LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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: VN088380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.336	60	65	73	rVB2	14268	25199	1.35%	0.139%
2	2.536	90	99	107	rBV	54011	97567	5.21%	0.537%
3	3.271	212	224	238	rBV	265402	654533	34.98%	3.605%
4	3.665	281	291	301	rBV4	34669	97642	5.22%	0.538%
5	4.147	364	373	383	rBV4	22426	65516	3.50%	0.361%
6	4.412	410	418	419	rBV4	16577	24821	1.33%	0.137%
7	4.712	459	469	484	rVB2	22293	83279	4.45%	0.459%
8	5.271	550	564	567	rBV2	54762	166531	8.90%	0.917%
9	5.330	570	574	576	rBV3	23096	34482	1.84%	0.190%
10	5.800	640	654	671	rVB3	94602	330518	17.66%	1.820%
11	6.635	786	796	806	rVB5	13481	39800	2.13%	0.219%
12	6.777	811	820	829	rBV5	16861	52495	2.81%	0.289%
13	7.071	860	870	878	rBV3	17772	53474	2.86%	0.295%
14	7.206	884	893	901	rBV2	18045	45425	2.43%	0.250%
15	7.306	901	910	920	rBV2	112973	339846	18.16%	1.872%
16	7.418	924	929	937	rVB2	30488	75141	4.02%	0.414%
17	7.982	1017	1025	1026	rBV3	18287	26483	1.42%	0.146%
18	8.147	1044	1053	1058	rBV2	247816	620399	33.15%	3.417%
19	8.206	1058	1063	1075	rVB2	336321	854137	45.64%	4.704%
20	8.312	1075	1081	1093	rVB4	52271	135354	7.23%	0.745%
21	8.424	1093	1100	1107	rBV4	23978	54935	2.94%	0.303%
22	8.559	1115	1123	1136	rVB2	286745	710417	37.96%	3.913%
23	8.741	1138	1154	1155	rBV9	68919	225534	12.05%	1.242%
24	8.835	1165	1170	1179	rVB3	25157	57123	3.05%	0.315%
25	9.082	1203	1212	1226	rBV	656389	1424439	76.12%	7.845%
26	9.318	1245	1252	1256	rVV4	22405	53626	2.87%	0.295%
27	9.365	1256	1260	1270	rVB3	19391	42500	2.27%	0.234%
28	9.547	1282	1291	1292	rBV2	36726	64985	3.47%	0.358%
29	9.576	1294	1296	1302	rVB2	36115	56771	3.03%	0.313%
30	9.753	1322	1326	1333	rVB6	12578	25394	1.36%	0.140%
31	9.923	1348	1355	1357	rBV6	9937	21393	1.14%	0.118%
32	9.988	1361	1366	1375	rVB2	53562	112392	6.01%	0.619%
33	10.082	1375	1382	1384	rBV3	27640	50159	2.68%	0.276%
34	10.123	1384	1389	1395	rVB2	73698	140793	7.52%	0.775%
35	10.306	1413	1420	1428	rBV7	15608	45474	2.43%	0.250%
36	10.429	1436	1441	1445	rBV4	20478	40772	2.18%	0.225%

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Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

37	10.471	1445	1448	1453	rVB3	12755	20892	1.12%	0.115%
38	10.547	1453	1461	1468	rBV	992884	1871425	100.00%	10.307%
39	10.606	1468	1471	1479	rVB2	33178	64221	3.43%	0.354%
40	10.718	1485	1490	1503	rVB2	17689	60076	3.21%	0.331%
41	10.888	1514	1519	1525	rBV6	11112	22546	1.20%	0.124%
42	10.959	1525	1531	1541	rVB5	35541	92870	4.96%	0.511%
43	11.229	1571	1577	1581	rBV7	10597	23376	1.25%	0.129%
44	11.841	1672	1681	1689	rBV	897980	1684924	90.03%	9.280%
45	11.941	1693	1698	1708	rVV	59657	115702	6.18%	0.637%
46	12.047	1708	1716	1730	rVV2	84678	198606	10.61%	1.094%
47	12.382	1763	1773	1778	rBV2	25787	58101	3.10%	0.320%
48	12.670	1815	1822	1829	rBV	149235	265803	14.20%	1.464%
49	12.829	1841	1849	1860	rBV	669070	1268205	67.77%	6.985%
50	13.012	1874	1880	1887	rBV	253527	448449	23.96%	2.470%
51	13.070	1887	1890	1894	rBV3	23113	37455	2.00%	0.206%
52	13.153	1900	1904	1912	rVB3	27558	54119	2.89%	0.298%
53	13.311	1926	1931	1938	rVB4	40590	79546	4.25%	0.438%
54	13.464	1951	1957	1964	rVB	57076	106105	5.67%	0.584%
55	13.588	1970	1978	1986	rBV4	59643	171157	9.15%	0.943%
56	13.647	1986	1988	1994	rVB6	13621	20783	1.11%	0.114%
57	13.770	2002	2009	2021	rBV	895037	1702041	90.95%	9.374%
58	13.859	2022	2024	2029	rVB4	15233	19333	1.03%	0.106%
59	13.929	2029	2036	2038	rBV2	84867	138373	7.39%	0.762%
60	13.970	2038	2043	2058	rVV	314374	706766	37.77%	3.893%
61	14.094	2058	2064	2070	rVB	57882	108732	5.81%	0.599%
62	14.164	2070	2076	2081	rVB	16672	29519	1.58%	0.163%
63	14.247	2081	2090	2095	rBV3	35775	69389	3.71%	0.382%
64	14.306	2095	2100	2106	rBV	130642	203108	10.85%	1.119%
65	14.370	2106	2111	2114	rBV3	20970	35499	1.90%	0.196%
66	14.423	2114	2120	2128	rVB	214793	376028	20.09%	2.071%
67	14.558	2138	2143	2147	rVB6	11350	19106	1.02%	0.105%
68	14.629	2147	2155	2165	rBV	172684	318159	17.00%	1.752%
69	14.853	2185	2193	2197	rBV5	20680	38819	2.07%	0.214%
70	14.906	2197	2202	2211	rVB2	82877	162111	8.66%	0.893%
71	15.023	2214	2222	2229	rBV3	90718	220383	11.78%	1.214%
72	15.094	2229	2234	2244	rVB8	16288	32485	1.74%	0.179%
73	15.182	2244	2249	2257	rBV8	11387	21864	1.17%	0.120%
74	15.294	2261	2268	2273	rBV4	44371	82256	4.40%	0.453%
75	15.405	2279	2287	2294	rVB4	25366	71186	3.80%	0.392%
76	15.617	2317	2323	2330	rVB	40749	84831	4.53%	0.467%

LSC Area Percent Report

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ALS Vial : 13 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
MW2

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
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Title : SW846 8260

77	15.923	2368	2375	2379	rBV6	11126	22494	1.20%	0.124%
78	16.229	2421	2427	2432	rBV6	12306	28359	1.52%	0.156%
79	16.747	2509	2515	2522	rBV6	22612	52285	2.79%	0.288%

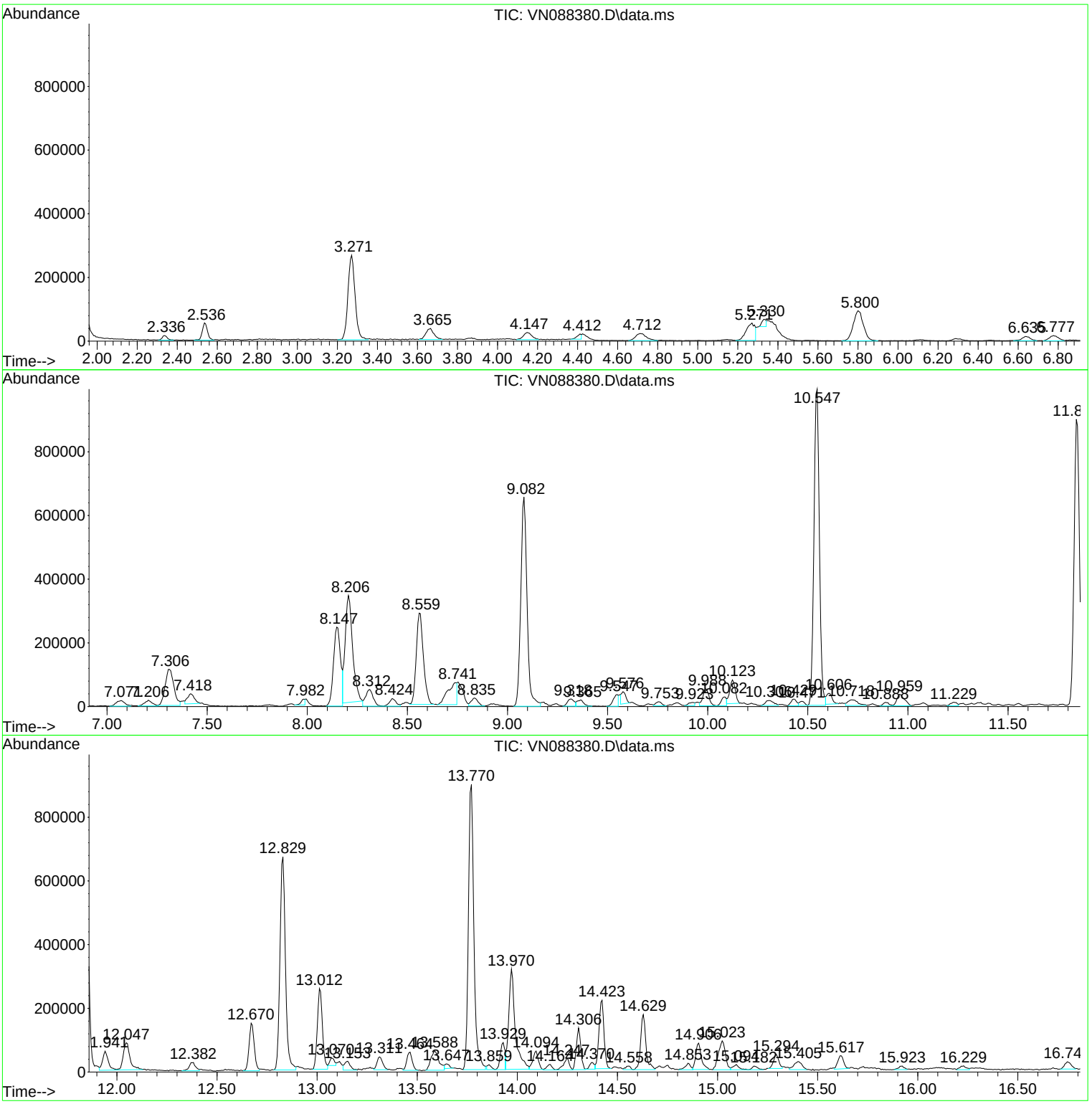
Sum of corrected areas: 18156836

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

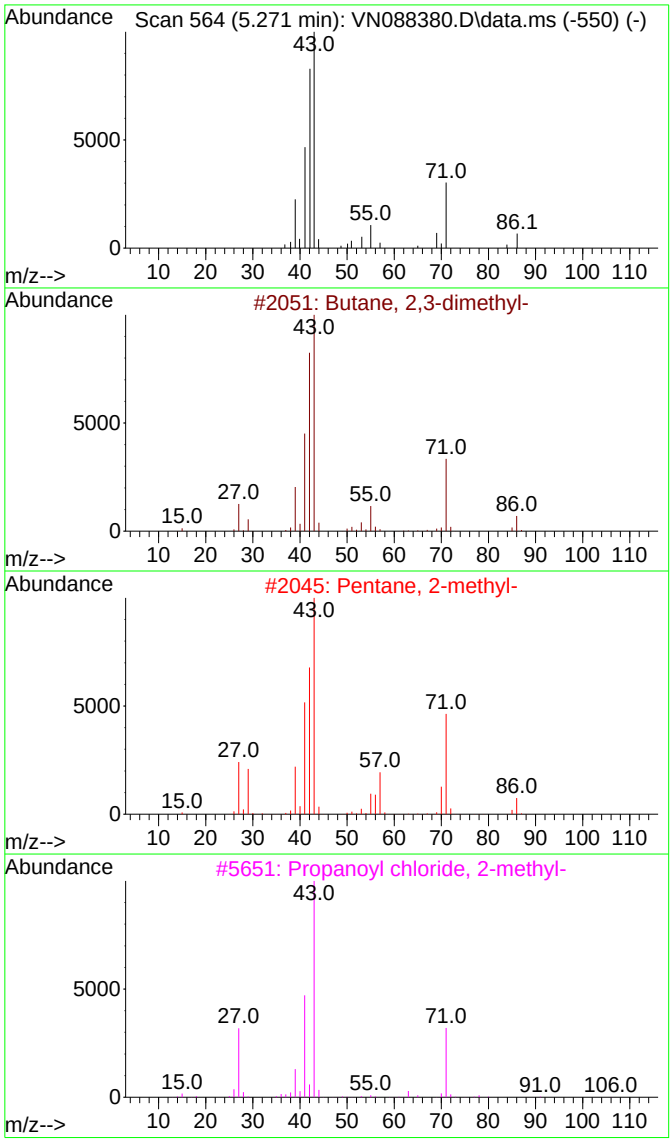
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

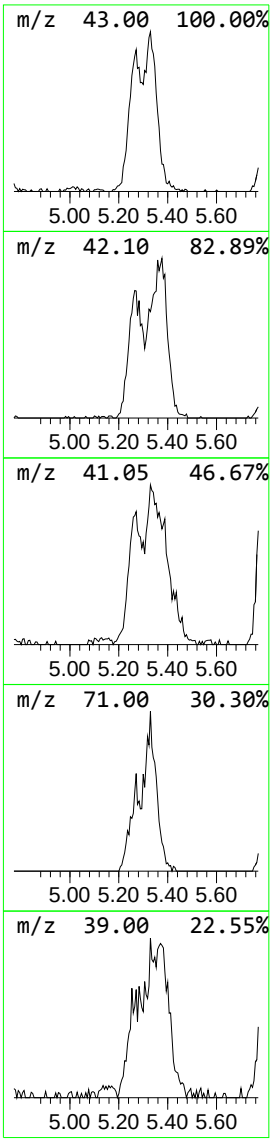
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.271	9.75 ug/l	166531	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	12
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
5	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

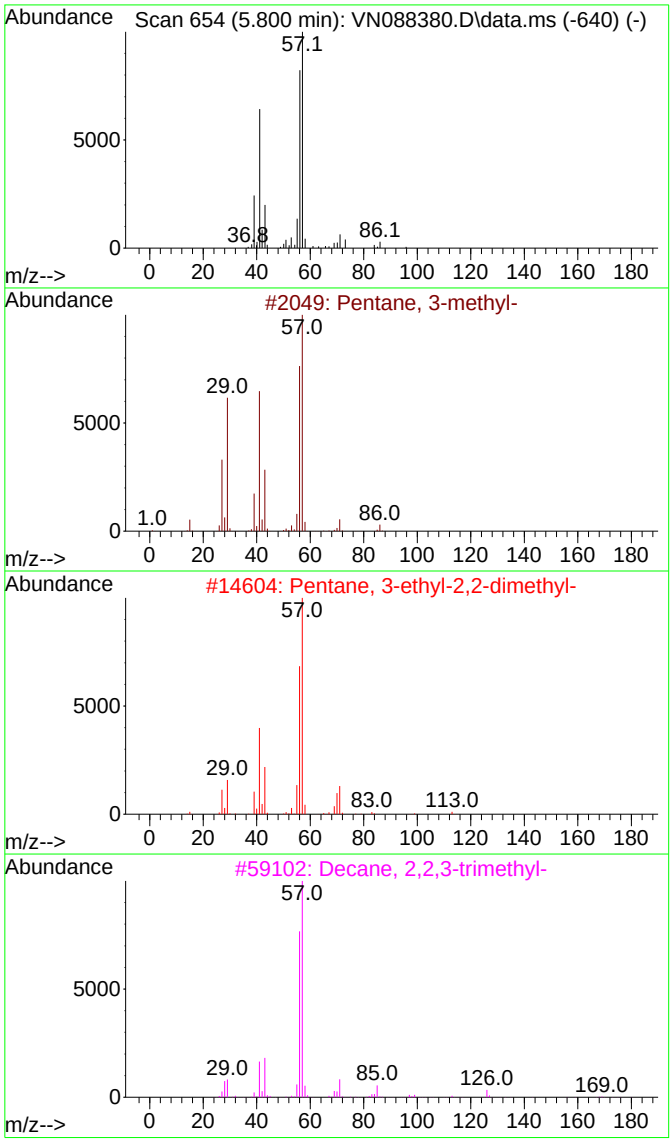
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

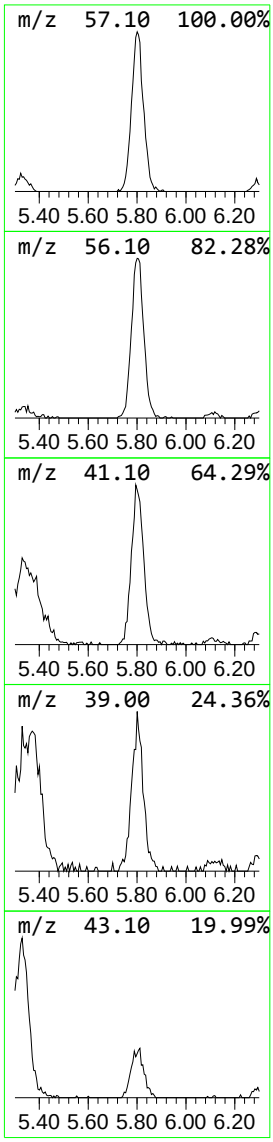
****

Peak Number 5 Pentane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	19.35 ug/l	330518	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	56
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

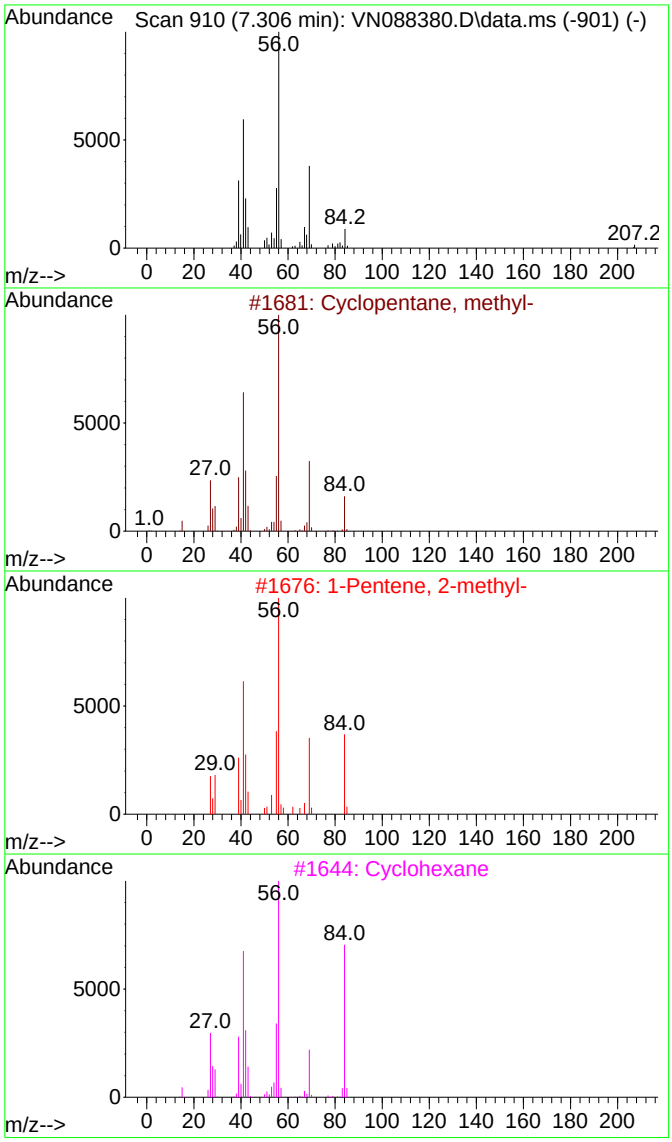
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

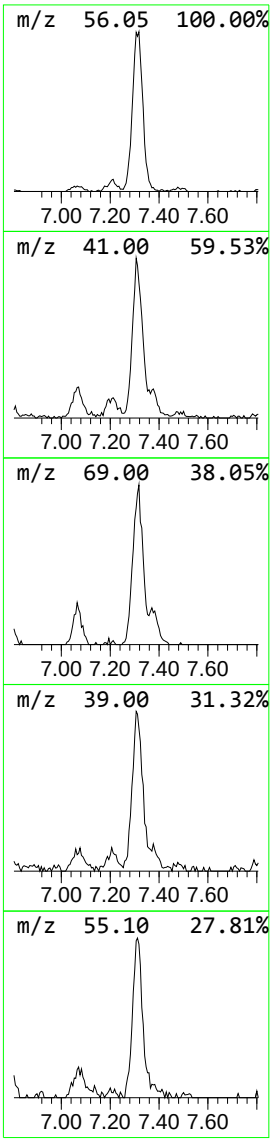
****

Peak Number 6 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.306	19.89 ug/l	339846	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59





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Instrument :
MSVOA_N
ClientSampleId :
MW2

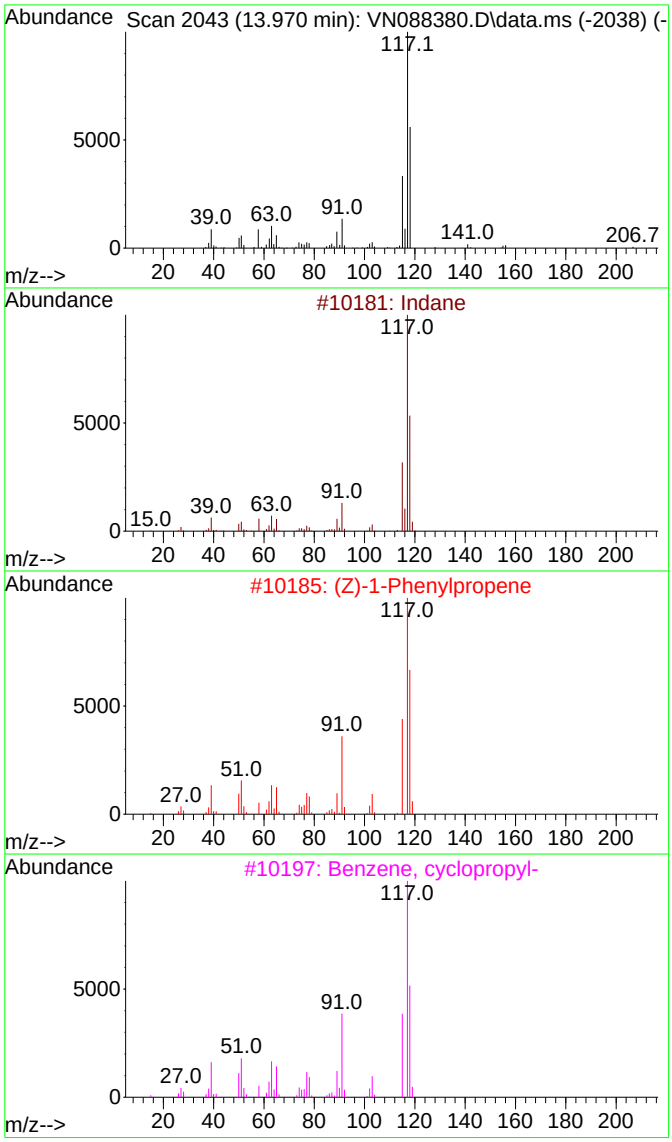
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

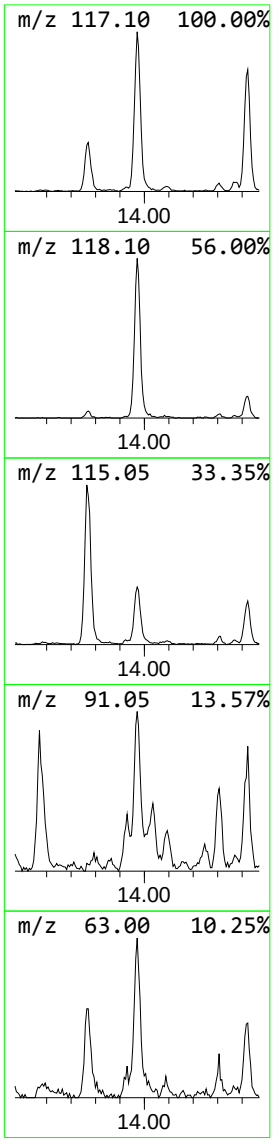
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	20.76 ug/l	706766	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

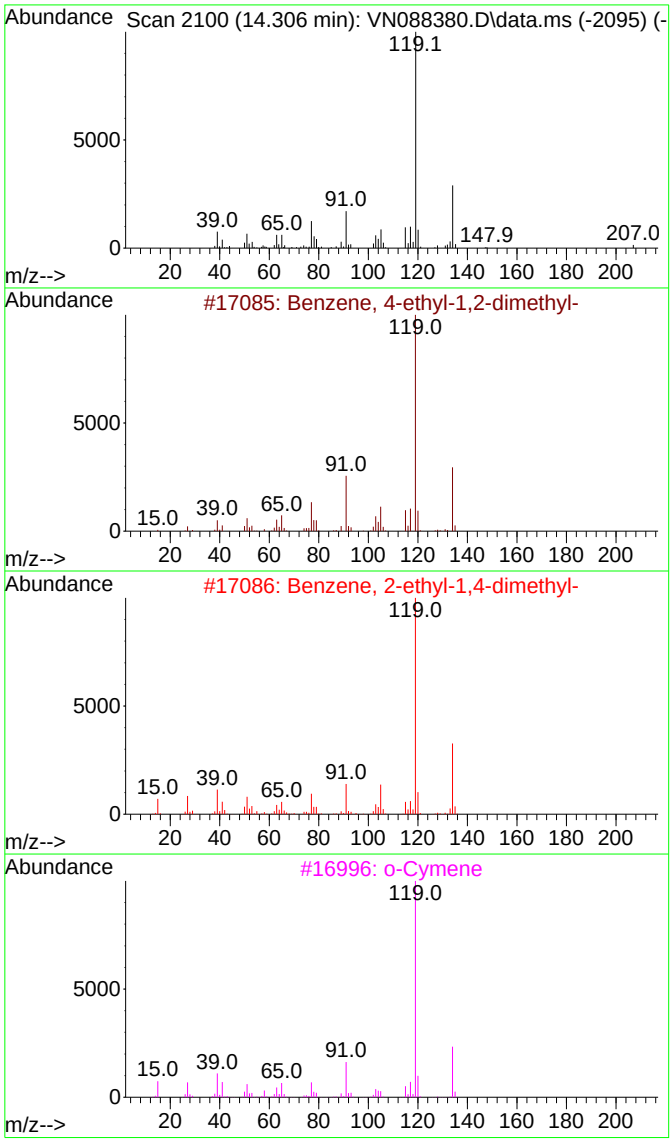
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

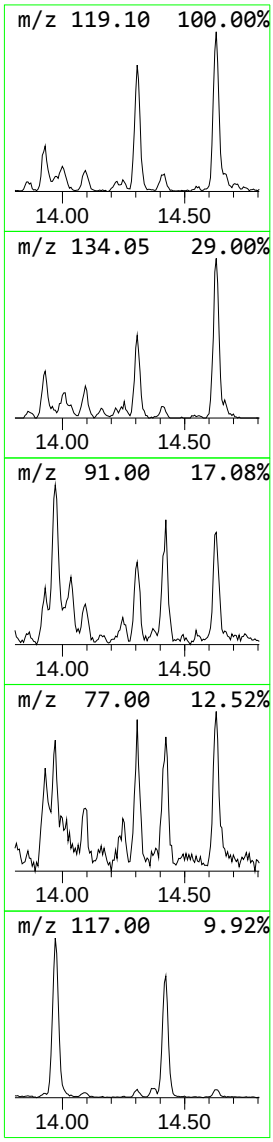
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	5.97 ug/l	203108	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	91
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

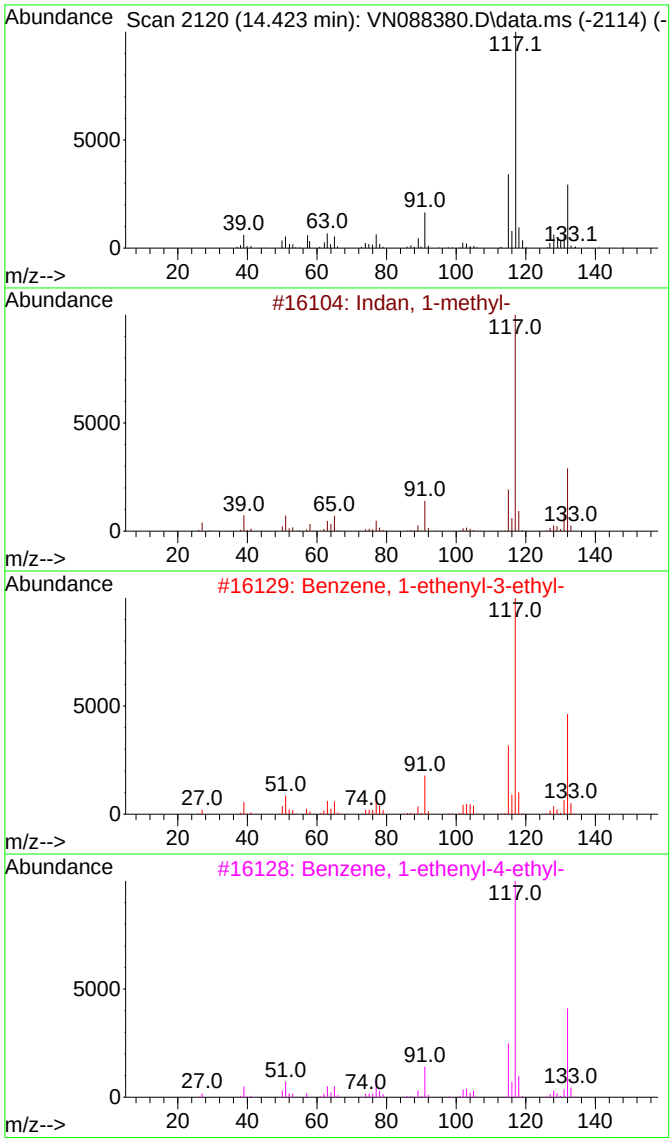
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

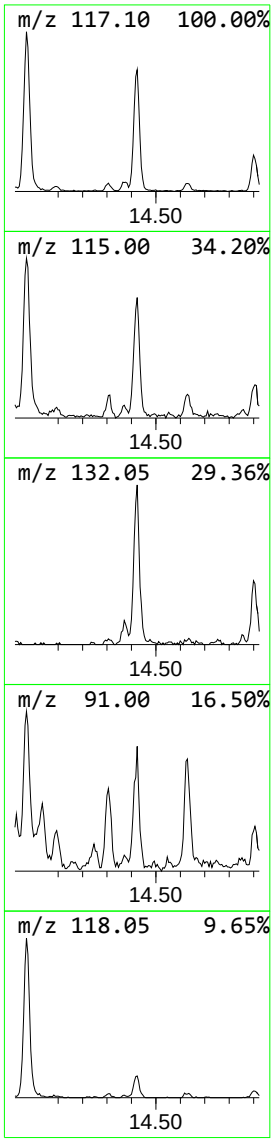
****

Peak Number 11 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.423	11.05 ug/l	376028	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80





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Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

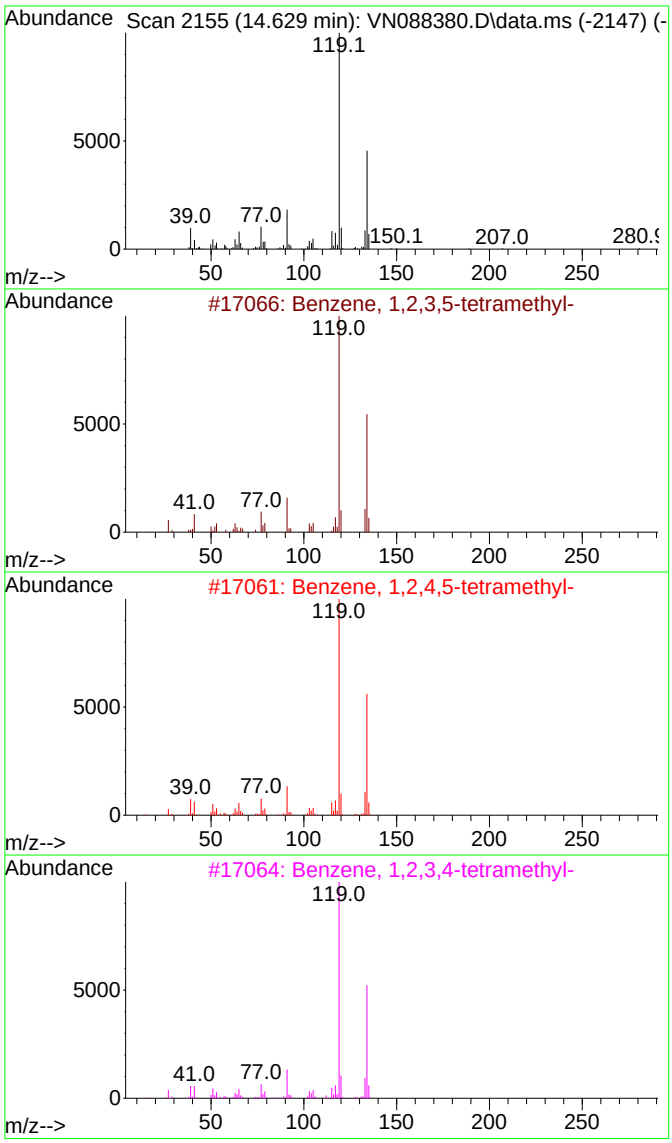
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

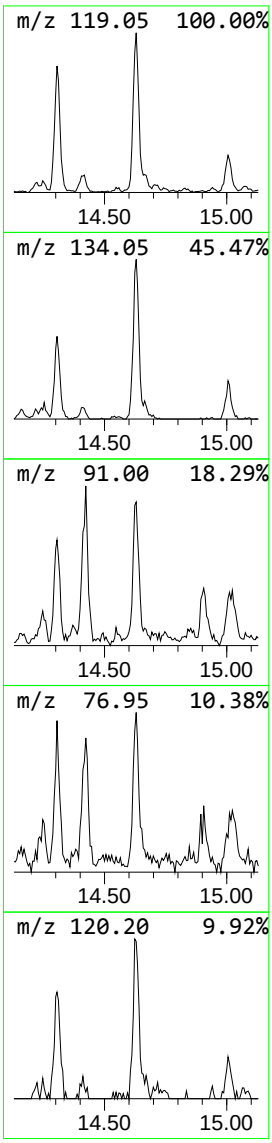
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	9.35 ug/l	318159	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

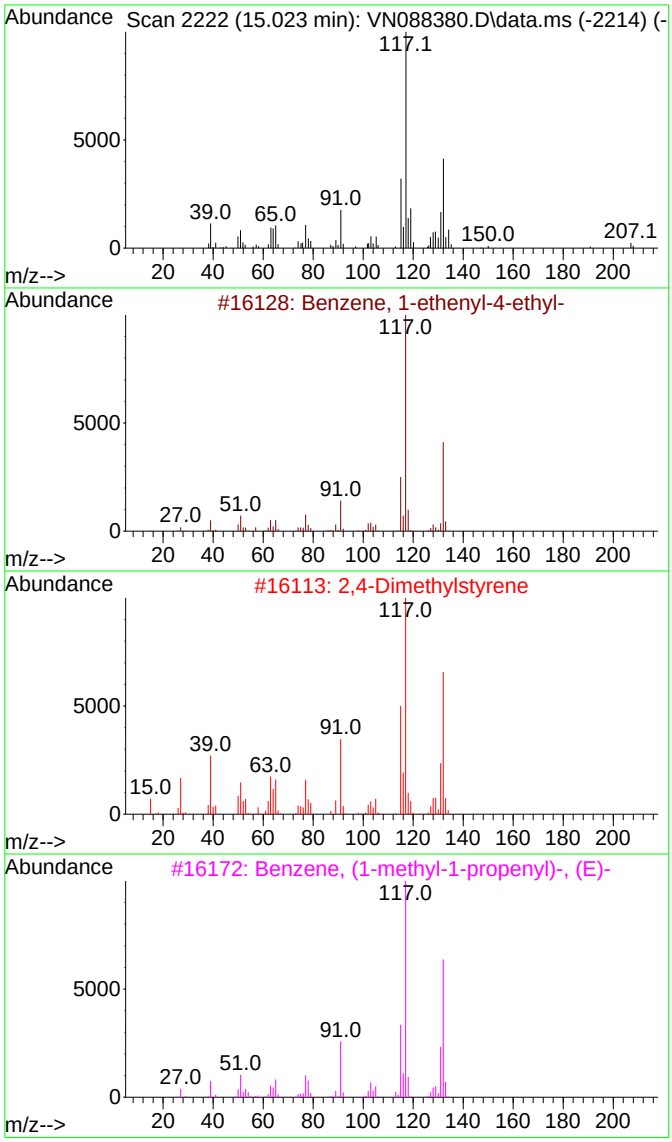
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

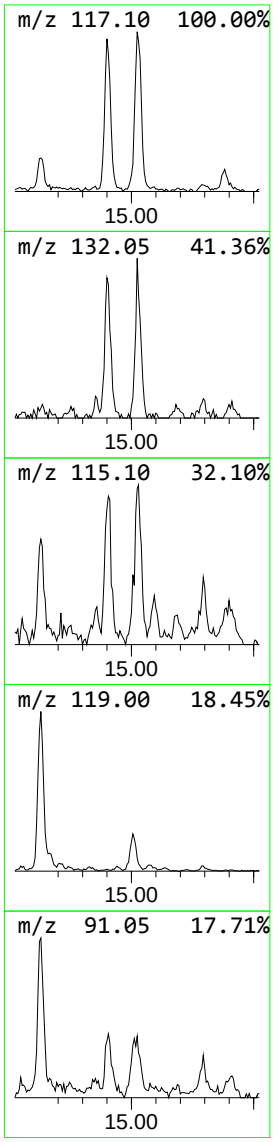
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	6.47 ug/l	220383	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088380.D
Acq On : 01 Dec 2025 14:13
Operator : JC\MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,3-dim...	5.271	9.8	ug/l	166531	1	8.206	854137	50.0
Pentane, 3-methyl-	5.800	19.4	ug/l	330518	1	8.206	854137	50.0
Cyclopentane, m...	7.306	19.9	ug/l	339846	1	8.206	854137	50.0
Indane	13.970	20.8	ug/l	706766	4	13.770	1702040	50.0
Benzene, 4-ethy...	14.306	6.0	ug/l	203108	4	13.770	1702040	50.0
Indan, 1-methyl-	14.423	11.1	ug/l	376028	4	13.770	1702040	50.0
Benzene, 1,2,3,...	14.629	9.3	ug/l	318159	4	13.770	1702040	50.0
Benzene, 1-ethe...	15.023	6.5	ug/l	220383	4	13.770	1702040	50.0