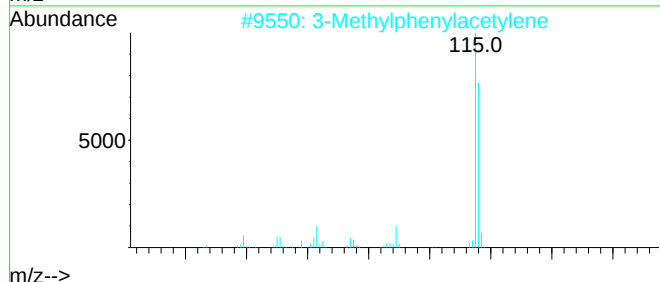
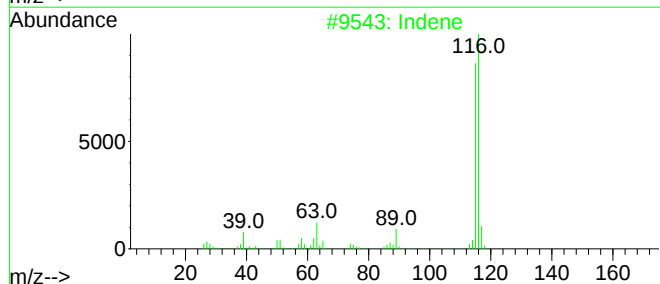
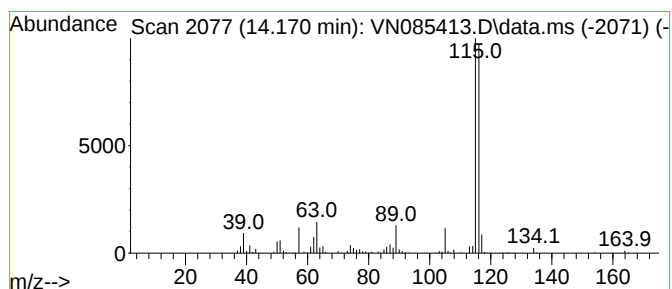
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

Peak Number 7 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.170	24.63 ug/l	562203	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	93
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

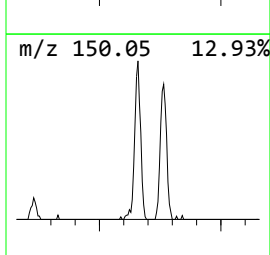
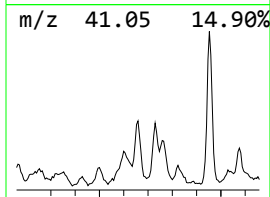
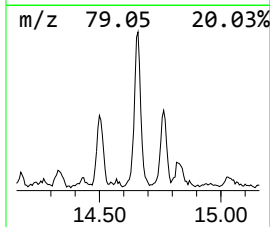
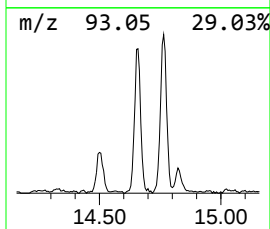
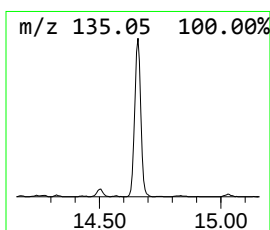
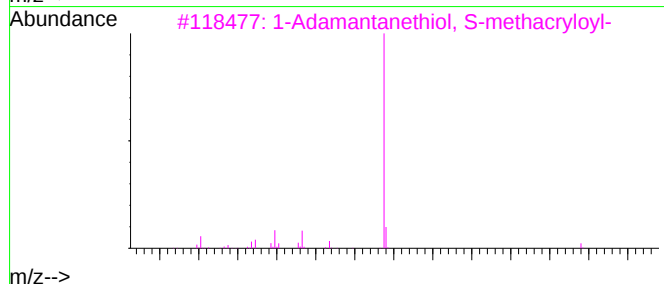
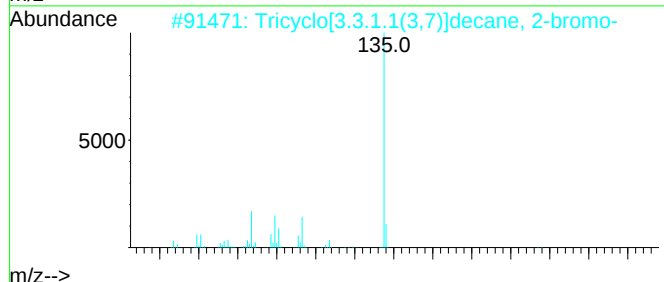
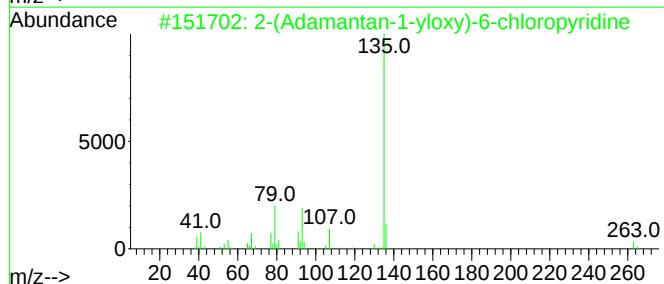
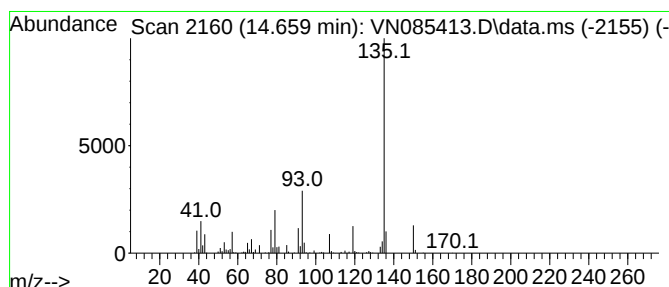
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

Peak Number 8 2-(Adamantan-1-yloxy)-6-chl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.659	22.21 ug/l	507025	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Adamantan-1-yloxy)-6-chloropy...	263	C15H18ClNO	1000411-33-6	72
2	Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	72
3	1-Adamantanethiol, S-methacryloyl-	236	C14H20OS	1000358-48-9	59
4	1-Iodoadamantane	262	C10H15I	000768-93-4	59
5	Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

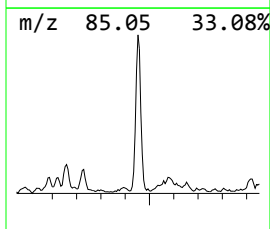
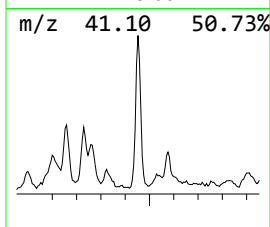
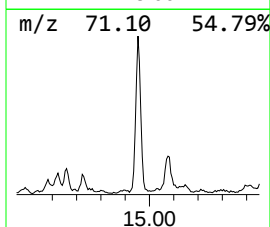
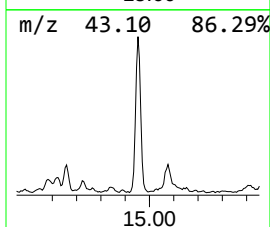
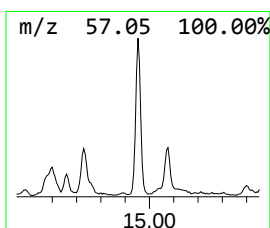
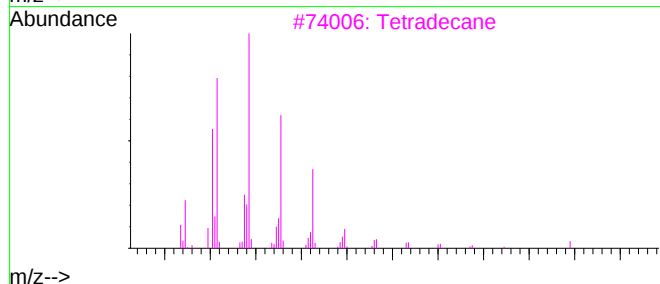
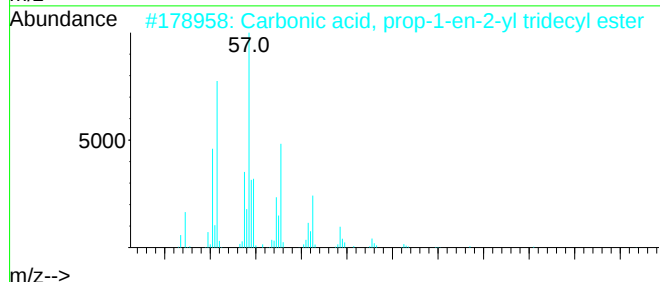
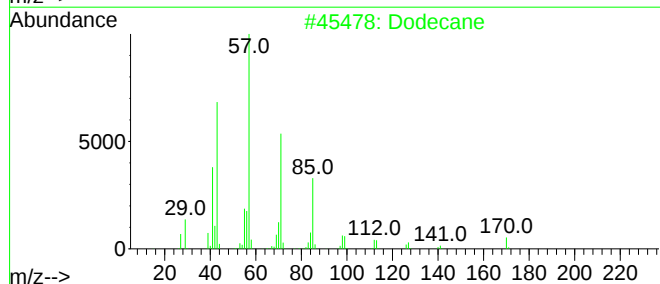
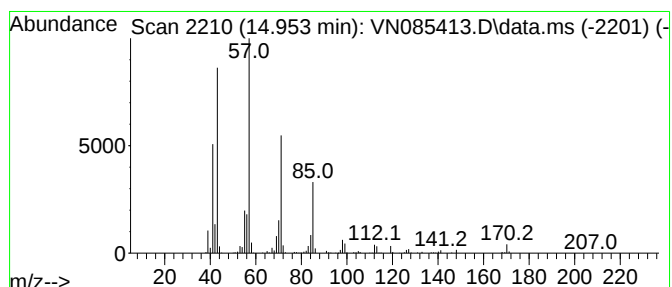
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.953	24.20 ug/l	552285	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	78
5	Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
Data File : VN085413.D
Acq On : 09 Jan 2025 16:50
Operator : JC\MD
Sample : Q1049-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-257952

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	3.765	326.2	ug/l	5647420	1	8.212	865706	50.0
Butanal	7.206	142.0	ug/l	2458750	1	8.212	865706	50.0
1,3-Dioxolane, ...	8.377	173.7	ug/l	3007350	1	8.212	865706	50.0
2-Butenal	8.959	1081.1	ug/l	35972000	2	9.094	1663660	50.0
2-Pentenal, 2-m...	11.635	77.8	ug/l	2114080	3	11.859	1359570	50.0
Benzene, 1-ethy...	13.094	40.3	ug/l	918768	4	13.788	1141300	50.0
Indene	14.170	24.6	ug/l	562203	4	13.788	1141300	50.0
2-(Adamantan-1-...	14.659	22.2	ug/l	507025	4	13.788	1141300	50.0
Dodecane	14.953	24.2	ug/l	552285	4	13.788	1141300	50.0