

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088382.D
 Acq On : 01 Dec 2025 14:54
 Operator : JC\MD
 Sample : Q3738-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW4

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\82N112425W.M
 Title : SW846 8260

Signal : TIC: VN088382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.536	94	99	105	rVB2	12675	20152	1.29%	0.143%
2	3.271	215	224	237	rBV2	59804	143494	9.17%	1.016%
3	3.659	281	290	303	rBV2	42909	115395	7.37%	0.817%
4	3.871	318	326	333	rVB7	6105	17732	1.13%	0.126%
5	4.153	363	374	381	rBV6	10491	31156	1.99%	0.221%
6	5.265	551	563	564	rBV3	13908	27843	1.78%	0.197%
7	5.330	566	574	590	rVB3	49627	182259	11.65%	1.291%
8	5.800	643	654	668	rVB3	39984	132737	8.48%	0.940%
9	6.300	728	739	751	rBV3	25871	77887	4.98%	0.552%
10	6.642	790	797	808	rVB6	8800	27223	1.74%	0.193%
11	7.065	860	869	878	rBV5	6859	20752	1.33%	0.147%
12	7.312	901	911	923	rBV2	66068	193459	12.36%	1.370%
13	7.983	1020	1025	1034	rVB4	8895	17767	1.14%	0.126%
14	8.147	1043	1053	1058	rBV2	200927	510072	32.60%	3.612%
15	8.206	1058	1063	1075	rVV	294641	745876	47.67%	5.282%
16	8.306	1075	1080	1092	rVB5	22779	61414	3.92%	0.435%
17	8.424	1092	1100	1107	rBV3	35898	86655	5.54%	0.614%
18	8.559	1115	1123	1138	rVB	230558	555819	35.52%	3.936%
19	8.700	1138	1147	1151	rBV5	34812	91595	5.85%	0.649%
20	8.835	1164	1170	1178	rVB5	40586	93641	5.98%	0.663%
21	8.953	1179	1190	1197	rVB6	14735	40060	2.56%	0.284%
22	9.083	1203	1212	1226	rBV	532153	1148975	73.43%	8.136%
23	9.577	1282	1296	1312	rBV	169409	435309	27.82%	3.083%
24	9.759	1320	1327	1334	rVB5	25151	49859	3.19%	0.353%
25	9.841	1336	1341	1348	rVB5	9457	18820	1.20%	0.133%
26	9.988	1360	1366	1375	rVB3	31772	65817	4.21%	0.466%
27	10.082	1376	1382	1385	rVV2	20848	37245	2.38%	0.264%
28	10.124	1385	1389	1395	rVV4	39749	70610	4.51%	0.500%
29	10.182	1395	1399	1403	rVV5	12643	22845	1.46%	0.162%
30	10.318	1413	1422	1432	rBV6	15471	40157	2.57%	0.284%
31	10.424	1436	1440	1444	rBV4	10145	17822	1.14%	0.126%
32	10.541	1453	1460	1467	rBV	825960	1564734	100.00%	11.081%
33	10.606	1467	1471	1479	rVB	111106	200743	12.83%	1.422%
34	10.724	1485	1491	1498	rVB6	24506	55058	3.52%	0.390%
35	10.894	1512	1520	1526	rBV6	16637	36690	2.34%	0.260%
36	10.965	1526	1532	1541	rVB7	19581	59329	3.79%	0.420%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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37	11.235	1570	1578	1581	rBV6	8585	17803	1.14%	0.126%
38	11.394	1601	1605	1610	rVB2	14468	27989	1.79%	0.198%
39	11.612	1636	1642	1647	rBV5	7318	17338	1.11%	0.123%
40	11.841	1672	1681	1692	rBV	753595	1376071	87.94%	9.745%
41	11.941	1692	1698	1707	rVV	82328	158272	10.11%	1.121%
42	12.047	1707	1716	1731	rVV	269973	580282	37.09%	4.109%
43	12.376	1763	1772	1781	rBV	109112	215148	13.75%	1.524%
44	12.676	1817	1823	1828	rBV2	18633	35989	2.30%	0.255%
45	12.829	1842	1849	1860	rBV	530918	1011101	64.62%	7.160%
46	13.012	1875	1880	1886	rBV	60265	105263	6.73%	0.745%
47	13.076	1886	1891	1895	rVV2	95256	183003	11.70%	1.296%
48	13.153	1899	1904	1915	rVB2	61084	125079	7.99%	0.886%
49	13.312	1926	1931	1938	rBV	37115	67008	4.28%	0.475%
50	13.459	1950	1956	1969	rVB	168234	302802	19.35%	2.144%
51	13.582	1969	1977	1983	rBV6	14345	37808	2.42%	0.268%
52	13.770	2001	2009	2029	rVB	715315	1403828	89.72%	9.941%
53	13.929	2030	2036	2038	rBV3	43010	65774	4.20%	0.466%
54	13.970	2038	2043	2047	rBV3	45668	90890	5.81%	0.644%
55	14.094	2059	2064	2069	rVB6	12415	23524	1.50%	0.167%
56	14.159	2070	2075	2080	rVB3	10650	15798	1.01%	0.112%
57	14.217	2080	2085	2090	rBV3	17667	40585	2.59%	0.287%
58	14.306	2094	2100	2107	rVV	112040	189735	12.13%	1.344%
59	14.370	2107	2111	2115	rVV3	22212	38573	2.47%	0.273%
60	14.417	2115	2119	2125	rVB2	71113	124536	7.96%	0.882%
61	14.559	2137	2143	2147	rBV6	10869	17750	1.13%	0.126%
62	14.629	2147	2155	2159	rBV	67298	118260	7.56%	0.837%
63	14.665	2159	2161	2165	rVV2	20810	27366	1.75%	0.194%
64	14.906	2196	2202	2214	rVB3	53433	117433	7.50%	0.832%
65	15.023	2214	2222	2228	rBV5	85571	213658	13.65%	1.513%
66	15.076	2228	2231	2240	rVB7	11353	26091	1.67%	0.185%
67	15.288	2255	2267	2272	rBV4	32377	85492	5.46%	0.605%
68	15.329	2272	2274	2278	rVV4	13147	21545	1.38%	0.153%
69	15.412	2282	2288	2294	rVB5	25953	65004	4.15%	0.460%
70	15.612	2317	2322	2329	rVV2	17403	35138	2.25%	0.249%
71	15.917	2368	2374	2381	rBV4	13881	27332	1.75%	0.194%
72	16.100	2398	2405	2407	rBV7	7956	16065	1.03%	0.114%
73	16.470	2463	2468	2475	rVB7	8691	17191	1.10%	0.122%
74	16.747	2508	2515	2522	rBV2	26903	61856	3.95%	0.438%

Sum of corrected areas: 14121381

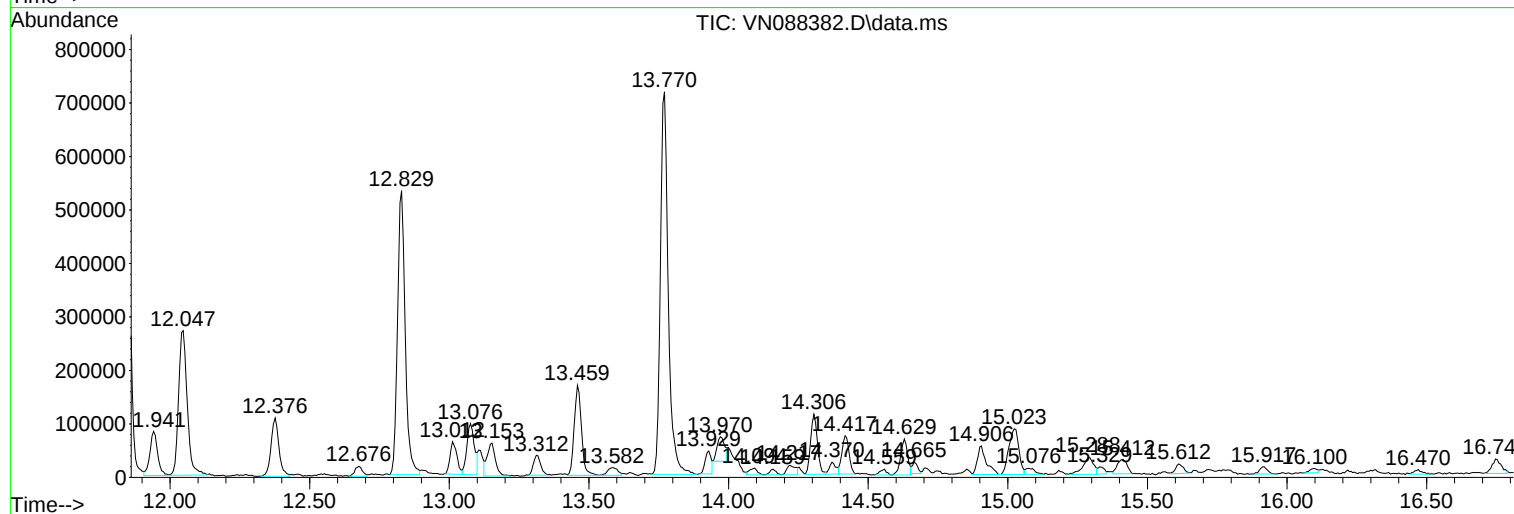
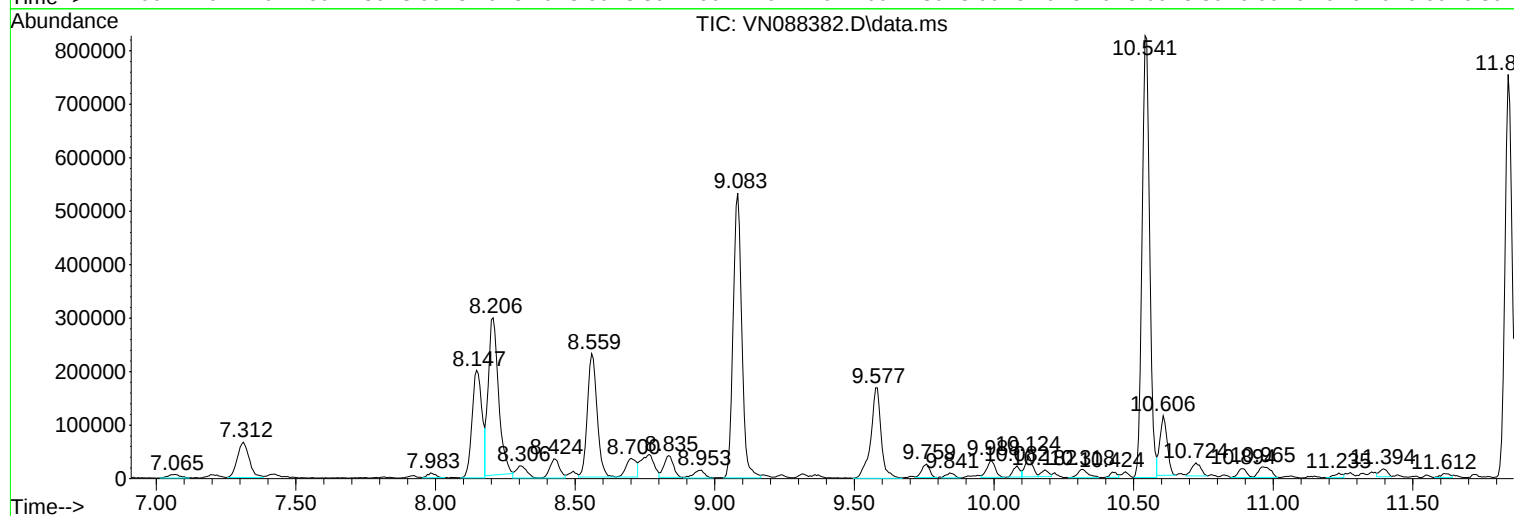
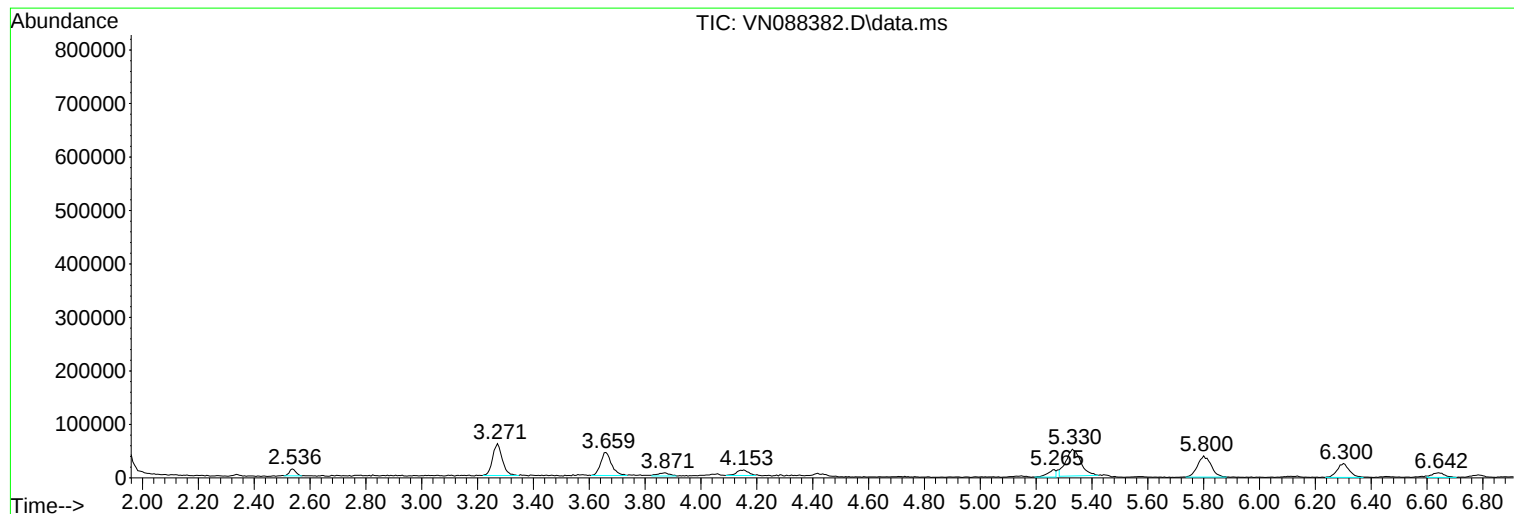
Instrument :
MSVOA_N
ClientSampleId :
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



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Operator : JC\MD
Sample : Q3738-01 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

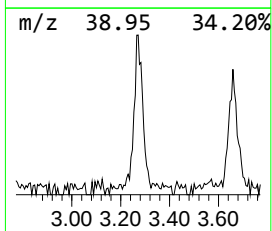
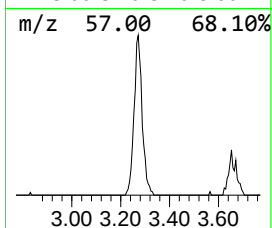
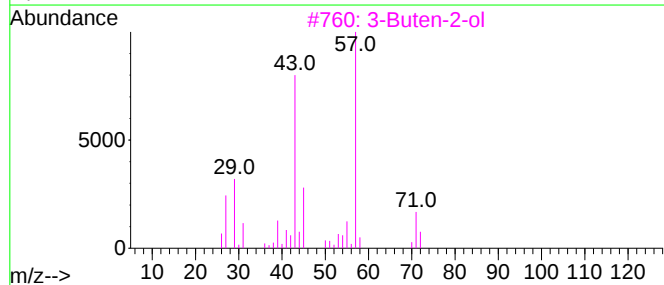
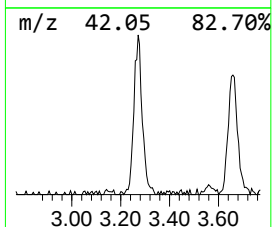
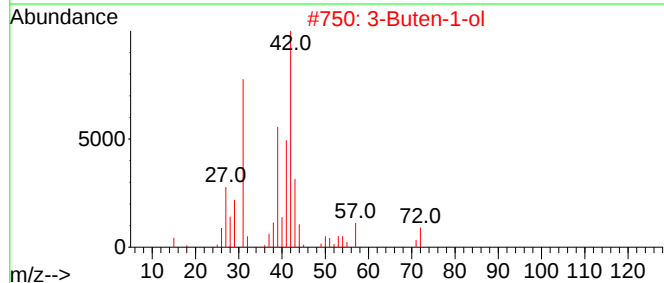
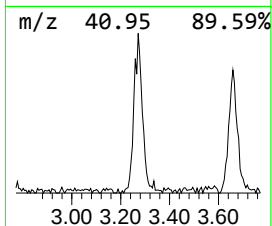
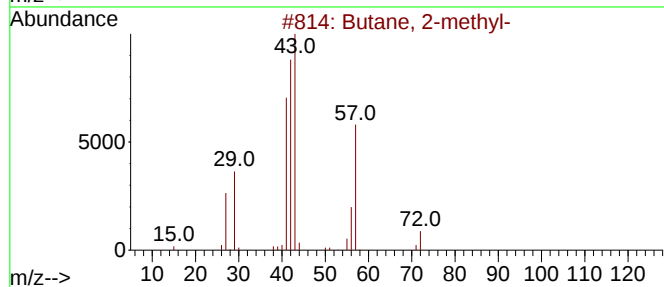
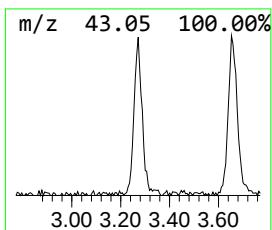
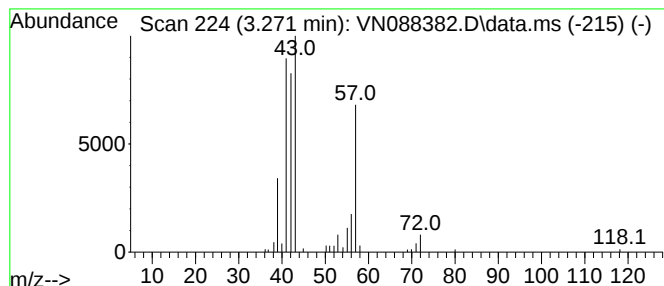
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.271	9.62 ug/l	143494	Pentafluorobenzene	8.206

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		3-Buten-1-ol	72	C4H8O	000627-27-0	9
3		3-Buten-2-ol	72	C4H8O	000598-32-3	9
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9
5		Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	9



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Instrument :
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ClientSampleId :
MW4

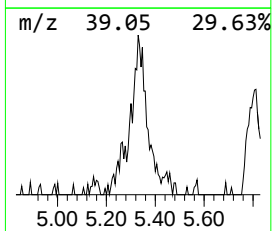
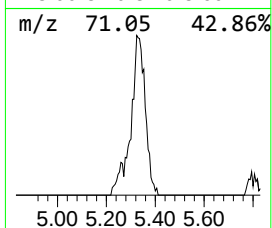
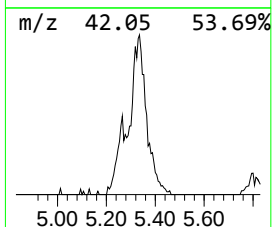
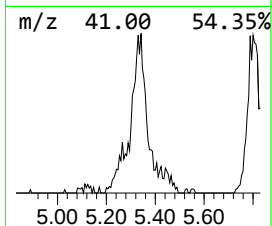
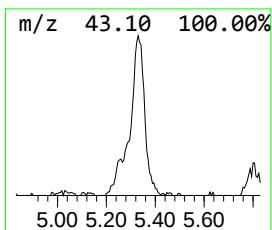
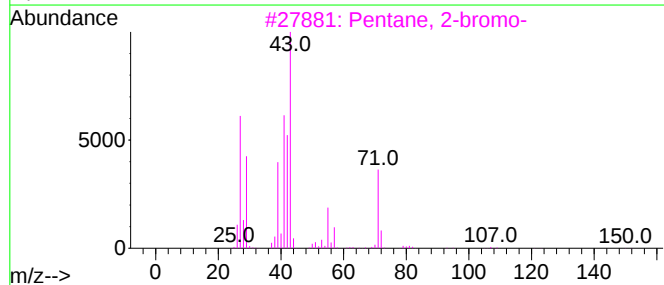
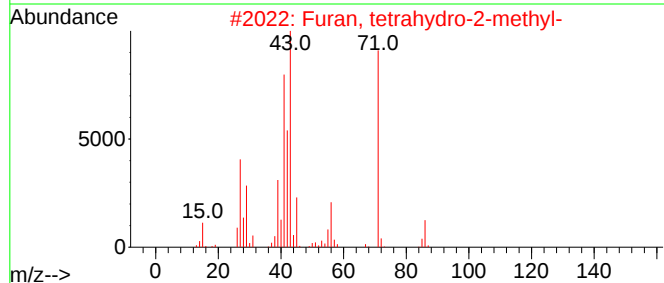
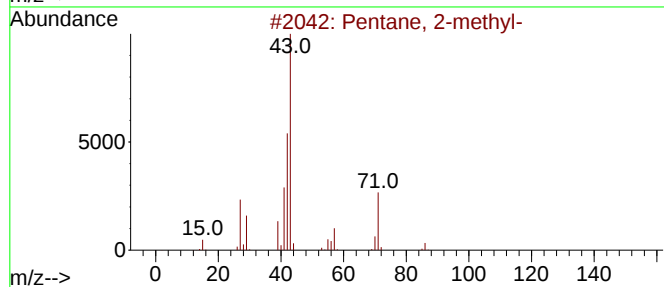
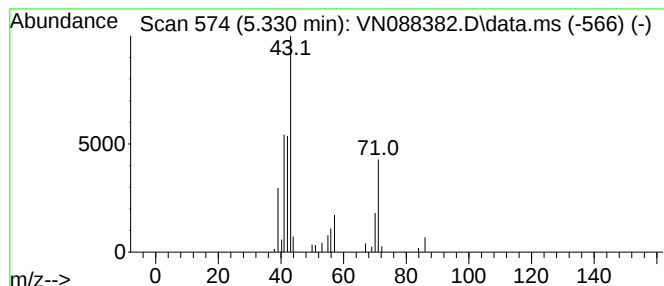
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	12.22 ug/l	182259	Pentafluorobenzene	8.206

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
3			Pentane, 2-bromo-	150	C5H11Br	000107-81-3	45
4			Pentane	72	C5H12	000109-66-0	38
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38



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ClientSampleId :
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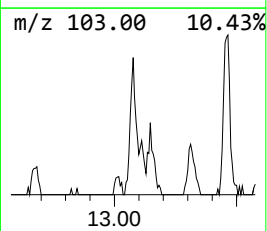
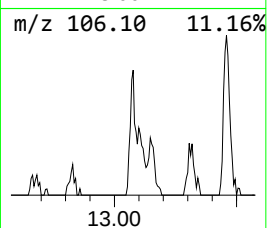
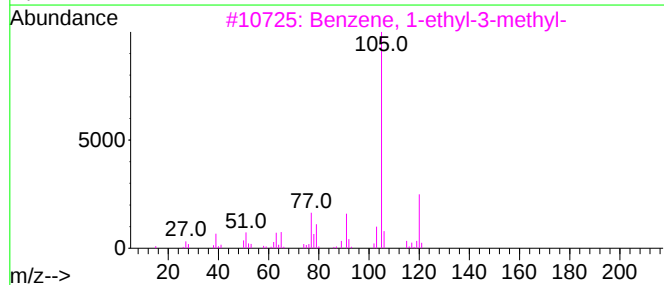
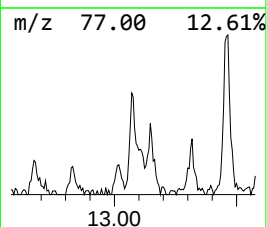
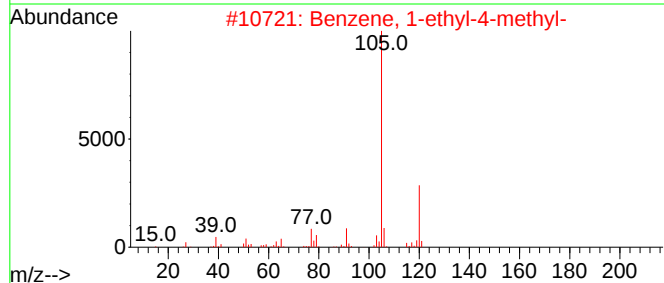
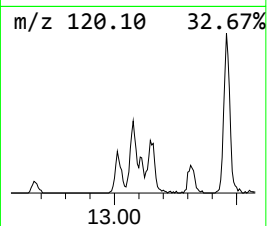
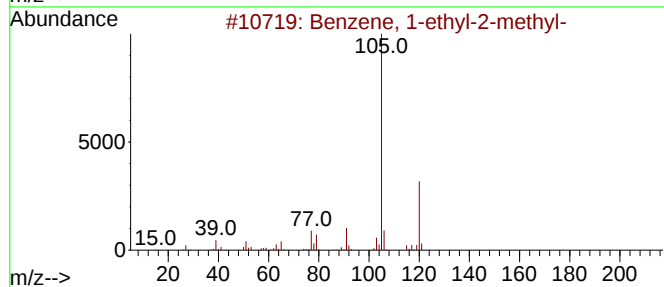
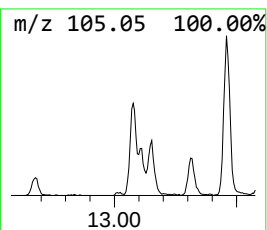
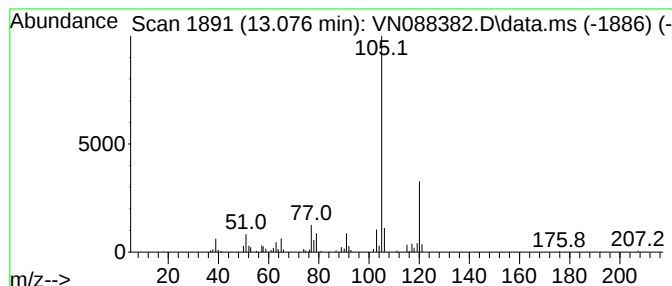
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.076	6.52 ug/l	183003	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4			Mesitylene	120	C9H12	000108-67-8	87
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87



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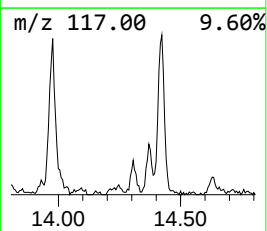
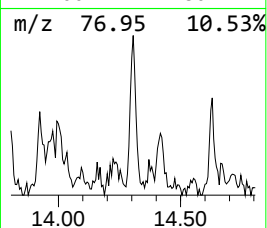
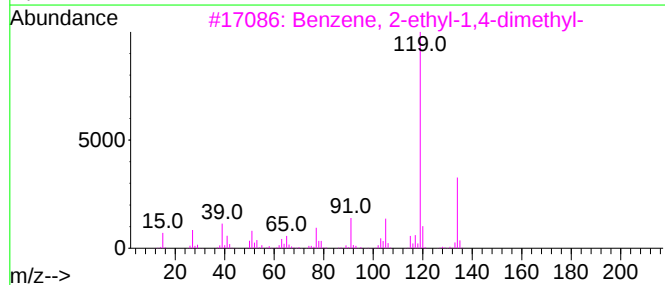
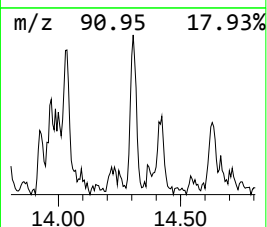
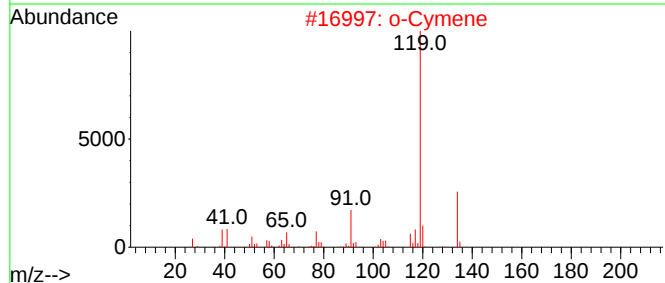
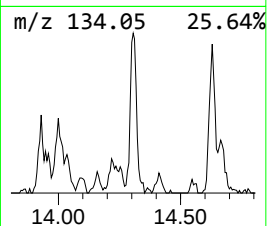
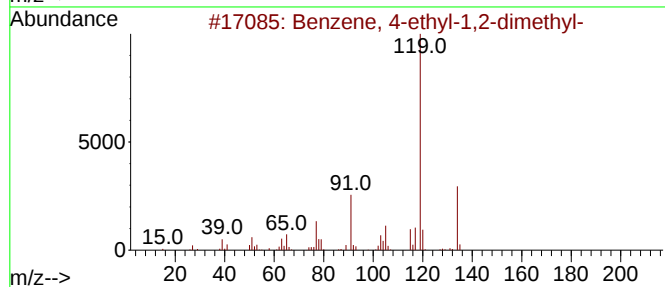
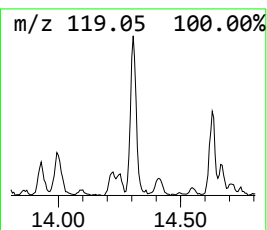
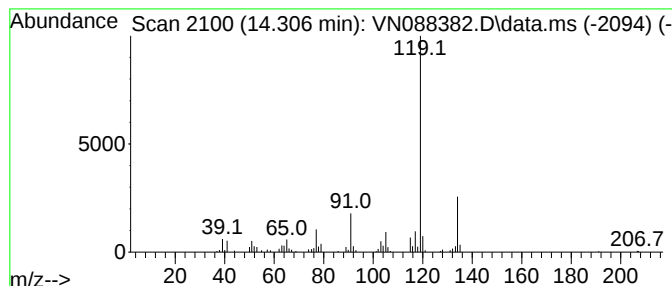
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	6.76 ug/l	189735	1,4-Dichlorobenzene-d4	13.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088382.D
Acq On : 01 Dec 2025 14:54
Operator : JC\MD
Sample : Q3738-01 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.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
Butane, 2-methyl-	3.271	9.6	ug/l	143494	1	8.206	745876	50.0
Pentane, 2-methyl-	5.330	12.2	ug/l	182259	1	8.206	745876	50.0
Benzene, 1-ethy...	13.076	6.5	ug/l	183003	4	13.771	1403830	50.0
Benzene, 4-ethy...	14.306	6.8	ug/l	189735	4	13.771	1403830	50.0