LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

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_V\Method\82V092225W.M
Title : SW846 8260

Signal : TIC: VV039152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.208	44	52	70	rBV	176531	444117	12.88%	1.039%
2	1.294	73	79	90	rVV	241437	321164	9.31%	0.751%
3	1.610	167	177	212	rVB	2091594	3449344	100.00%	8.068%
4	1.783	222	231	249	rVB4	140315	264370	7.66%	0.618%
5	1.992	287	296	315	rVV	157300	275217	7.98%	0.644%
6	2.095	319	328	358	rVB2	131455	294223	8.53%	0.688%
7	2.452	423	439	455	rBV2	545138	1712872	49.66%	4.006%
8	2.526	456	462	495	rVB2	405280	897917	26.03%	2.100%
9	2.706	504	518	559	rVB2	842933	1988701	57.65%	4.651%
10	2.976	595	602	617	rVB3	20482	44611	1.29%	0.104%
11	3.208	664	674	690	rBV8	41499	115481	3.35%	0.270%
12	3.294	690	701	713	rVB4	37285	86522	2.51%	0.202%
13	3.458	735	752	758	rBV5	29101	73894	2.14%	0.173%
14	3.584	778	791	805	rBV2	125270	321974	9.33%	0.753%
15	3.677	807	820	836	rVV2	233213	592331	17.17%	1.385%
16	4.310	999	1017	1026	rBV7	41495	126947	3.68%	0.297%
17	4.368	1028	1035	1053	rVB3	47264	123312	3.57%	0.288%
18	4.503	1063	1077	1092	rBV2	415060	1086035	31.49%	2.540%
19	4.600	1093	1107	1120	rVV	650557	1817766	52.70%	4.252%
20	4.670	1122	1129	1160	rVB2	316359	919586	26.66%	2.151%
21	4.944	1203	1214	1224	rBV	424214	956393	27.73%	2.237%
22	5.008	1224	1234	1251	rVB	1140840	2575010	74.65%	6.023%
23	5.146	1267	1277	1294	rVB2	432266	1156649	33.53%	2.705%
24	5.535	1384	1398	1439	rBV	914849	2392776	69.37%	5.596%
25	5.860	1486	1499	1521	rBV5	63469	162511	4.71%	0.380%
26	6.027	1534	1551	1571	rBV8	157023	491935	14.26%	1.151%
27	6.121	1571	1580	1589	rBV4	32477	63750	1.85%	0.149%
28	6.178	1589	1598	1606	rBV3	45376	80752	2.34%	0.189%
29	6.285	1623	1631	1645	rVB6	20053	41985	1.22%	0.098%
30	6.384	1646	1662	1677	rVB4	81193	183927	5.33%	0.430%
31	6.574	1706	1721	1743	rVB2	283819	676739	19.62%	1.583%
32	6.696	1744	1759	1780	rBV3	359325	932499	27.03%	2.181%
33	6.902	1806	1823	1834	rBV8	50784	152717	4.43%	0.357%
34	7.092	1873	1882	1897	rVB6	79318	169414	4.91%	0.396%
35	7.185	1897	1911	1918	rBV5	121974	283088	8.21%	0.662%
36	7.236	1918	1927	1946	rVV	1408927	2656701	77.02%	6.214%

LSC Area Percent Report

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Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

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_V\Method\82V092225W.M
Title : SW846 8260

37	7.317	1949	1952	1960	rVV	65681	111046	3.22%	0.260%
38	7.362	1962	1966	1971	rVV4	66605	101048	2.93%	0.236%
39	7.400	1972	1978	2005	rVV2	113781	307817	8.92%	0.720%
40	7.510	2007	2012	2023	rVV6	23233	48760	1.41%	0.114%
41	7.577	2023	2033	2045	rVB2	132843	241548	7.00%	0.565%
42	7.709	2059	2074	2083	rBV4	95590	191403	5.55%	0.448%
43	7.767	2083	2092	2115	rVB2	120438	258225	7.49%	0.604%
44	7.873	2115	2125	2141	rVB5	37584	85623	2.48%	0.200%
45	8.066	2176	2185	2189	rBV2	42135	65122	1.89%	0.152%
46	8.153	2205	2212	2225	rVB7	64464	125684	3.64%	0.294%
47	8.439	2289	2301	2314	rBV6	38258	77929	2.26%	0.182%
48	8.516	2316	2325	2348	rBV7	29216	78334	2.27%	0.183%
49	8.776	2396	2406	2424	rBV	1508438	2571407	74.55%	6.014%
50	9.030	2477	2485	2488	rBV7	34627	49494	1.43%	0.116%
51	9.066	2489	2496	2510	rVB	151476	266806	7.73%	0.624%
52	9.239	2542	2550	2568	rVB8	31390	70657	2.05%	0.165%
53	9.403	2583	2601	2617	rVB10	37849	112598	3.26%	0.263%
54	9.481	2617	2625	2635	rBV3	27363	51397	1.49%	0.120%
55	9.628	2658	2671	2679	rBV4	37754	63846	1.85%	0.149%
56	9.728	2692	2702	2710	rBV4	17449	37471	1.09%	0.088%
57	9.857	2731	2742	2763	rBV	397946	681674	19.76%	1.594%
58	10.001	2777	2787	2812	rBV	1347099	2217171	64.28%	5.186%
59	10.281	2864	2874	2897	rBV	374950	719355	20.85%	1.682%
60	10.667	2983	2994	3006	rBV	94864	162860	4.72%	0.381%
61	10.982	3084	3092	3097	rBV	84400	126588	3.67%	0.296%
62	11.014	3098	3102	3115	rVB3	85066	117362	3.40%	0.274%
63	11.172	3141	3151	3170	rBV	1570559	2463506	71.42%	5.762%
64	11.384	3209	3217	3228	rVB	22069	37555	1.09%	0.088%
65	11.455	3228	3239	3258	rBV3	383576	935235	27.11%	2.187%
66	11.558	3263	3271	3292	rVB3	99714	194408	5.64%	0.455%
67	11.670	3299	3306	3317	rVB4	56954	87058	2.52%	0.204%
68	11.747	3322	3330	3341	rVB	37668	62796	1.82%	0.147%
69	11.944	3374	3391	3397	rBV2	72922	131146	3.80%	0.307%
70	12.043	3410	3422	3434	rBV	263713	471596	13.67%	1.103%
71	12.223	3473	3478	3490	rVB3	22328	39583	1.15%	0.093%
72	12.339	3494	3514	3526	rBV	295802	512835	14.87%	1.199%
73	12.477	3548	3557	3567	rBV4	46217	71742	2.08%	0.168%
74	12.612	3588	3599	3605	rBV4	44681	82779	2.40%	0.194%
75	12.651	3605	3611	3618	rVV	45663	64938	1.88%	0.152%
76	12.808	3650	3660	3674	rBV2	128725	210921	6.11%	0.493%

LSC Area Percent Report

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

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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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Title : SW846 8260

77	12.972	3702	3711	3736	rVB3	68844	143707	4.17%	0.336%
78	13.143	3758	3764	3772	rVB5	23396	34597	1.00%	0.081%
79	13.197	3772	3781	3789	rBV	66074	103825	3.01%	0.243%
80	13.432	3841	3854	3863	rBV	83149	145154	4.21%	0.339%
81	14.159	4070	4080	4092	rBV3	18651	38678	1.12%	0.090%
82	14.747	4253	4263	4276	rBV3	24069	49153	1.42%	0.115%

Sum of corrected areas: 42755667

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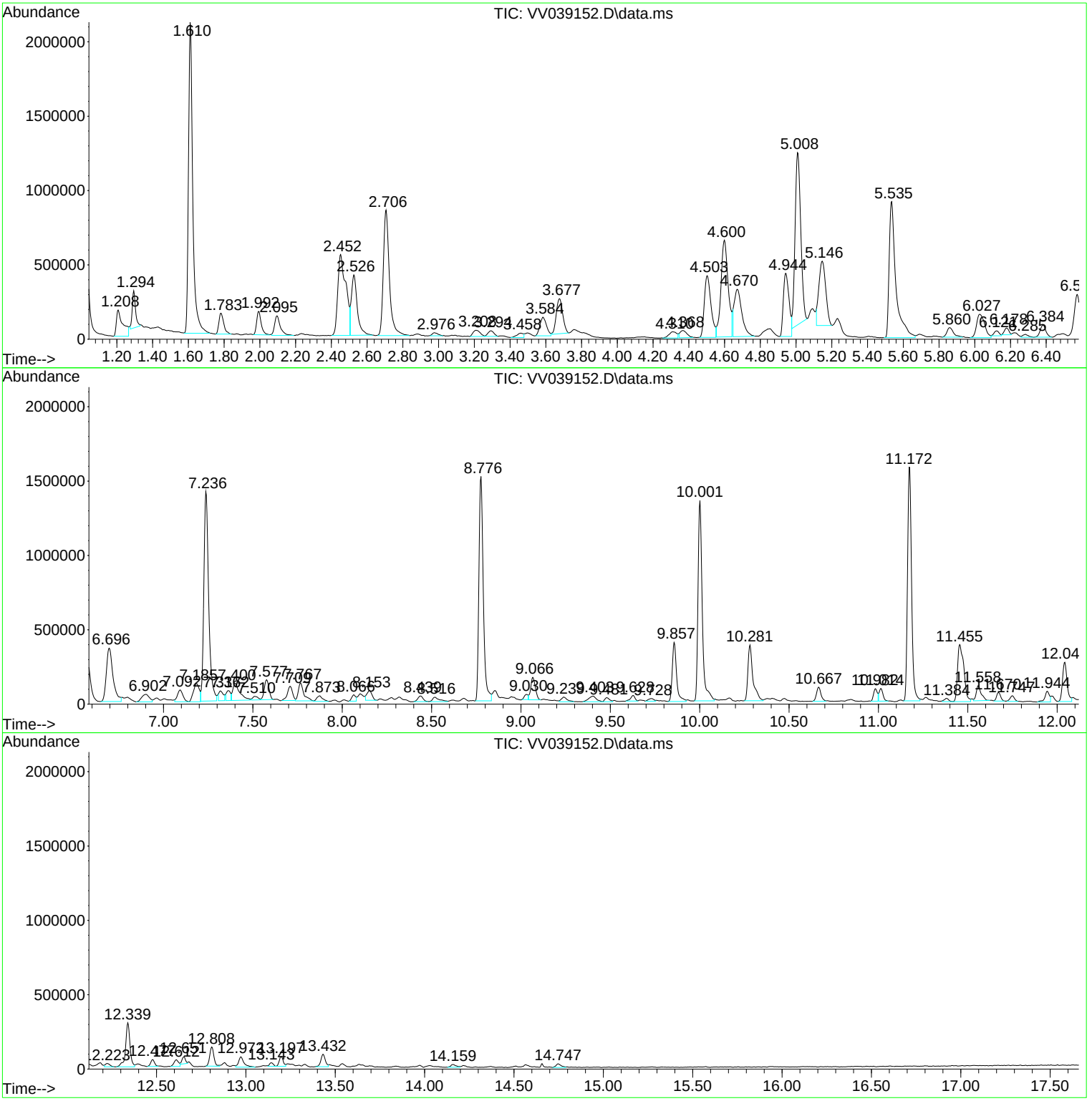
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

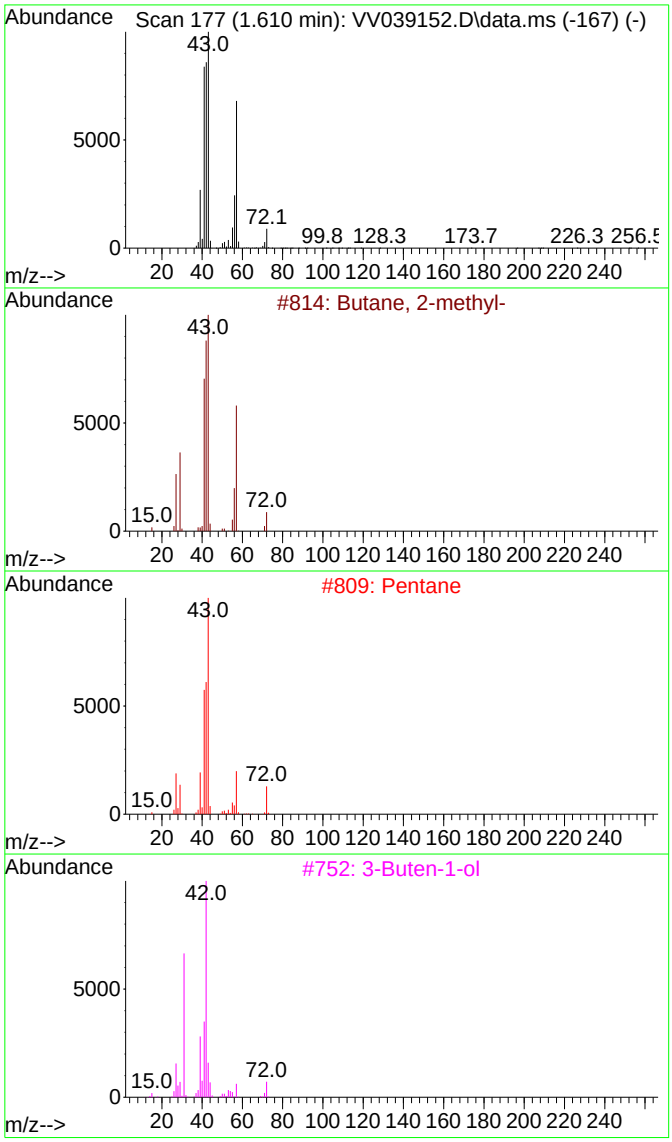
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

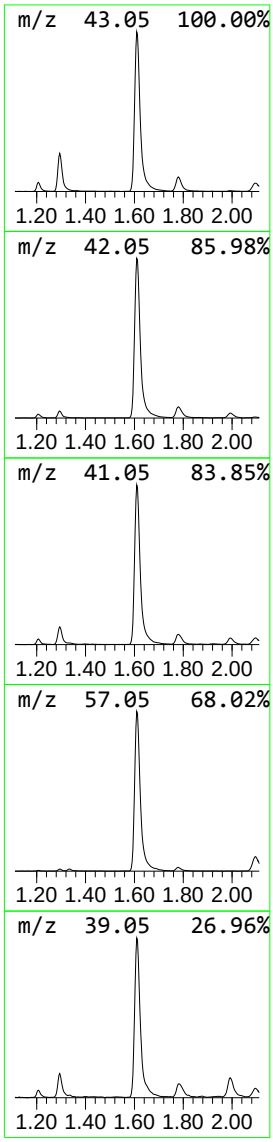
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.610	94.88 ug/l	3449340	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Pentane	72	C5H12	000109-66-0	45
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Butene	56	C4H8	000106-98-9	14
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

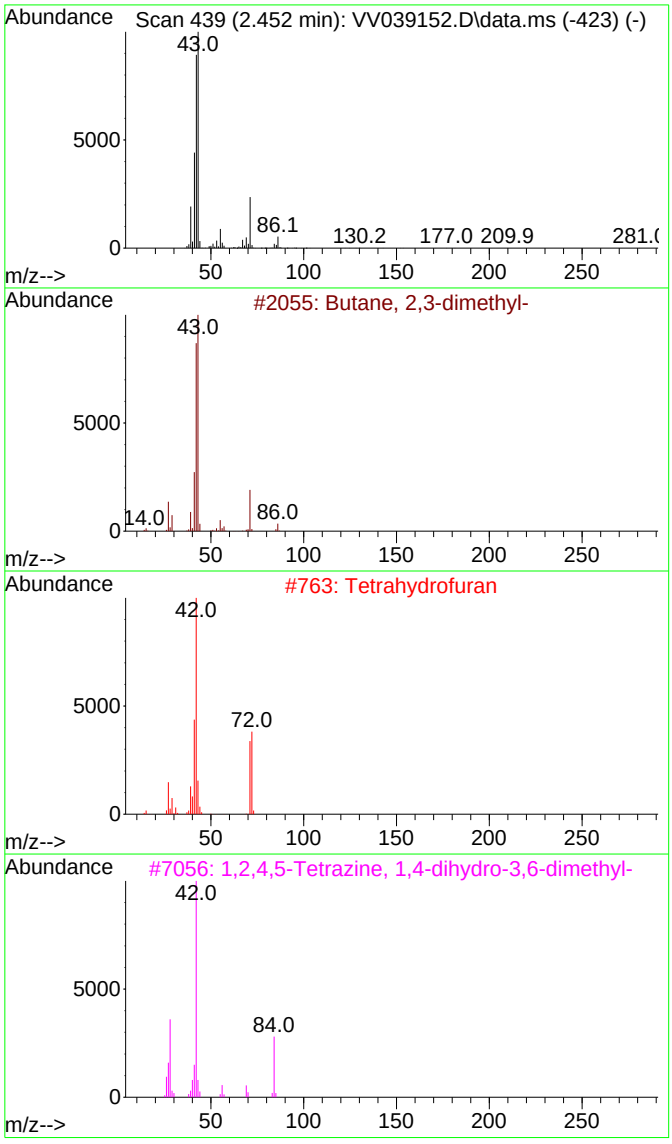
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

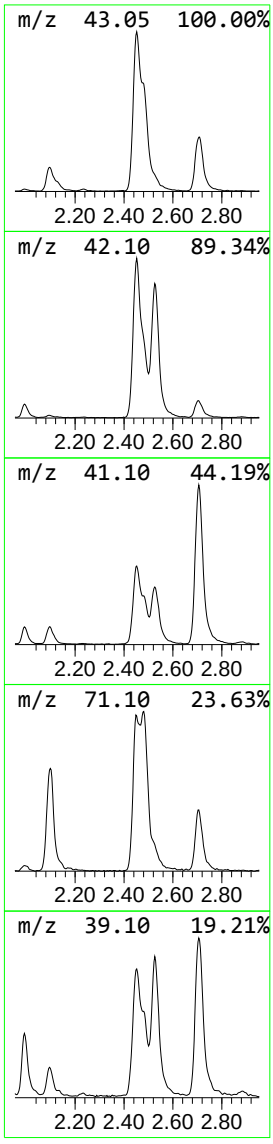
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.452	47.11 ug/l	1712870	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Tetrahydrofuran	72	C4H8O	000109-99-9	36
3	1,2,4,5-Tetrazine, 1,4-dihydro-3...	112	C4H8N4	037454-64-1	33
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	25
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

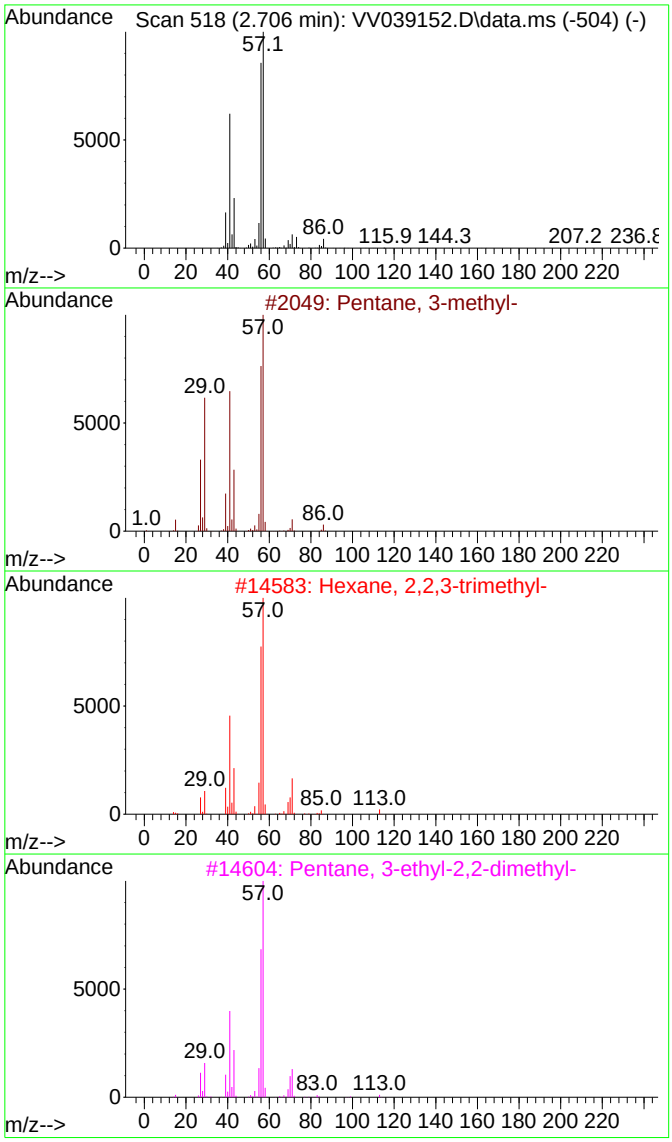
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

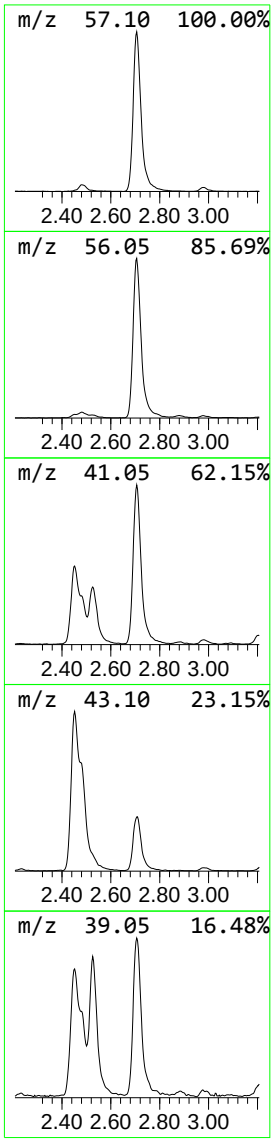
****

Peak Number 6 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.706	54.70 ug/l	1988700	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

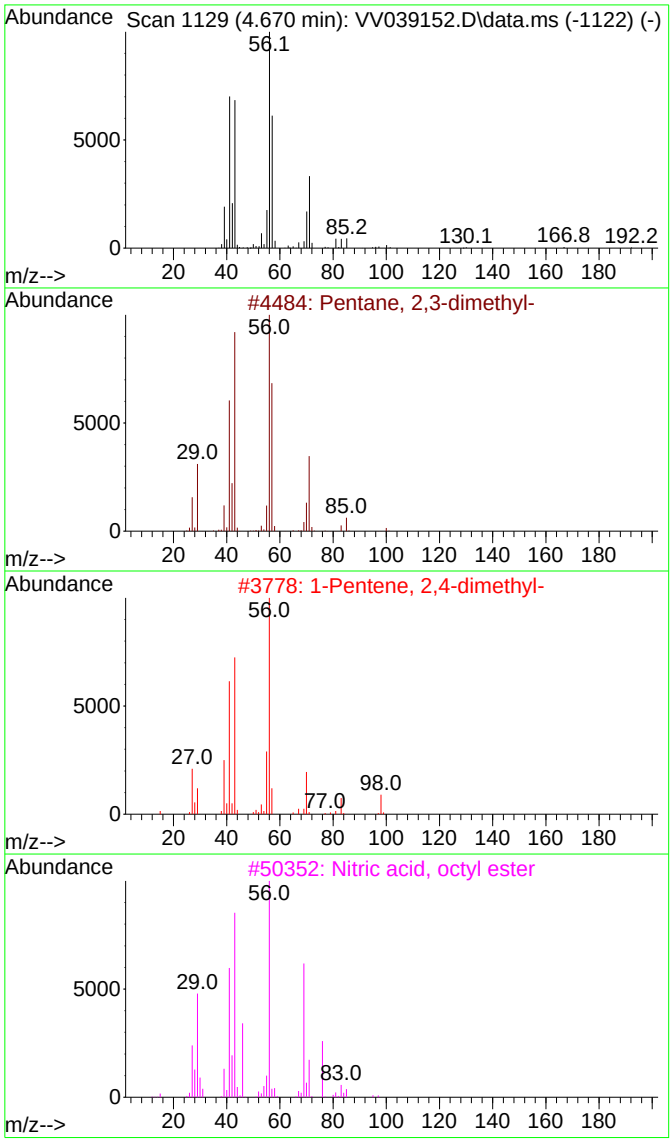
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

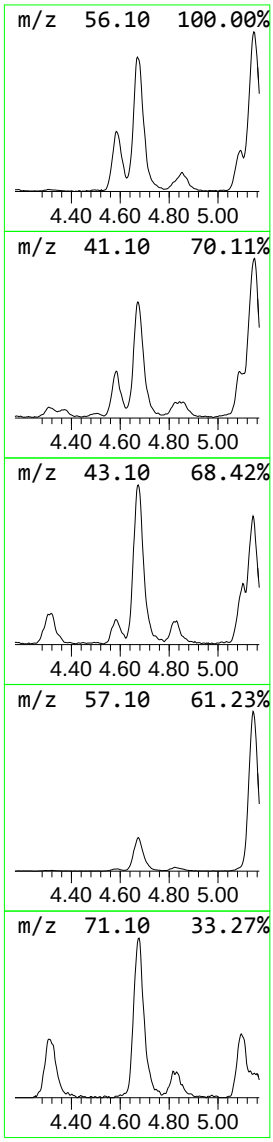
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.670	25.29 ug/l	919586	Pentafluorobenzene	4.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	53
3	Nitric acid, octyl ester	175	C8H17NO3	000629-39-0	50
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38





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Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

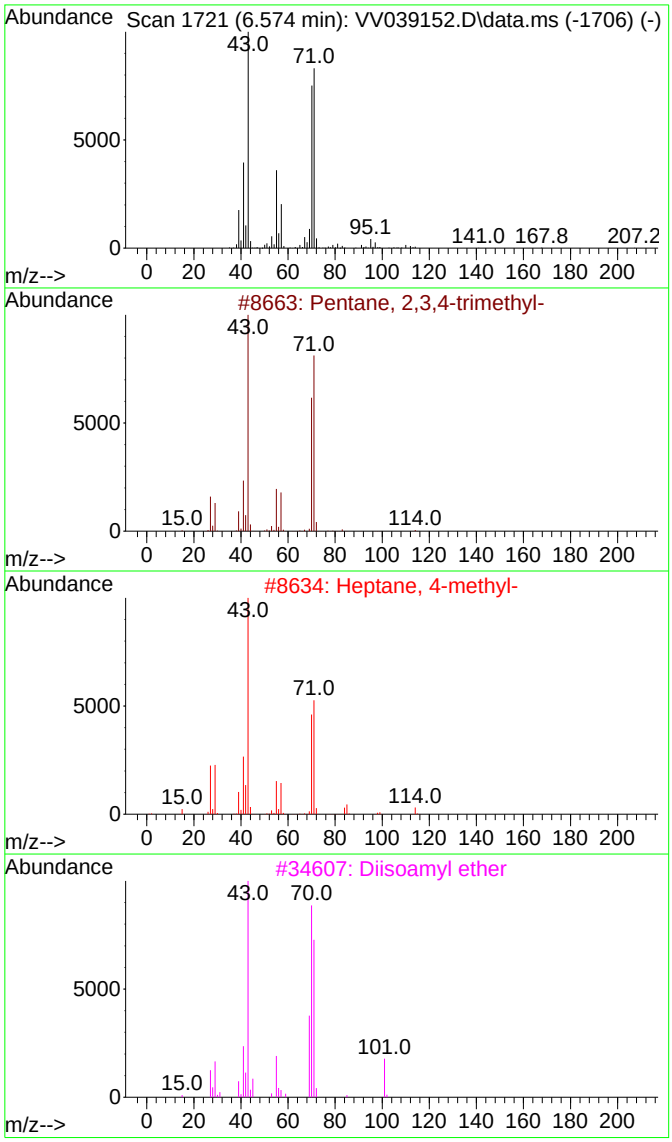
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

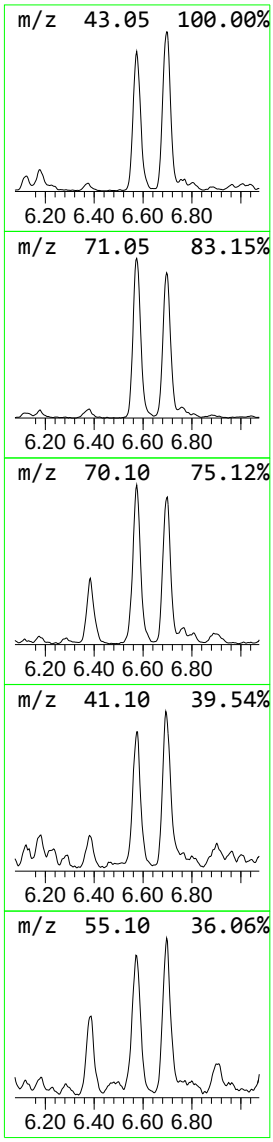
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.574	14.14 ug/l	676739	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Diisoamyl ether	158	C10H22O	000544-01-4	78
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	78
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

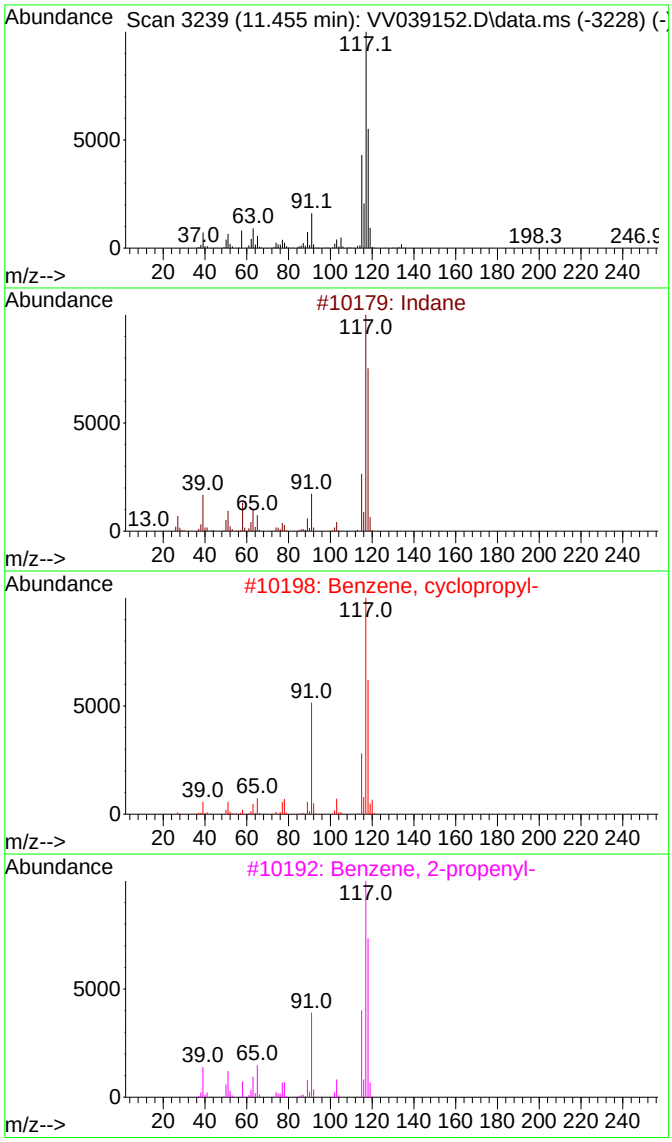
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

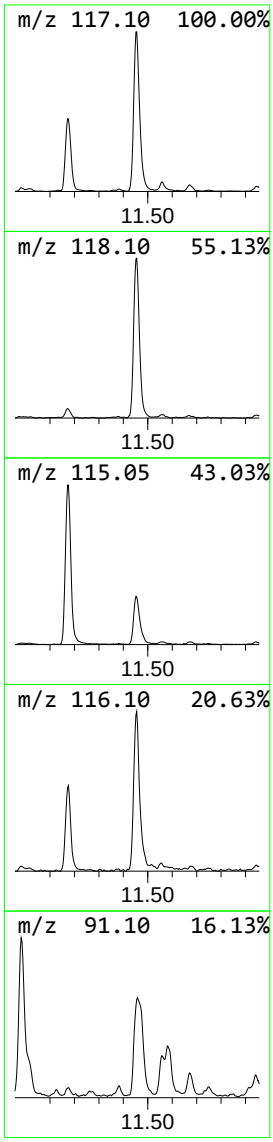
****

Peak Number 13 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.455	18.98 ug/l	935235	1,4-Dichlorobenzene-d4	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	43
5	Indole	117	C8H7N	000120-72-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

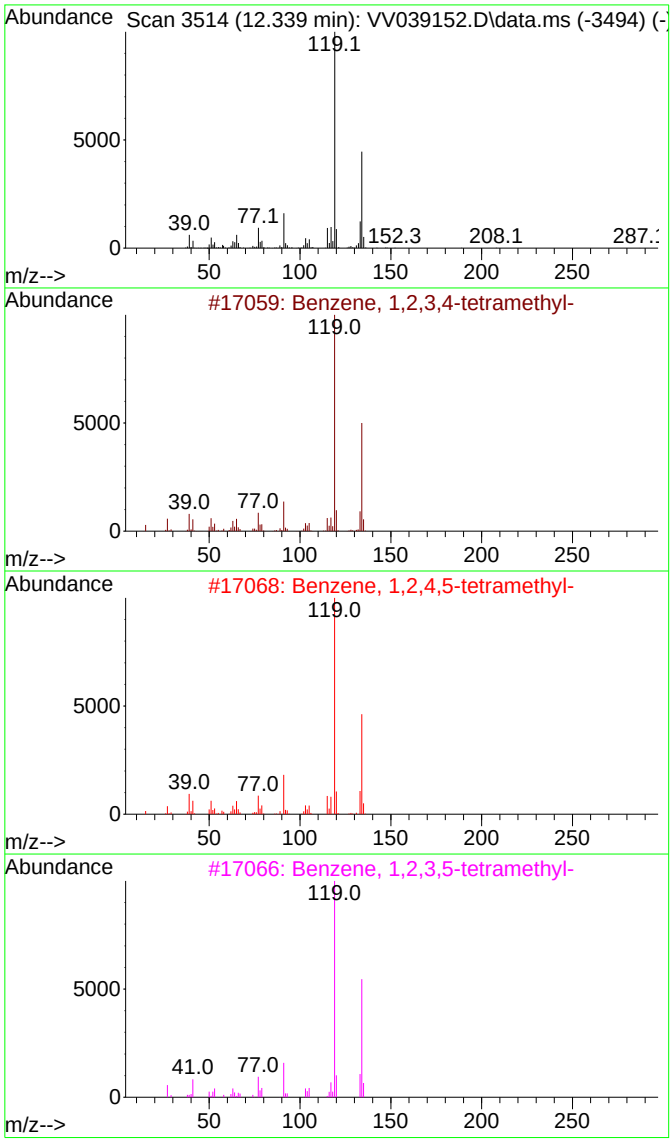
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260

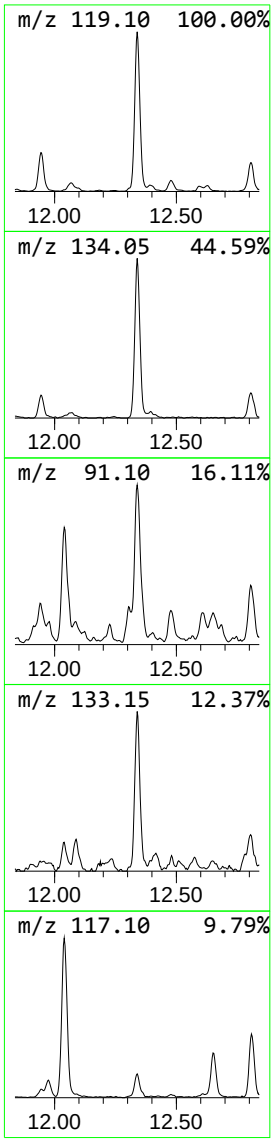
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	10.41 ug/l	512835	1,4-Dichlorobenzene-d4	11.175

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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039152.D
Acq On : 24 Sep 2025 15:08
Operator : SY/MD
Sample : Q3173-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
OBS1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.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-	1.610	94.9	ug/l	3449340	1	4.600	1817770	50.0
Butane, 2,3-dim...	2.452	47.1	ug/l	1712870	1	4.600	1817770	50.0
Pentane, 3-methyl-	2.706	54.7	ug/l	1988700	1	4.600	1817770	50.0
Pentane, 2,3-di...	4.670	25.3	ug/l	919586	1	4.600	1817770	50.0
Pentane, 2,3,4-...	6.574	14.1	ug/l	676739	2	5.535	2392780	50.0
Indane	11.455	19.0	ug/l	935235	4	11.175	2463510	50.0
Benzene, 1,2,3,...	12.339	10.4	ug/l	512835	4	11.175	2463510	50.0