LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
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_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.276	27	31	39	rVB	11743	14729	1.23%	0.126%
2	1.380	43	48	60	rBV	38379	47158	3.94%	0.405%
3	1.758	102	110	125	rBV	219269	349046	29.15%	2.997%
4	1.965	139	144	158	rBV2	29561	54586	4.56%	0.469%
5	2.221	181	186	193	rBV	20001	34987	2.92%	0.300%
6	2.349	200	207	217	rBV2	13594	33788	2.82%	0.290%
7	2.782	270	278	282	rBV	45868	107458	8.97%	0.923%
8	2.831	282	286	289	rVV	59187	122187	10.20%	1.049%
9	2.867	289	292	311	rVB2	52030	127738	10.67%	1.097%
10	3.105	321	331	348	rBV	80750	205427	17.15%	1.764%
11	3.447	379	387	393	rBV4	5586	13575	1.13%	0.117%
12	3.727	425	433	443	rBV3	12049	31672	2.64%	0.272%
13	3.837	443	451	461	rBV3	12796	35268	2.95%	0.303%
14	4.099	486	494	501	rBV4	10154	24644	2.06%	0.212%
15	4.203	505	511	518	rVV3	7097	19285	1.61%	0.166%
16	4.300	518	527	539	rVV2	69579	209621	17.50%	1.800%
17	4.416	540	546	555	rVB5	7218	21952	1.83%	0.189%
18	5.184	650	672	686	rBV6	14548	69718	5.82%	0.599%
19	5.373	693	703	712	rBV	113391	364981	30.48%	3.134%
20	5.452	712	716	722	rVV4	30645	93577	7.81%	0.804%
21	5.538	722	730	764	rVB	162436	627501	52.40%	5.389%
22	5.818	764	776	787	rBV6	14078	48252	4.03%	0.414%
23	5.940	787	796	806	rBV	116780	332504	27.77%	2.855%
24	6.153	822	831	837	rBV5	14673	54321	4.54%	0.466%
25	6.239	838	845	855	rVV3	38499	120658	10.08%	1.036%
26	6.342	856	862	874	rVB4	16644	51198	4.28%	0.440%
27	6.745	919	928	939	rBV	289871	772544	64.51%	6.634%
28	6.964	956	964	972	rVB3	7287	17511	1.46%	0.150%
29	7.159	986	996	1006	rVB2	29321	72845	6.08%	0.626%
30	7.361	1017	1029	1041	rBV5	31147	94960	7.93%	0.815%
31	7.549	1054	1060	1070	rBV5	6029	16322	1.36%	0.140%
32	7.641	1070	1075	1087	rVB3	7997	19238	1.61%	0.165%
33	7.757	1087	1094	1100	rBV3	6531	13628	1.14%	0.117%
34	7.867	1100	1112	1119	rBV9	8916	30785	2.57%	0.264%
35	7.970	1119	1129	1142	rVB3	26288	69434	5.80%	0.596%
36	8.092	1142	1149	1153	rBV	42903	91585	7.65%	0.786%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
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_X\Method\82X110725W.M
Title : SW846 8260

37	8.177	1160	1163	1171	rVB6	7282	15241	1.27%	0.131%
38	8.293	1176	1182	1190	rBV5	9594	20066	1.68%	0.172%
39	8.488	1208	1214	1224	rVB3	22875	44688	3.73%	0.384%
40	8.635	1224	1238	1247	rBV	615207	1080193	90.20%	9.276%
41	8.958	1287	1291	1296	rVB3	7367	12024	1.00%	0.103%
42	9.086	1305	1312	1317	rBV4	9595	18166	1.52%	0.156%
43	9.147	1317	1322	1332	rVB	26870	49802	4.16%	0.428%
44	9.415	1361	1366	1369	rBV	6938	12201	1.02%	0.105%
45	9.482	1374	1377	1384	rVB6	7726	16104	1.34%	0.138%
46	9.744	1413	1420	1426	rBV4	7572	13033	1.09%	0.112%
47	10.037	1462	1468	1483	rBV	778036	1126097	94.04%	9.670%
48	10.177	1487	1491	1499	rVV	30557	48470	4.05%	0.416%
49	10.287	1500	1509	1515	rVB	19919	38725	3.23%	0.333%
50	10.945	1611	1617	1625	rBV	144892	193164	16.13%	1.659%
51	11.061	1631	1636	1649	rBV	608617	857679	71.62%	7.365%
52	11.287	1668	1673	1683	rVB	304597	382509	31.94%	3.285%
53	11.384	1683	1689	1694	rVV	10772	17291	1.44%	0.148%
54	11.598	1719	1724	1731	rVB	28969	40828	3.41%	0.351%
55	11.848	1758	1765	1767	rBV	30396	42114	3.52%	0.362%
56	11.872	1767	1769	1773	rVB	38855	41907	3.50%	0.360%
57	12.000	1785	1790	1799	rBV	862830	1197513	100.00%	10.284%
58	12.158	1813	1816	1821	rVB	10234	13168	1.10%	0.113%
59	12.225	1821	1827	1834	rBV2	402032	524551	43.80%	4.505%
60	12.293	1834	1838	1849	rVV2	35679	73453	6.13%	0.631%
61	12.384	1849	1853	1859	rVV	44705	56505	4.72%	0.485%
62	12.451	1859	1864	1870	rVB2	32016	46899	3.92%	0.403%
63	12.591	1880	1887	1891	rBV	140820	182488	15.24%	1.567%
64	12.628	1891	1893	1897	rVV2	25546	27236	2.27%	0.234%
65	12.677	1897	1901	1909	rVV	190046	265851	22.20%	2.283%
66	12.823	1920	1925	1931	rVB2	9321	14021	1.17%	0.120%
67	12.902	1931	1938	1944	rBV	181907	226796	18.94%	1.948%
68	13.012	1951	1956	1964	rVB3	12593	22704	1.90%	0.195%
69	13.116	1964	1973	1975	rBV3	17768	27626	2.31%	0.237%
70	13.152	1975	1979	1987	rVB	76164	106767	8.92%	0.917%
71	13.268	1987	1998	2004	rBV2	106072	156639	13.08%	1.345%
72	13.408	2016	2021	2025	rVB2	14920	21259	1.78%	0.183%
73	13.524	2036	2040	2043	rBV	23643	31446	2.63%	0.270%
74	13.561	2043	2046	2050	rVB3	21677	27126	2.27%	0.233%
75	13.622	2050	2056	2058	rBV2	12940	21147	1.77%	0.182%
76	13.756	2072	2078	2087	rVB	46305	62799	5.24%	0.539%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
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_X\Method\82X110725W.M
Title : SW846 8260

77	13.902	2094	2102	2106	rBV4	7624	12158	1.02%	0.104%
78	14.298	2162	2167	2173	rBV3	10027	16215	1.35%	0.139%
79	14.762	2238	2243	2251	rBV	17531	25639	2.14%	0.220%

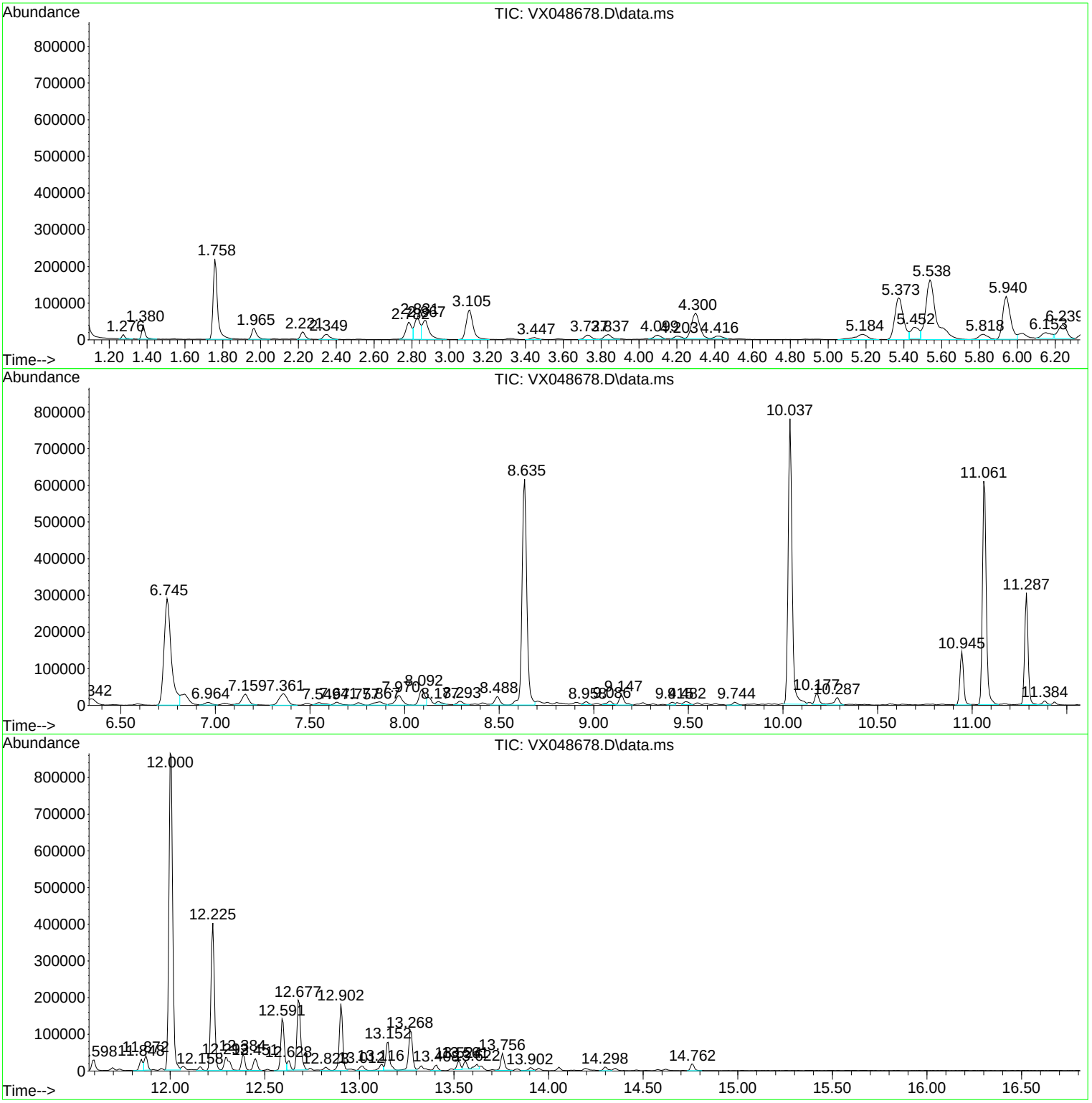
Sum of corrected areas: 11644991

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

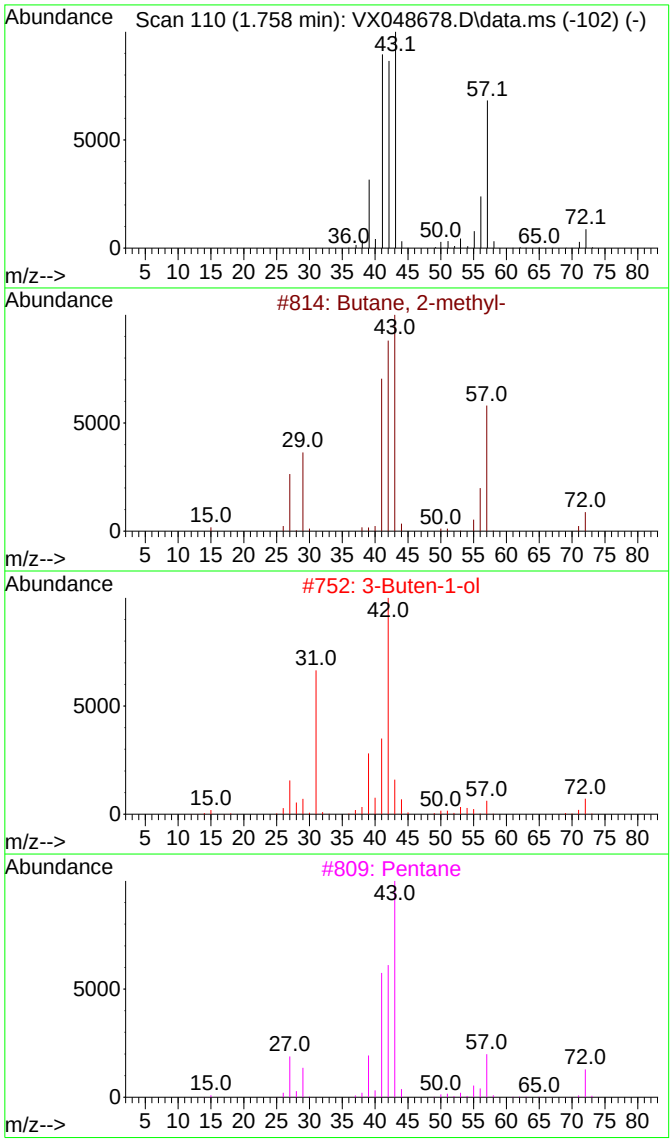
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

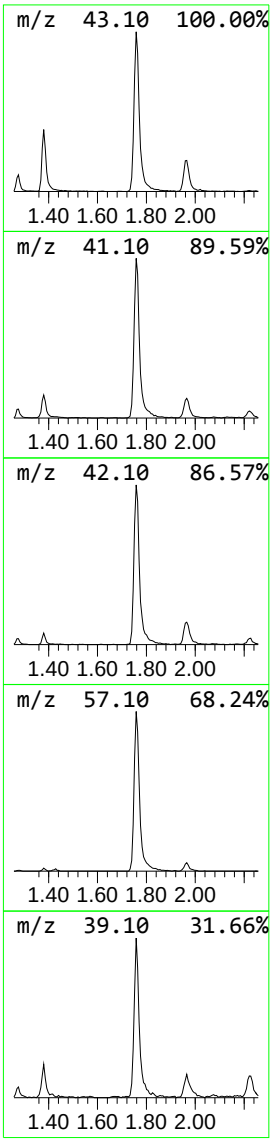
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.758	27.81 ug/l	349046	Pentafluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	3-Buten-1-ol	72	C4H8O	000627-27-0	38
3	Pentane	72	C5H12	000109-66-0	36
4	1-Butene	56	C4H8	000106-98-9	14
5	3-Buten-2-ol	72	C4H8O	000598-32-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

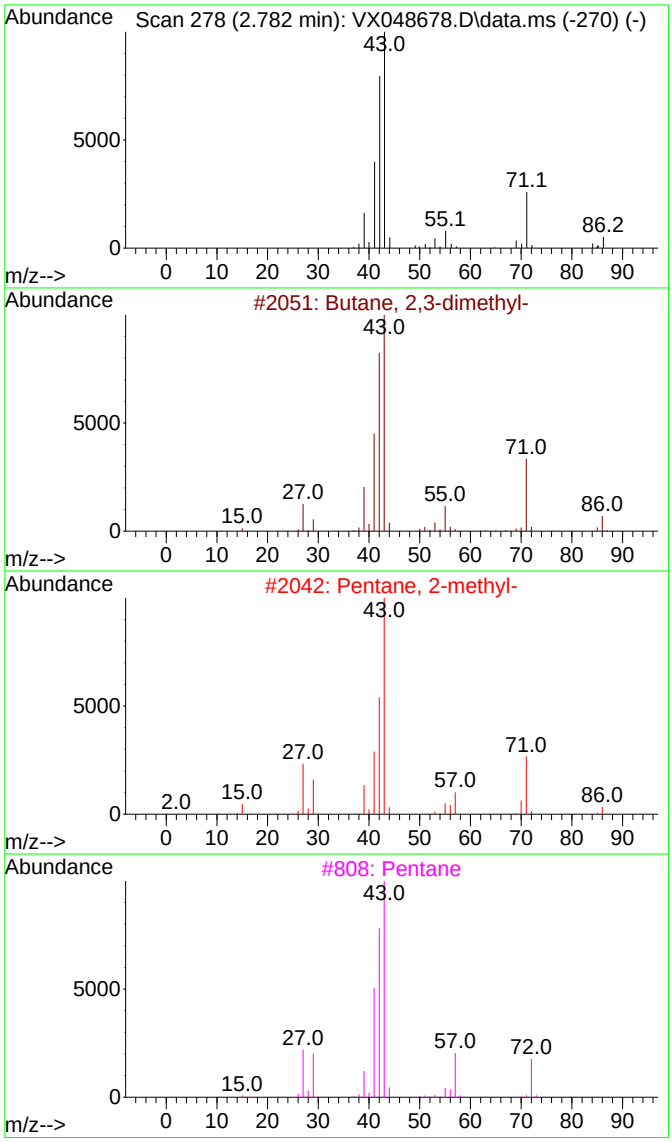
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

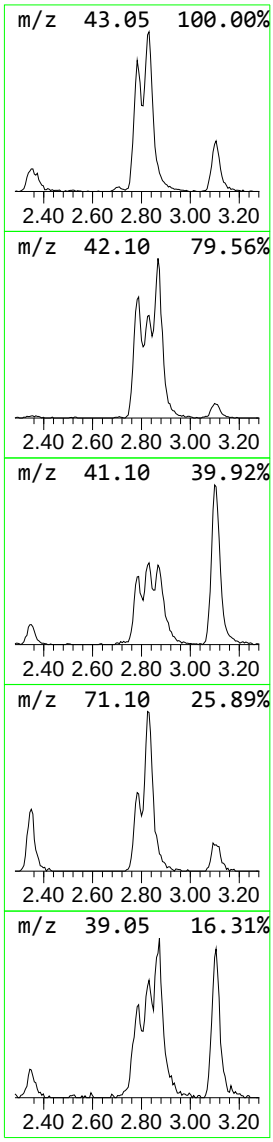
****

Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.782	8.56 ug/l	107458	Pentafluorobenzene	5.538

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	47
3	Pentane	72	C5H12	000109-66-0	36
4	Tetrahydrofuran	72	C4H8O	000109-99-9	36
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

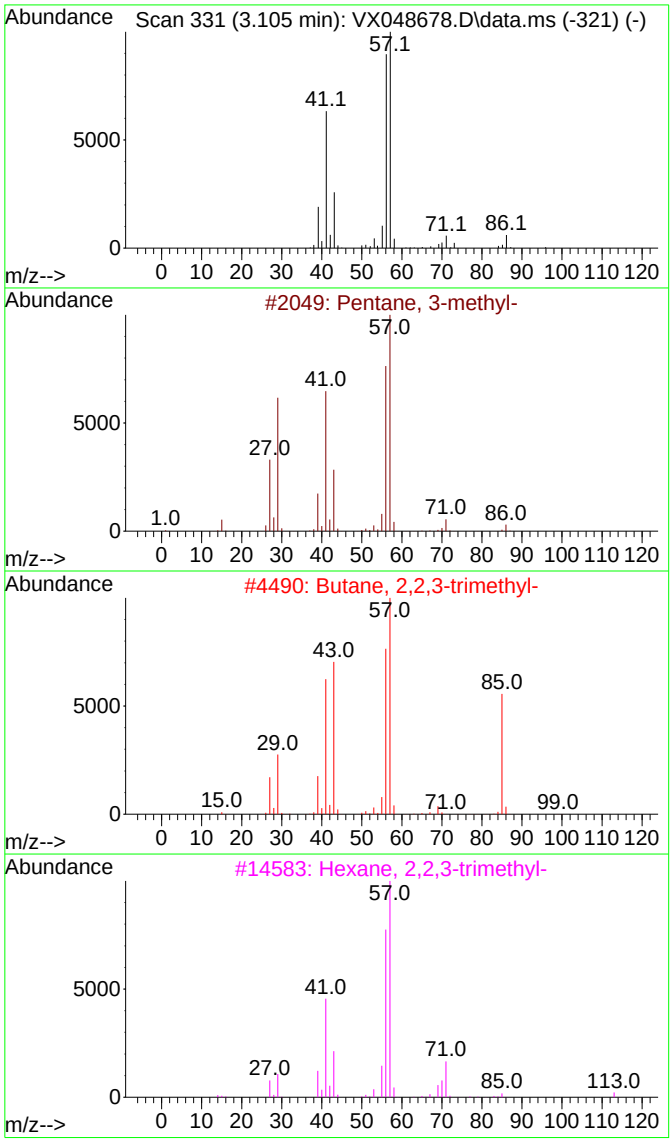
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

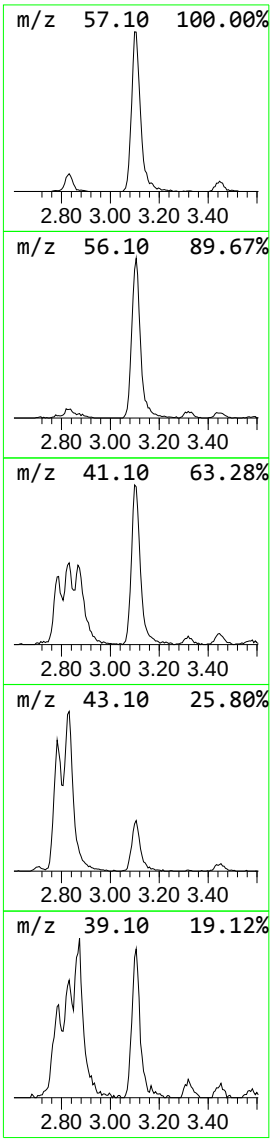
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.105	16.37 ug/l	205427	Pentafluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

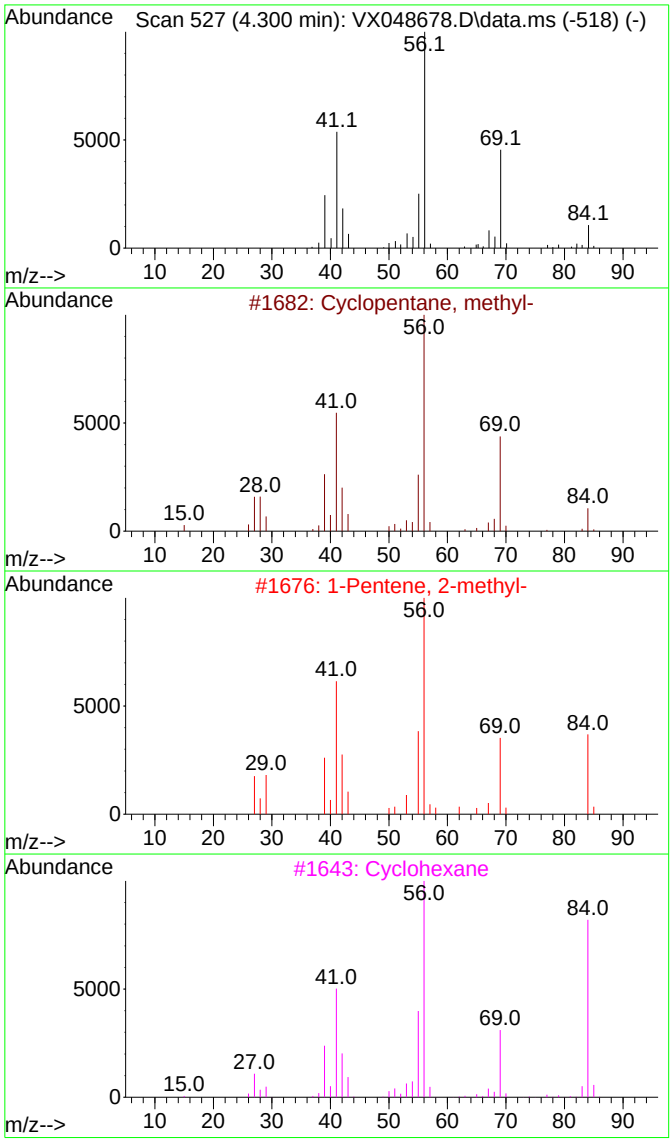
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

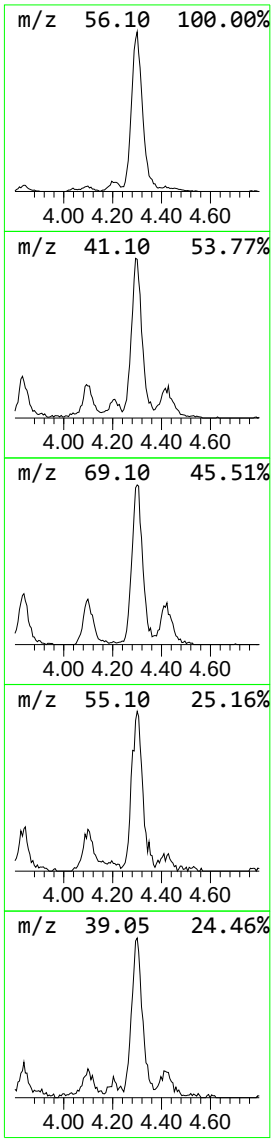
****

Peak Number 6 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.300	16.70 ug/l	209621	Pentafluorobenzene	5.538

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

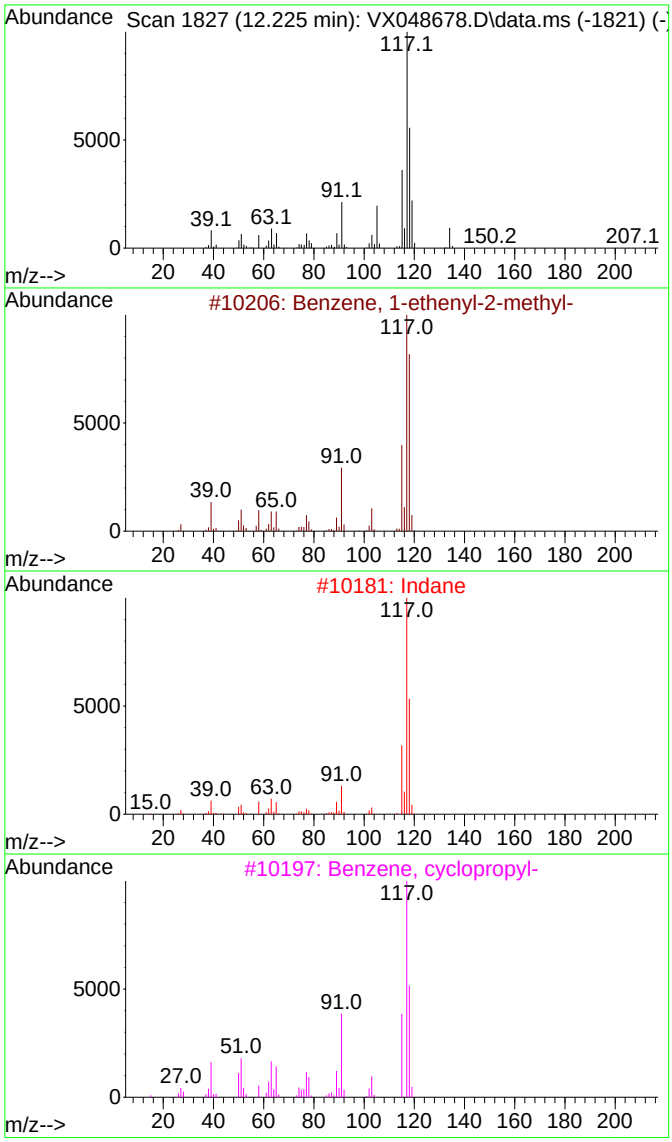
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

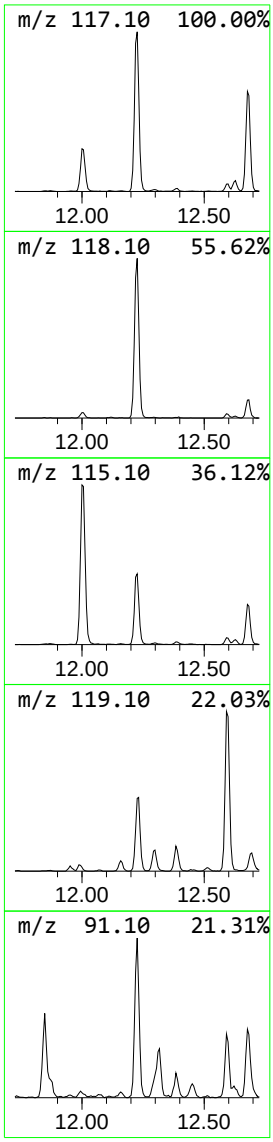
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.226	21.90 ug/l	524551	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

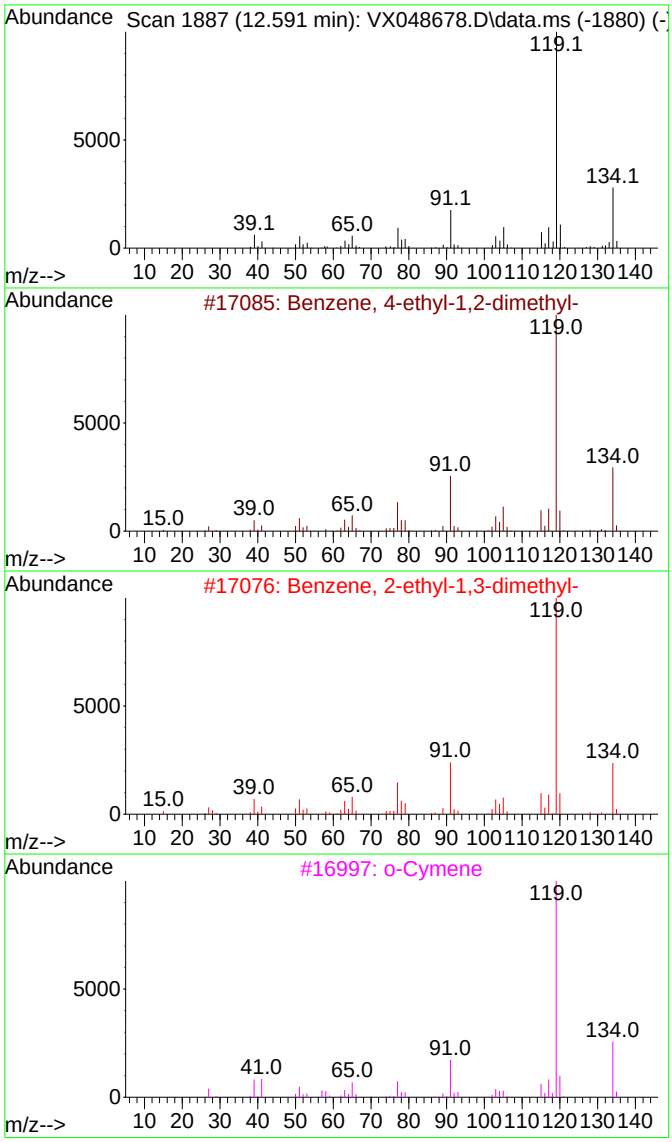
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

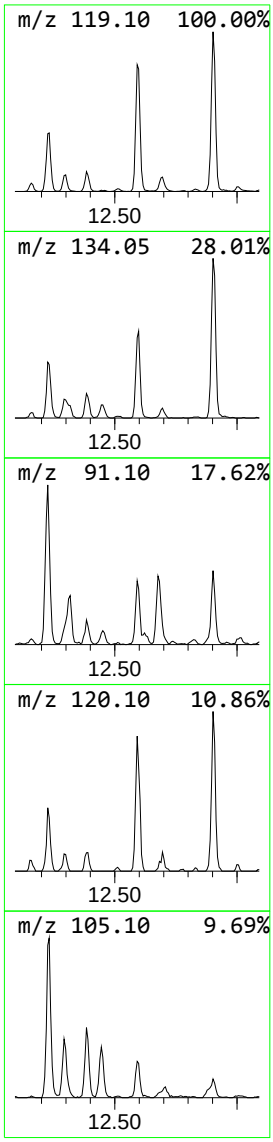
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	7.62 ug/l	182488	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

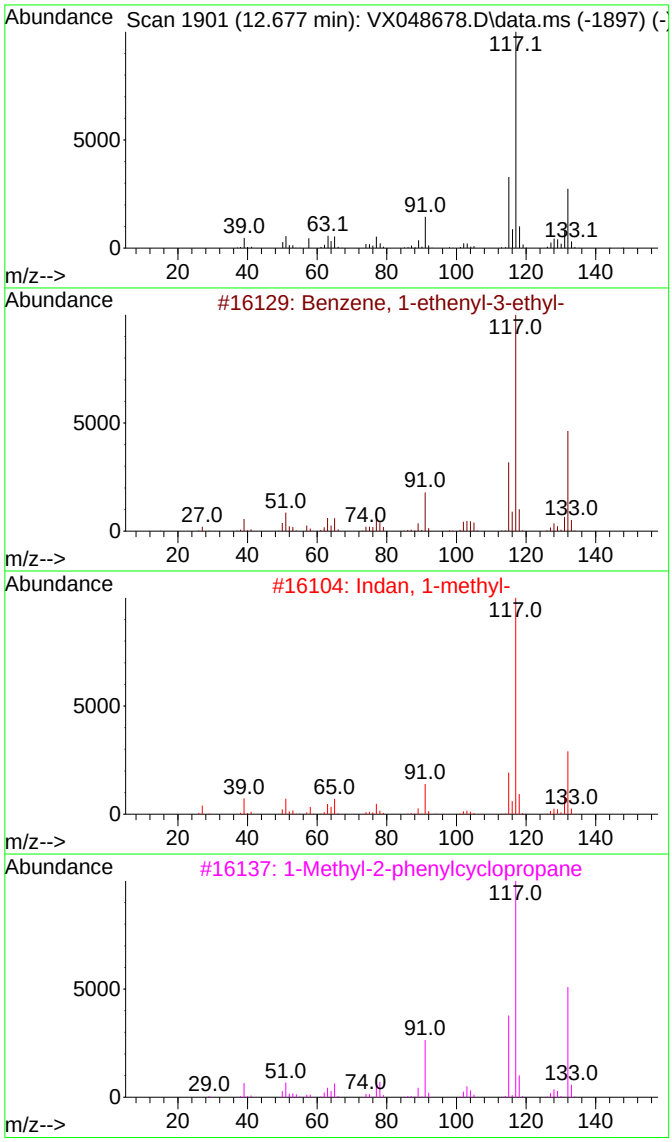
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

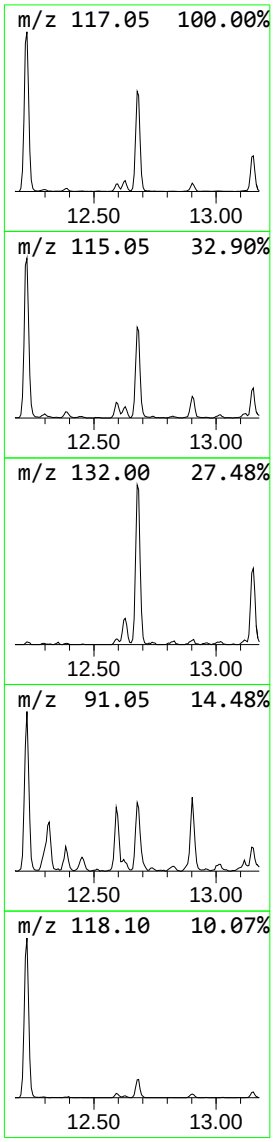
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	11.10 ug/l	265851	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

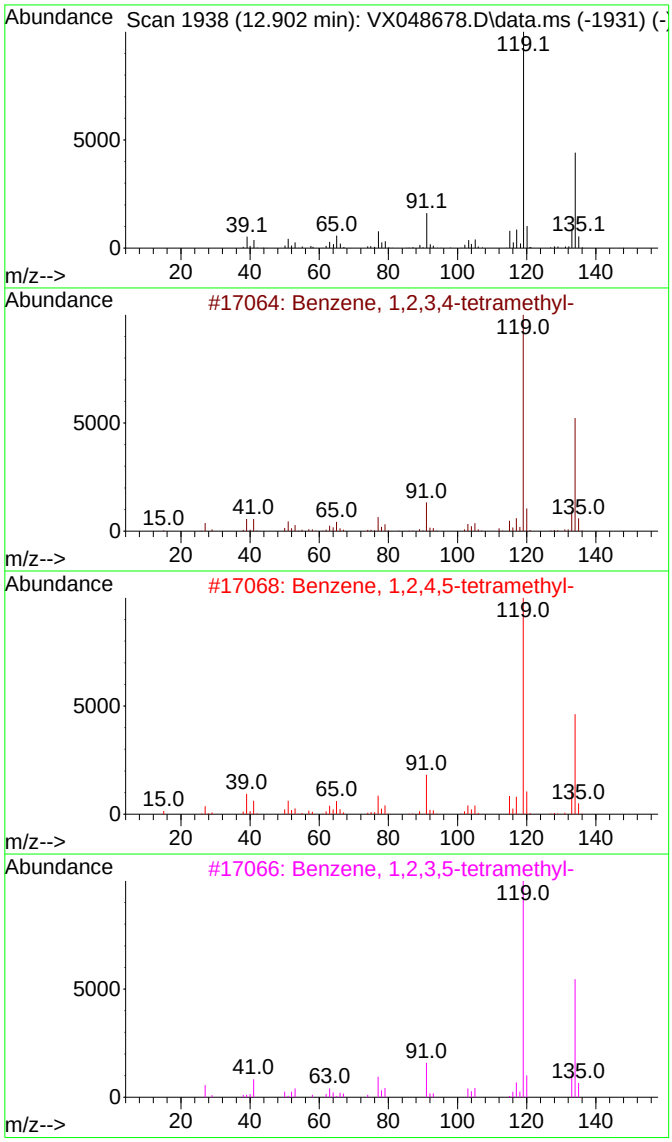
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

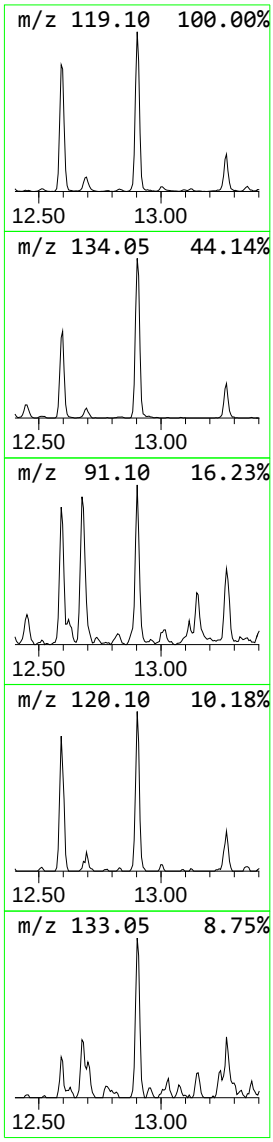
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	9.47 ug/l	226796	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

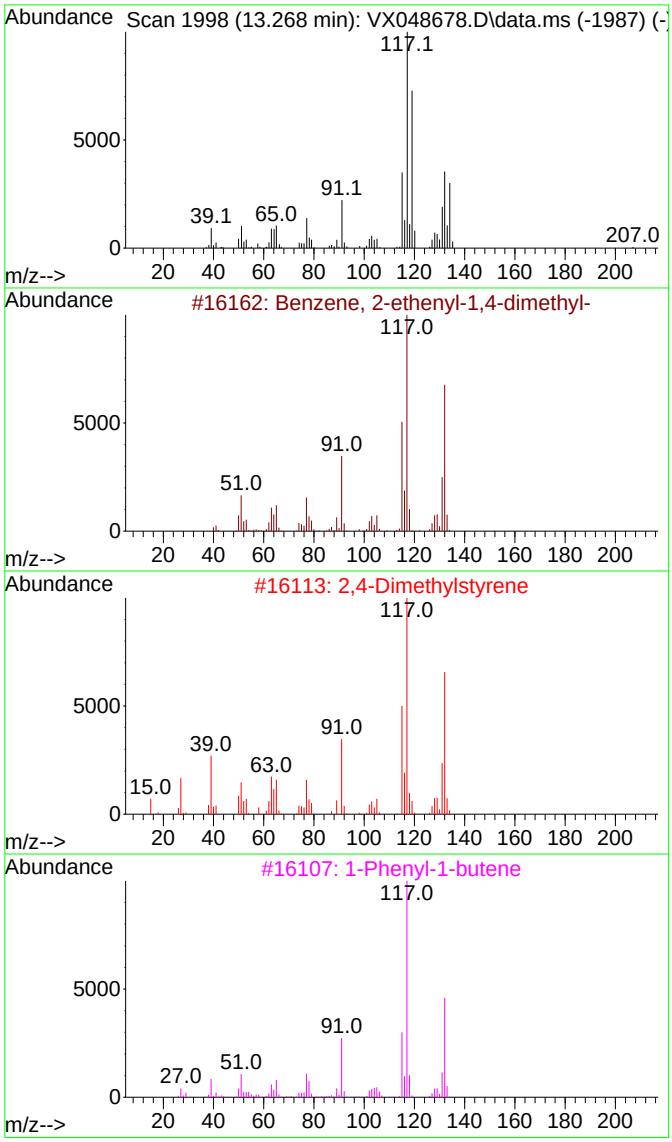
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

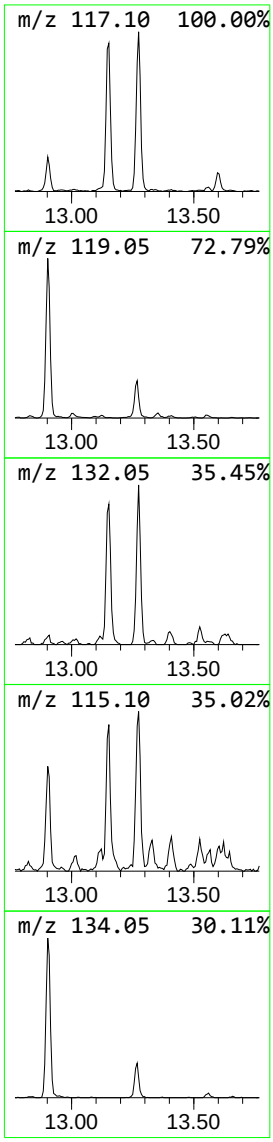
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	6.54 ug/l	156639	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
Data File : VX048678.D
Acq On : 25 Nov 2025 12:39
Operator : JC/MD
Sample : Q3715-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.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-methyl-	1.758	27.8	ug/l	349046	1	5.538	627501	50.0
Butane, 2,3-dim...	2.782	8.6	ug/l	107458	1	5.538	627501	50.0
Pentane, 3-methyl-	3.105	16.4	ug/l	205427	1	5.538	627501	50.0
Cyclopentane, m...	4.300	16.7	ug/l	209621	1	5.538	627501	50.0
Benzene, 1-ethe...	12.226	21.9	ug/l	524551	4	12.006	1197510	50.0
Benzene, 4-ethy...	12.591	7.6	ug/l	182488	4	12.006	1197510	50.0
Benzene, 1-ethe...	12.677	11.1	ug/l	265851	4	12.006	1197510	50.0
Benzene, 1,2,3,...	12.902	9.5	ug/l	226796	4	12.006	1197510	50.0
Benzene, 2-ethe...	13.268	6.5	ug/l	156639	4	12.006	1197510	50.0