LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.368	40	46	51	rBV	64312	75831	2.37%	0.299%
2	1.734	101	106	119	rVB	711306	984396	30.72%	3.879%
3	1.947	136	141	152	rVB	76858	110474	3.45%	0.435%
4	2.331	193	204	210	rVV	75391	150406	4.69%	0.593%
5	2.770	267	276	281	rBV	467360	1058095	33.01%	4.169%
6	2.819	281	284	289	rVB	192390	326398	10.18%	1.286%
7	2.971	300	309	321	rBV	1479800	3204898	100.00%	12.629%
8	3.093	321	329	345	rVB2	364686	882890	27.55%	3.479%
9	3.441	377	386	394	rBV2	15567	35251	1.10%	0.139%
10	3.727	424	433	443	rBV4	16432	45978	1.43%	0.181%
11	4.203	501	511	519	rVV2	91821	285044	8.89%	1.123%
12	4.294	519	526	539	rVV	155630	448939	14.01%	1.769%
13	4.428	539	548	567	rVB5	19736	81944	2.56%	0.323%
14	5.379	693	704	712	rBV	57337	172801	5.39%	0.681%
15	5.483	712	721	723	rVV4	33893	106546	3.32%	0.420%
16	5.544	725	731	736	rVV	83466	255014	7.96%	1.005%
17	5.611	736	742	761	rVV	157901	515067	16.07%	2.030%
18	5.824	765	777	790	rVV4	42106	140253	4.38%	0.553%
19	5.952	790	798	804	rVV	64634	166878	5.21%	0.658%
20	6.032	804	811	822	rVV	183514	498823	15.56%	1.966%
21	6.153	822	831	836	rVV2	57241	187645	5.85%	0.739%
22	6.245	836	846	856	rVV	421836	1329374	41.48%	5.238%
23	6.355	856	864	876	rVB3	45129	134310	4.19%	0.529%
24	6.757	921	930	939	rBV	142447	355920	11.11%	1.402%
25	6.842	940	944	955	rVV6	17001	48517	1.51%	0.191%
26	7.361	1018	1029	1042	rBV4	86639	251829	7.86%	0.992%
27	7.495	1042	1051	1056	rBV2	42608	90971	2.84%	0.358%
28	7.556	1056	1061	1064	rVV	39572	80936	2.53%	0.319%
29	7.598	1064	1068	1073	rVV	44078	93592	2.92%	0.369%
30	7.769	1089	1096	1104	rVB2	30850	62707	1.96%	0.247%
31	7.982	1121	1131	1142	rVB	422239	848767	26.48%	3.344%
32	8.104	1142	1151	1160	rBV	694403	1397633	43.61%	5.507%
33	8.184	1160	1164	1169	rVV	32779	57414	1.79%	0.226%
34	8.245	1169	1174	1180	rVB	22369	41577	1.30%	0.164%
35	8.427	1200	1204	1209	rVV2	22363	36672	1.14%	0.145%
36	8.507	1213	1217	1225	rVB4	31591	66360	2.07%	0.261%

LSC Area Percent Report

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Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 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\82X050525W.M
Title : SW846 8260

37	8.604	1225	1233	1235	rBV3	45100	82667	2.58%	0.326%
38	8.647	1235	1240	1248	rVB	295536	477152	14.89%	1.880%
39	8.976	1289	1294	1299	rVB2	23418	39011	1.22%	0.154%
40	9.098	1305	1314	1319	rVB3	40242	71146	2.22%	0.280%
41	9.159	1319	1324	1328	rBV	28600	44469	1.39%	0.175%
42	9.458	1364	1373	1376	rBV3	18259	37890	1.18%	0.149%
43	9.507	1376	1381	1387	rVB2	22549	39606	1.24%	0.156%
44	10.049	1465	1470	1476	rBV	298141	410824	12.82%	1.619%
45	10.122	1480	1482	1490	rVB3	18438	34358	1.07%	0.135%
46	10.957	1614	1619	1626	rBV	633627	802162	25.03%	3.161%
47	11.079	1634	1639	1644	rBV	256658	332534	10.38%	1.310%
48	11.299	1665	1675	1686	rBV	1352078	1731743	54.03%	6.824%
49	11.610	1721	1726	1734	rVB	40621	53645	1.67%	0.211%
50	11.860	1760	1767	1770	rBV	159726	231653	7.23%	0.913%
51	11.890	1770	1772	1776	rVB	127142	129646	4.05%	0.511%
52	12.018	1788	1793	1802	rVB	325007	396296	12.37%	1.562%
53	12.244	1824	1830	1836	rVV2	1308439	1718190	53.61%	6.770%
54	12.311	1836	1841	1851	rVV2	179934	334703	10.44%	1.319%
55	12.402	1851	1856	1862	rVV	132295	164383	5.13%	0.648%
56	12.610	1882	1890	1893	rBV	273425	338253	10.55%	1.333%
57	12.640	1893	1895	1900	rVV	80965	97992	3.06%	0.386%
58	12.695	1900	1904	1912	rVV	408348	544918	17.00%	2.147%
59	12.835	1920	1927	1933	rVB	35034	50896	1.59%	0.201%
60	12.921	1933	1941	1946	rBV	464795	593776	18.53%	2.340%
61	13.024	1953	1958	1966	rVB3	65819	98584	3.08%	0.388%
62	13.134	1973	1976	1978	rVV	48222	59340	1.85%	0.234%
63	13.164	1978	1981	1990	rVB	203497	269414	8.41%	1.062%
64	13.286	1993	2001	2007	rBV2	330838	454194	14.17%	1.790%
65	13.420	2020	2023	2031	rVB2	23473	34283	1.07%	0.135%
66	13.542	2039	2043	2046	rVV	93149	133273	4.16%	0.525%
67	13.579	2046	2049	2053	rVV3	85966	121722	3.80%	0.480%
68	13.640	2053	2059	2060	rVV2	43597	75938	2.37%	0.299%
69	13.664	2060	2063	2071	rVB2	62919	111100	3.47%	0.438%
70	13.792	2078	2084	2090	rVB2	15751	34022	1.06%	0.134%
71	13.926	2099	2106	2110	rBV2	38816	61407	1.92%	0.242%
72	14.073	2125	2130	2136	rBV	46750	61344	1.91%	0.242%
73	14.213	2149	2153	2165	rVV2	30523	56679	1.77%	0.223%
74	14.317	2165	2170	2176	rVV	90060	117118	3.65%	0.461%
75	14.372	2176	2179	2184	rVB	29176	36806	1.15%	0.145%
76	14.774	2240	2245	2255	rBV	196546	264892	8.27%	1.044%

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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
MW2

Integration Parameters: RTEINT.P
Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

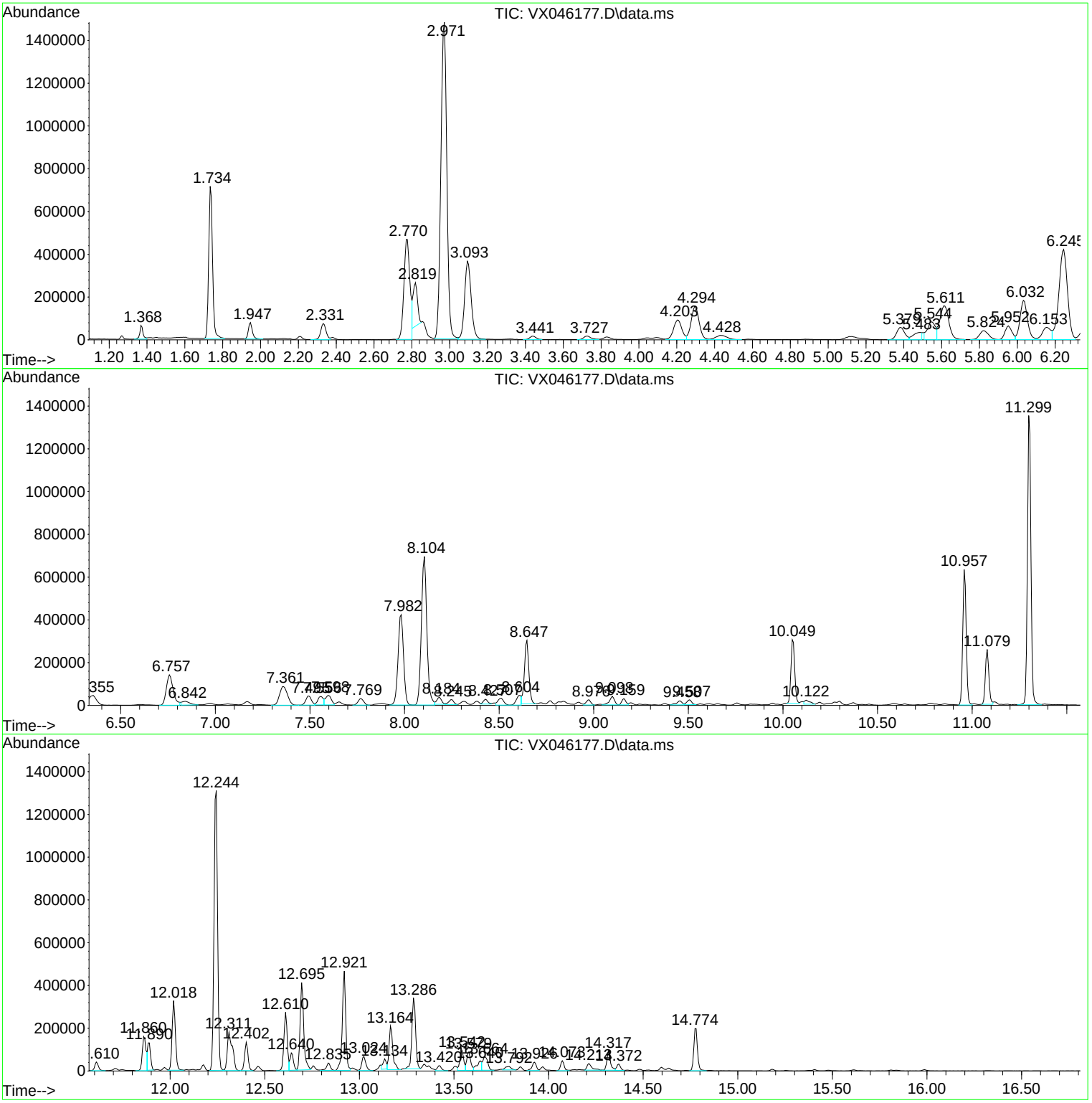
Sum of corrected areas: 25378179

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

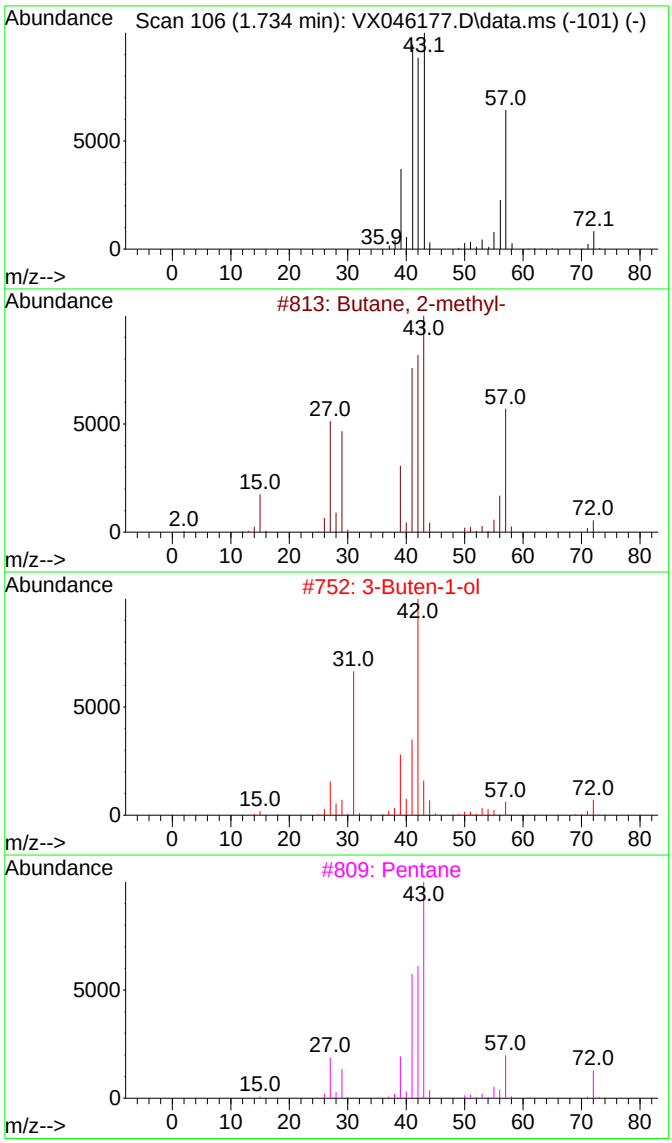
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

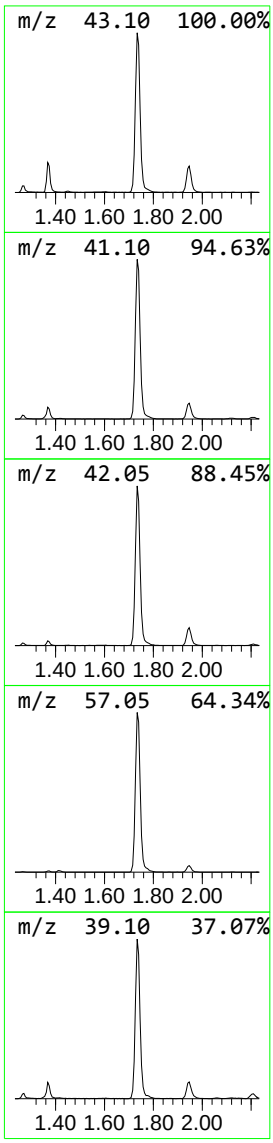
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.734	193.01 ug/l	984396	Pentafluorobenzene	5.550

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	47
3	Pentane	72	C5H12	000109-66-0	36
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
MW2

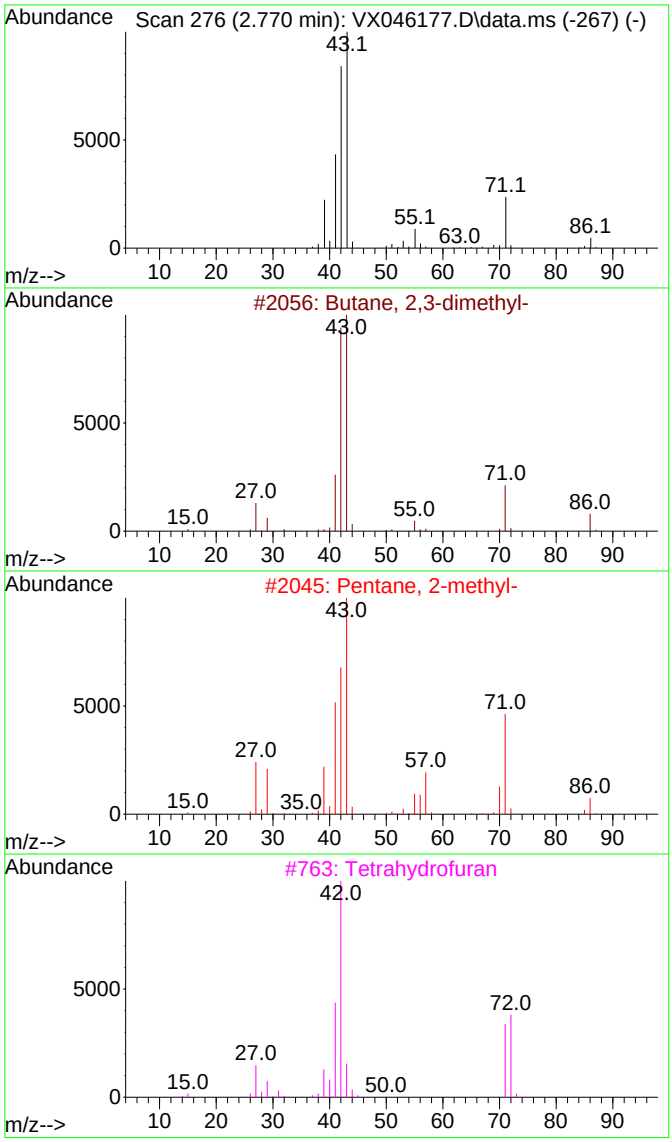
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

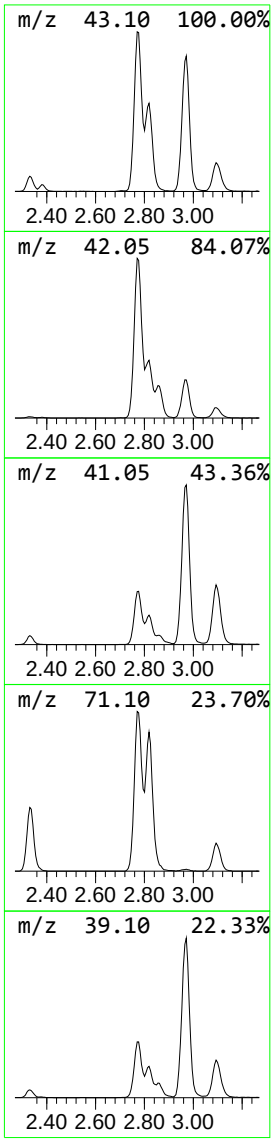
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.770	207.46 ug/l	1058100	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3	Tetrahydrofuran	72	C4H8O	000109-99-9	38
4	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	12
5	Pyrrolidine	71	C4H9N	000123-75-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

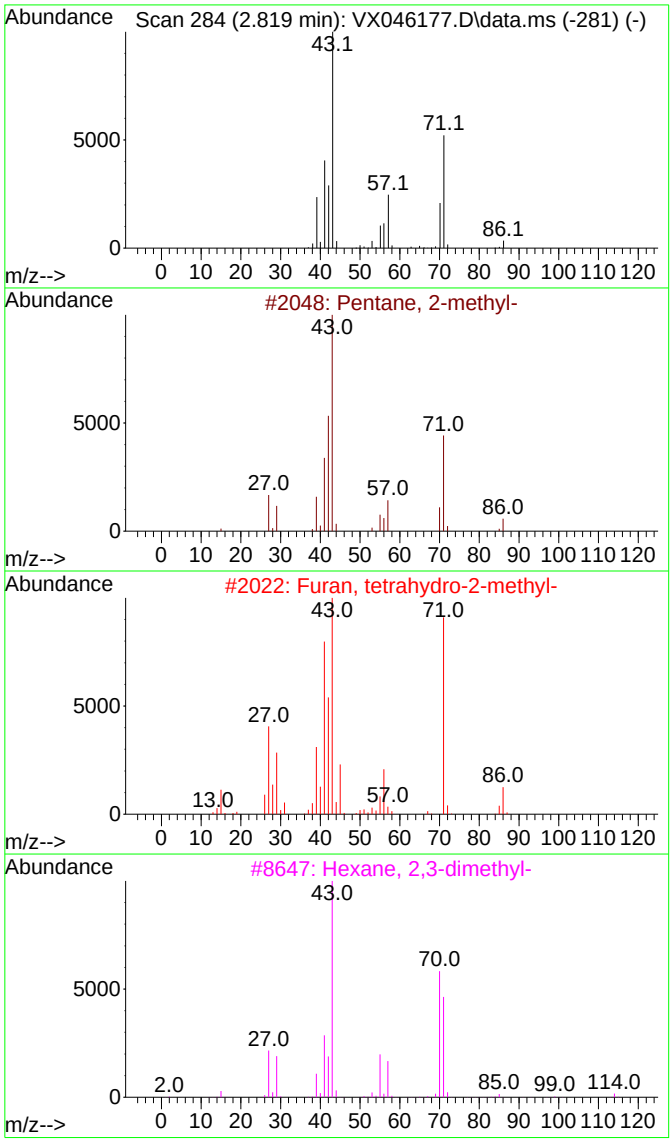
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

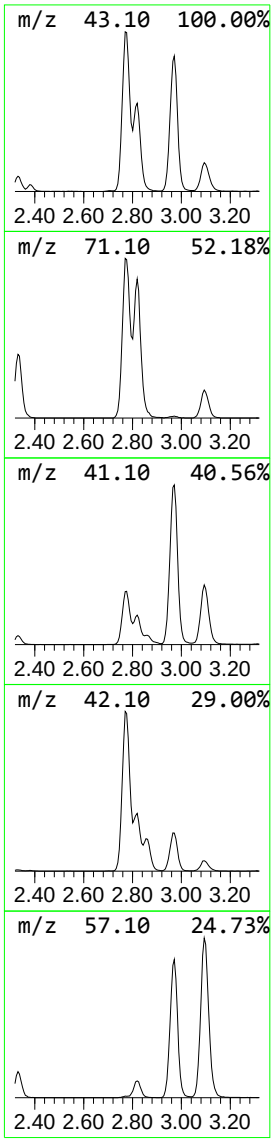
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown2.819 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	64.00 ug/l	326398	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	45
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	33
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	33
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	33
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	23





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Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

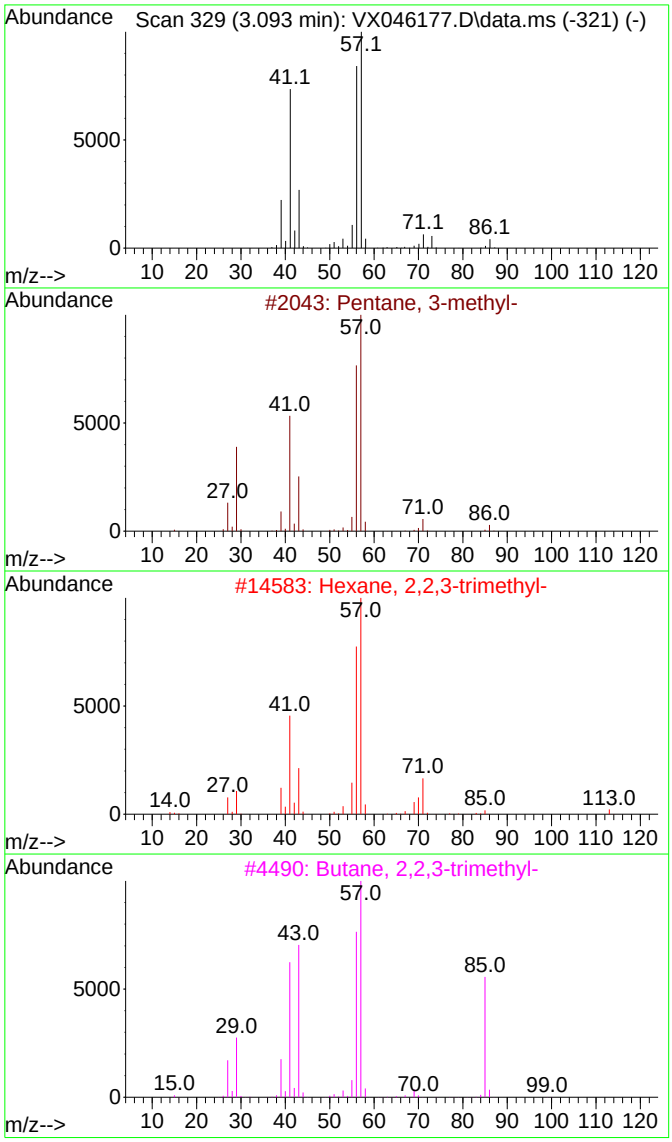
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

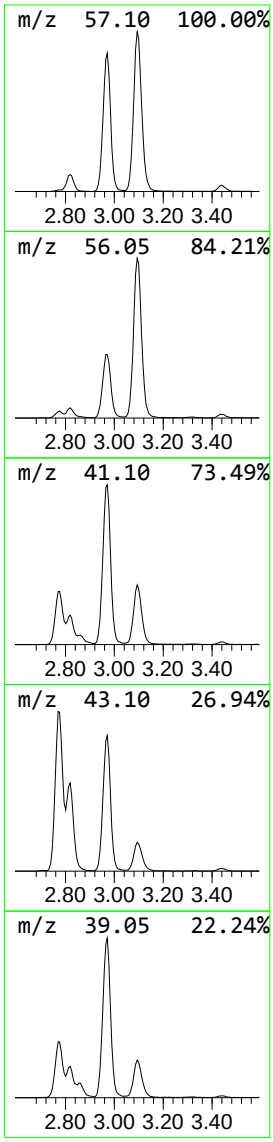
****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	173.11 ug/l	882890	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
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Acq On : 13 May 2025 19:28
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

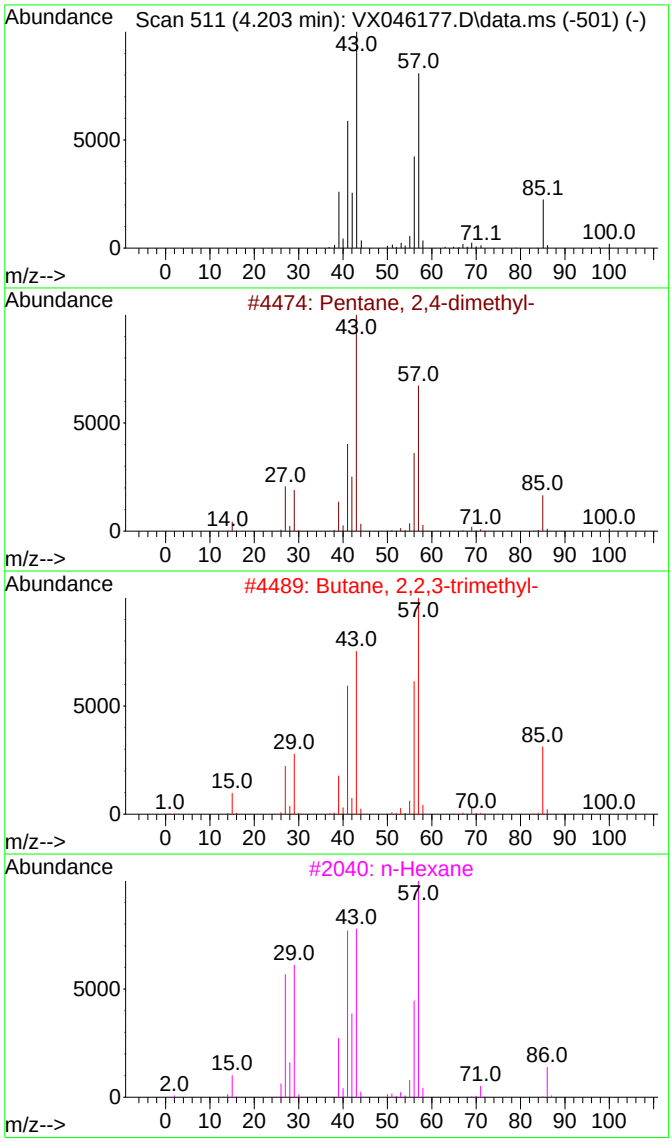
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

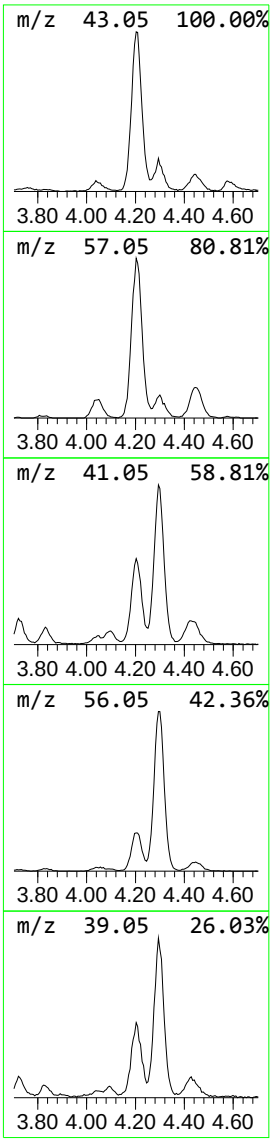
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.203	55.89 ug/l	285044	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3	n-Hexane	86	C6H14	000110-54-3	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50





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Data File : VX046177.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

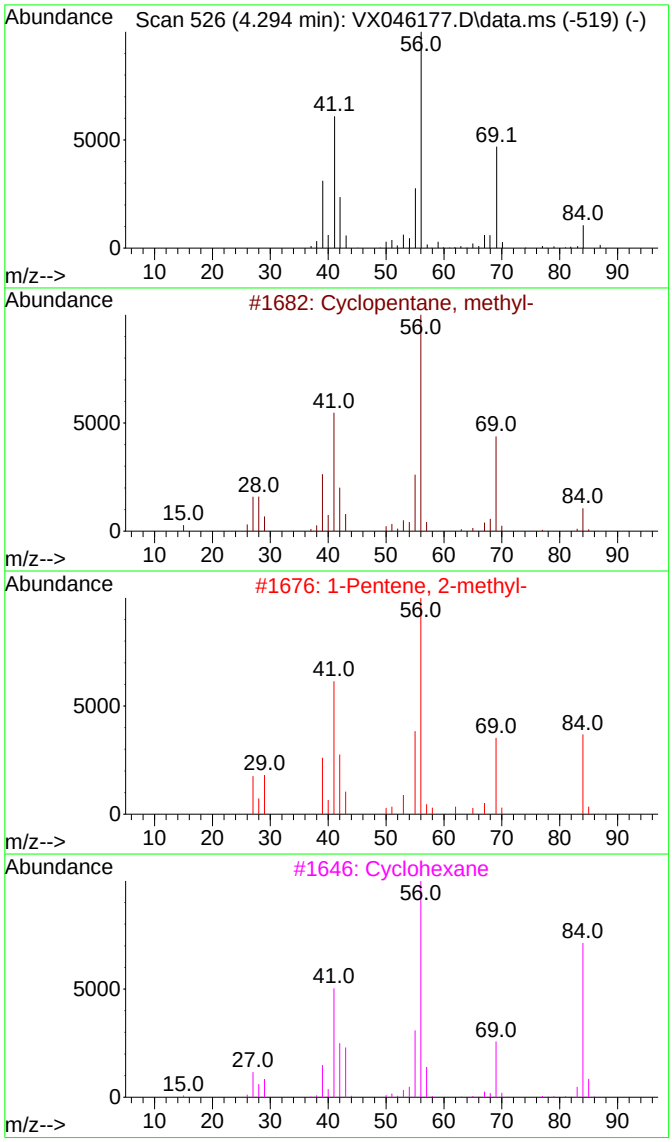
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

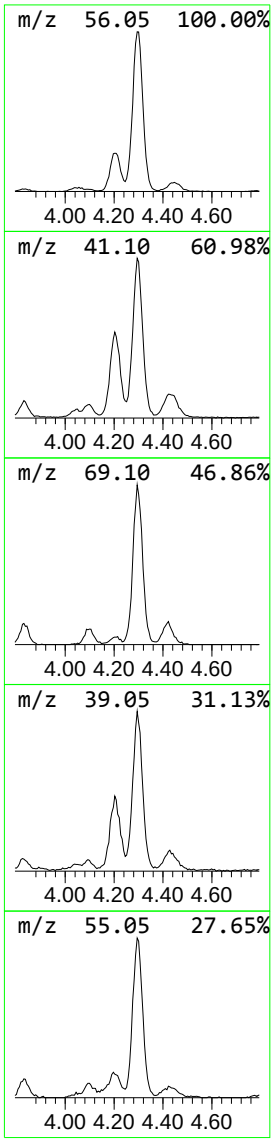
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	88.02 ug/l	448939	Pentafluorobenzene	5.550

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	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

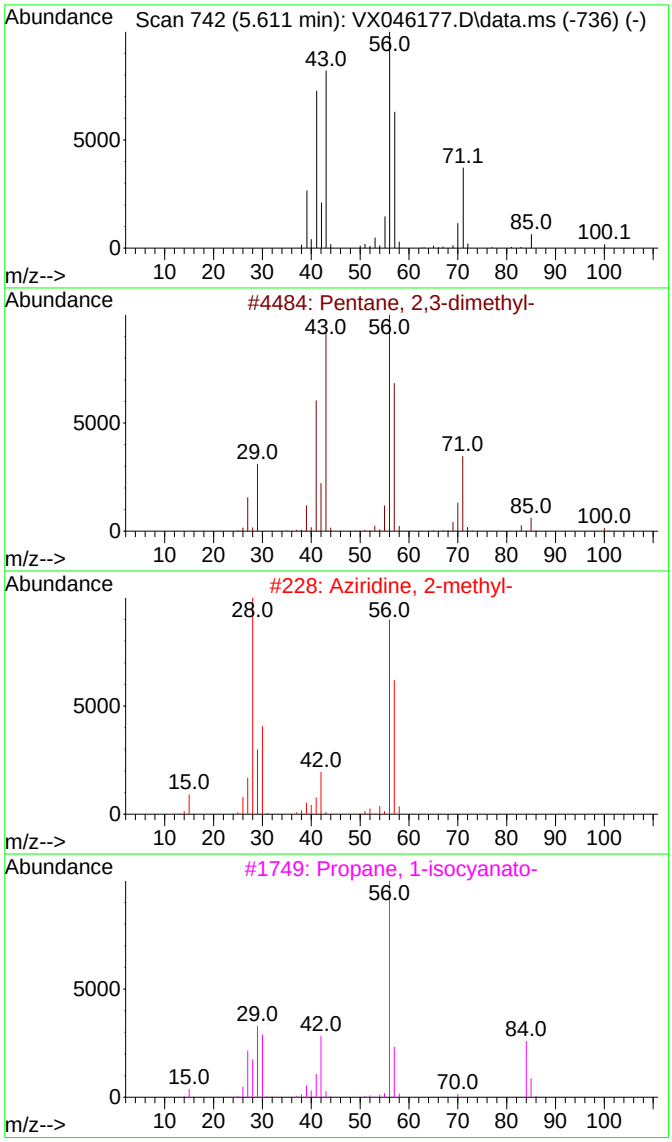
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

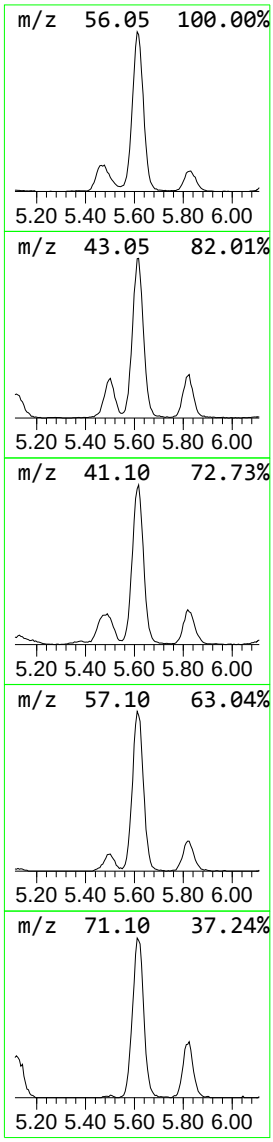
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.611	100.99 ug/l	515067	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	40
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	37
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

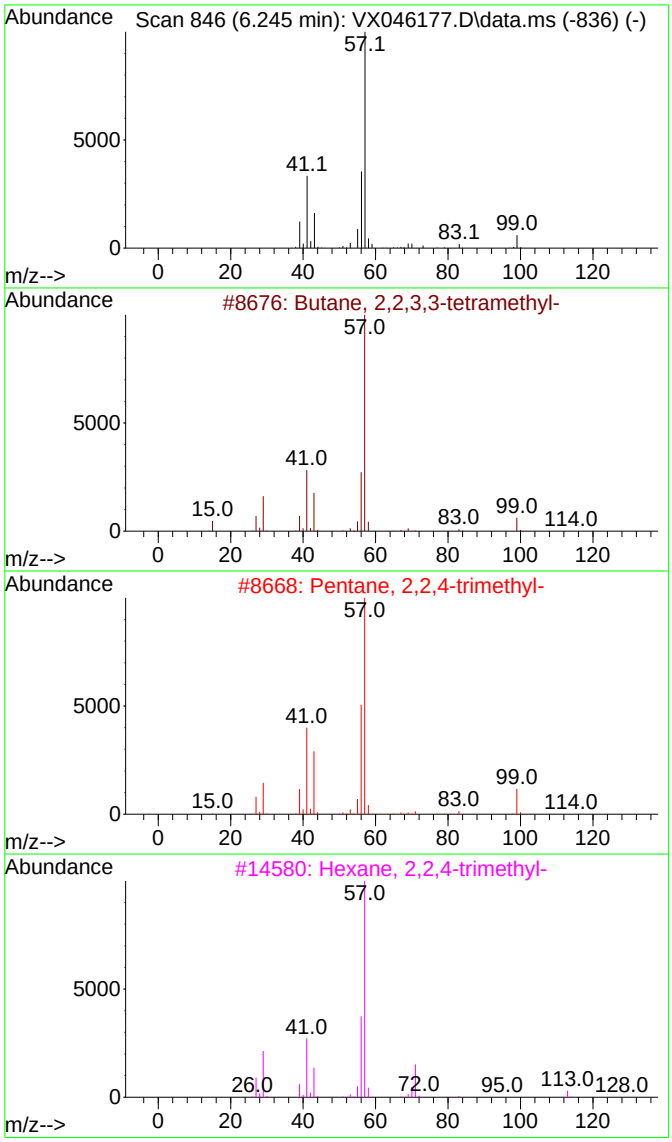
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

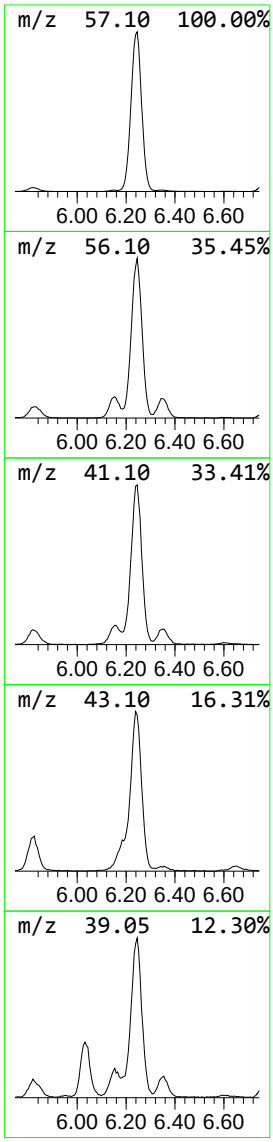
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Butane, 2,2,3,3-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	186.75 ug/l	1329370	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

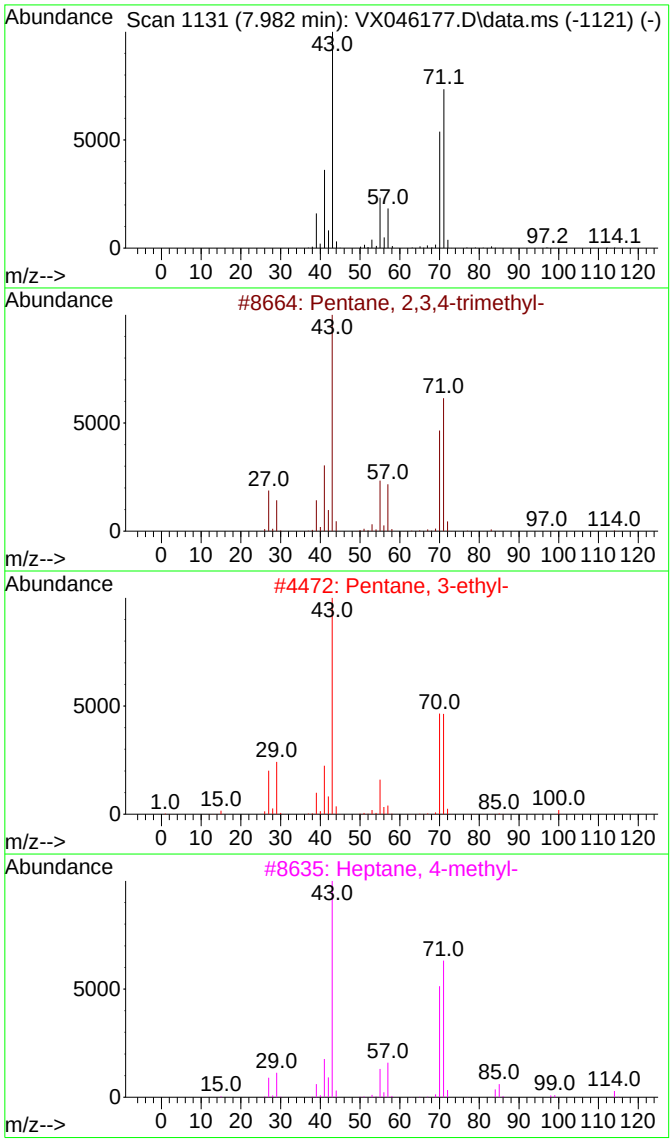
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

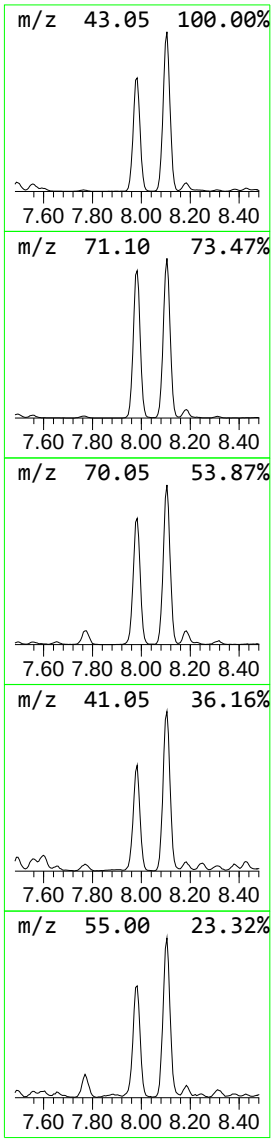
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.982	119.24 ug/l	848767	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	64
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

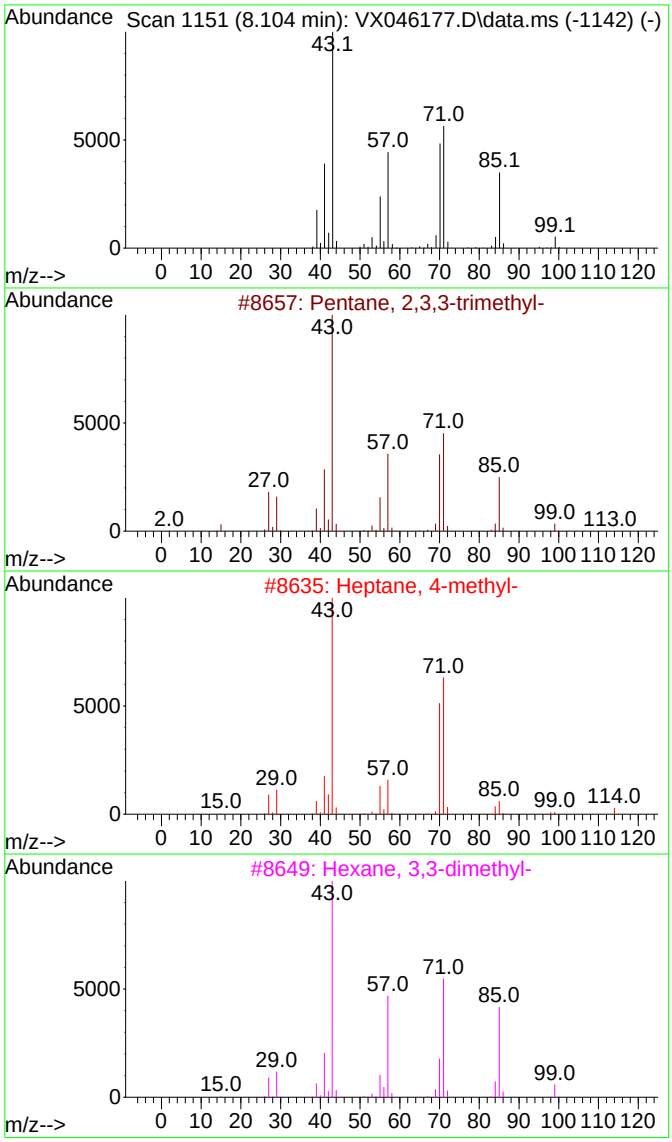
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

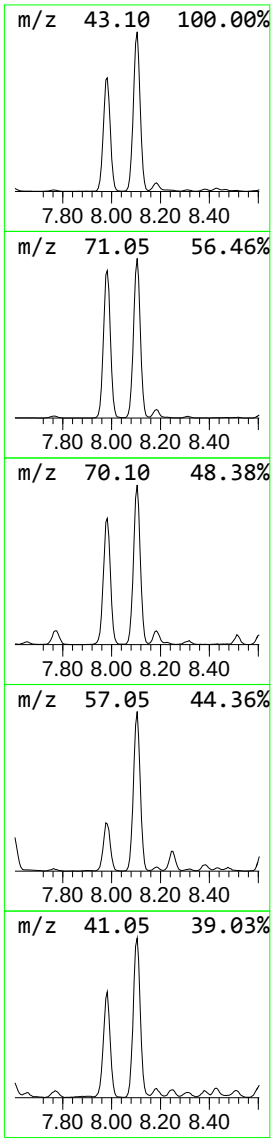
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	196.34 ug/l	1397630	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

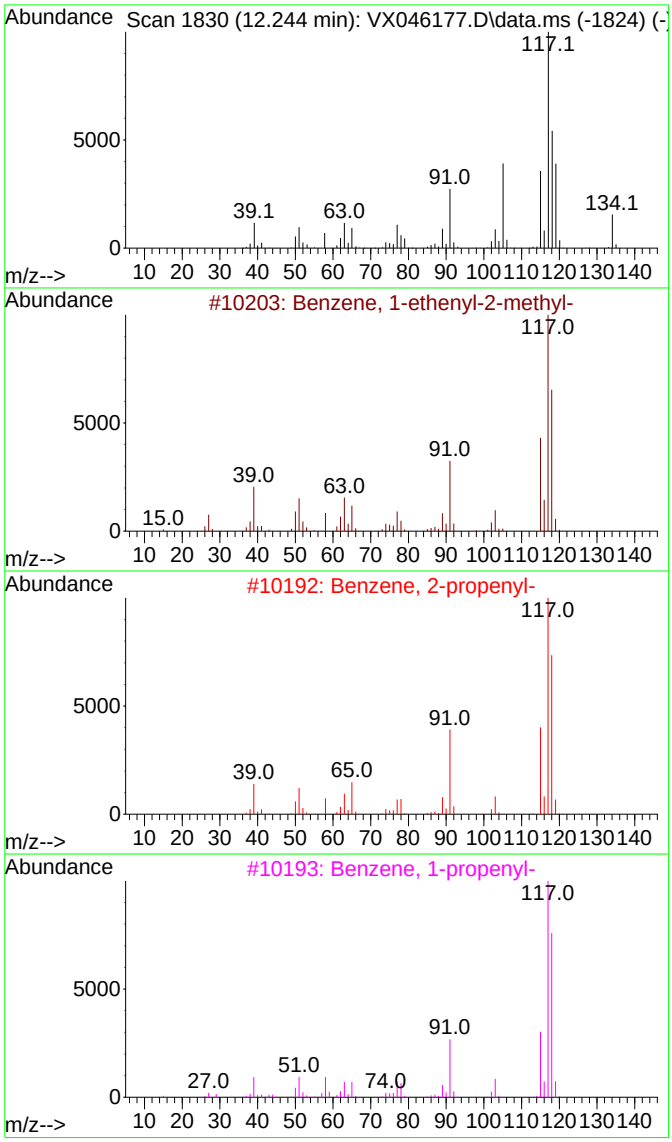
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

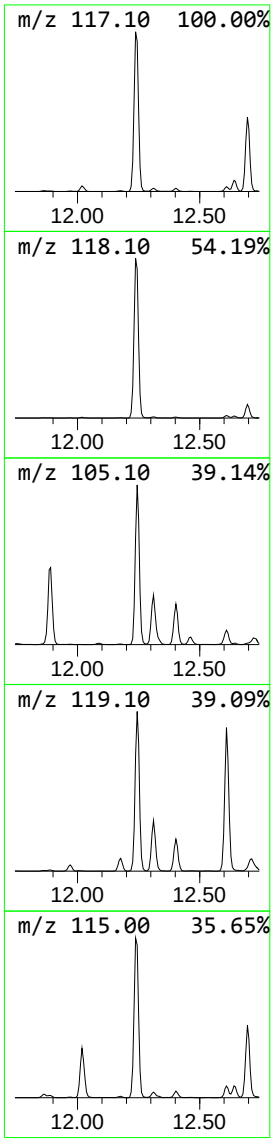
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	216.78 ug/l	1718190	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

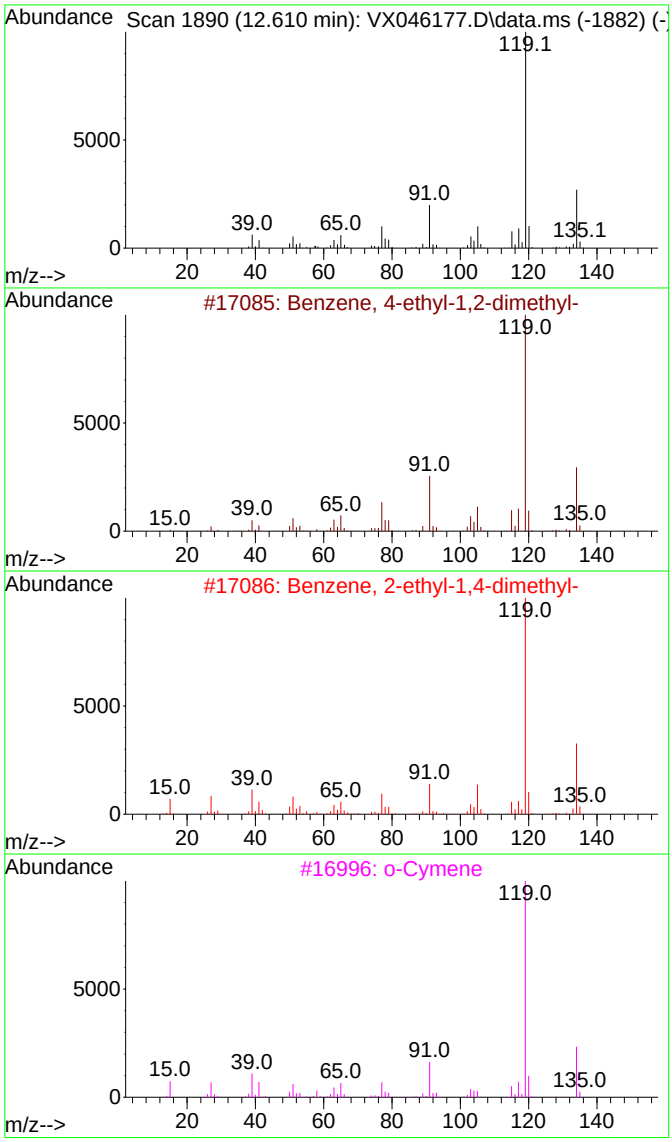
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

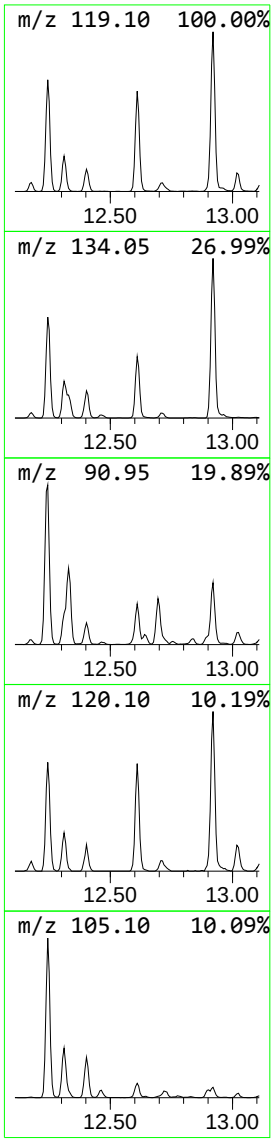
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	42.68 ug/l	338253	1,4-Dichlorobenzene-d4	12.018

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	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

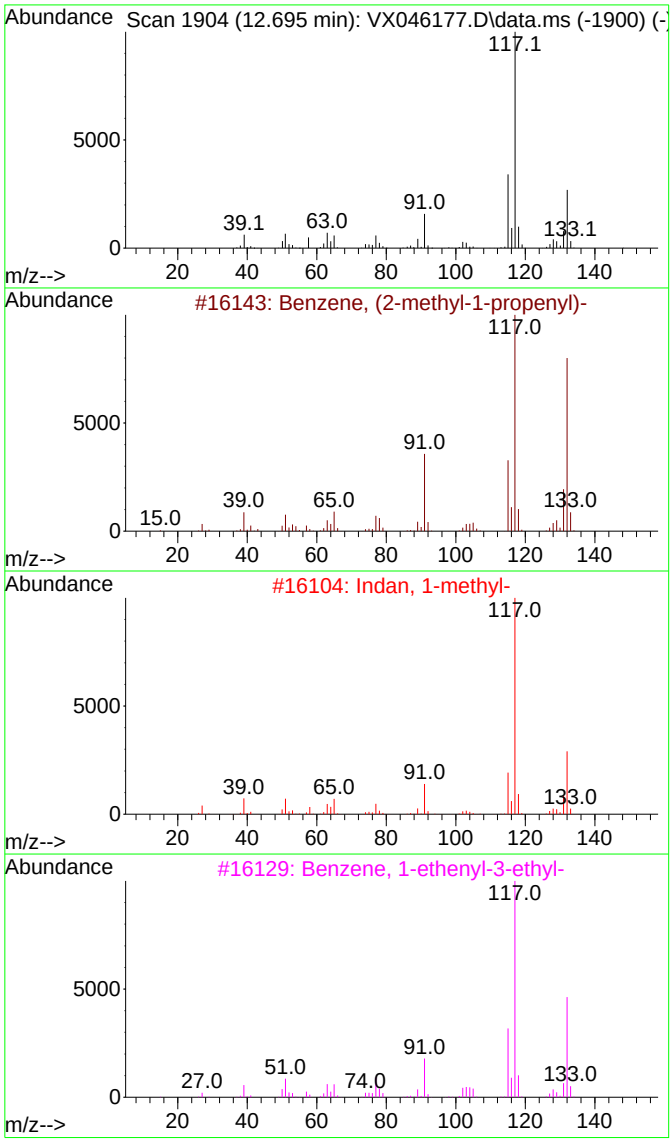
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

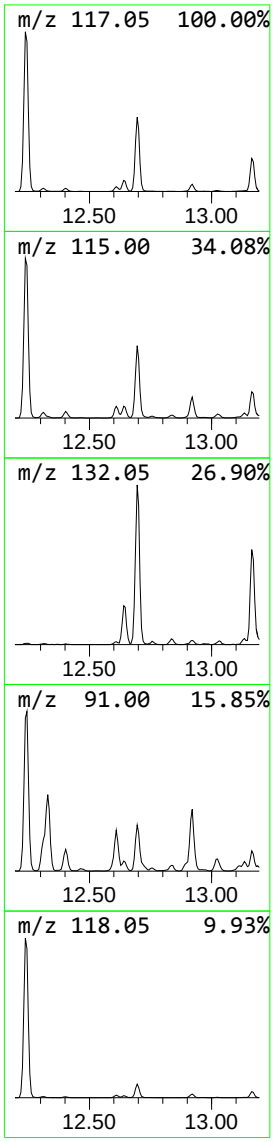
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methyl-1-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	68.75 ug/l	544918	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

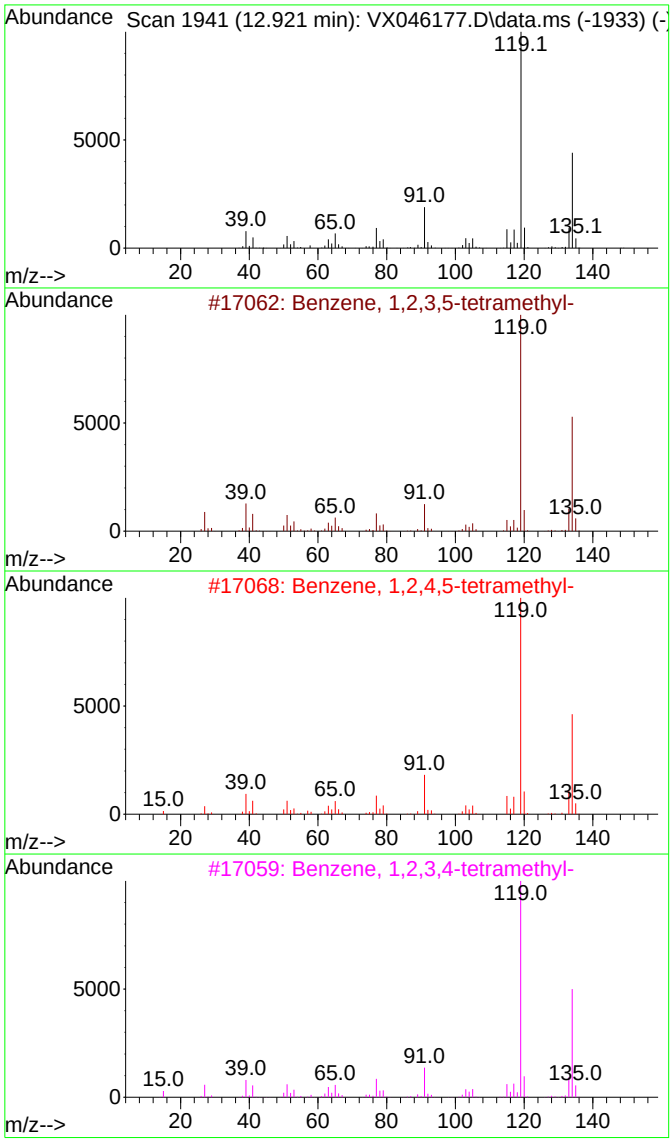
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

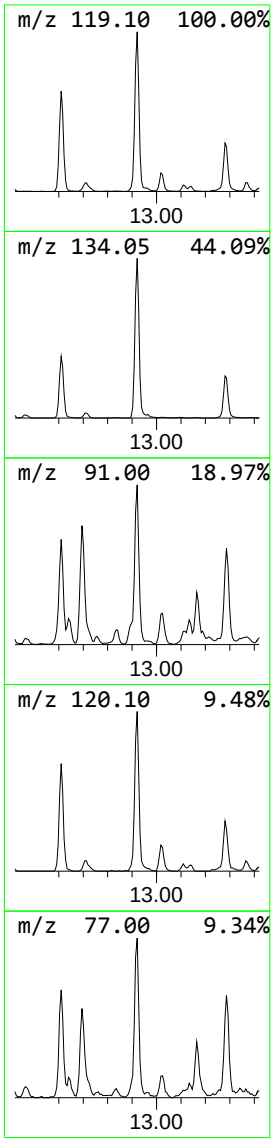
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	74.92 ug/l	593776	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

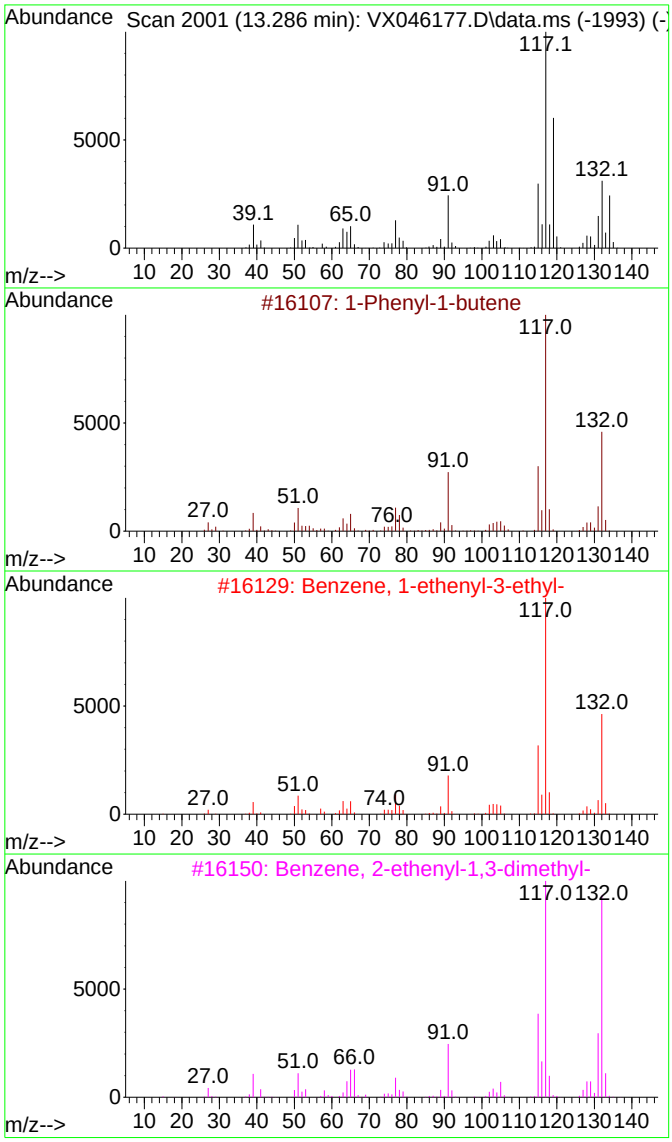
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

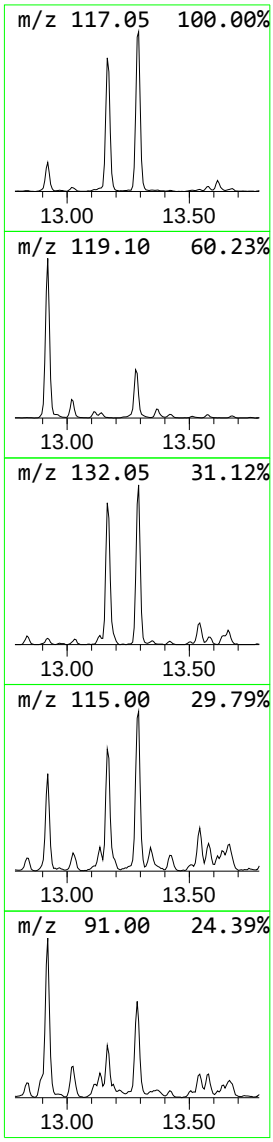
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	57.30 ug/l	454194	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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-	1.734	193.0	ug/l	984396	1	5.550	255014	50.0
Butane, 2,3-dim...	2.770	207.5	ug/l	1058100	1	5.550	255014	50.0
unknown2.819	2.819	64.0	ug/l	326398	1	5.550	255014	50.0
Pentane, 3-methyl-	3.093	173.1	ug/l	882890	1	5.550	255014	50.0
Pentane, 2,4-di...	4.203	55.9	ug/l	285044	1	5.550	255014	50.0
Cyclopentane, m...	4.294	88.0	ug/l	448939	1	5.550	255014	50.0
Pentane, 2,3-di...	5.611	101.0	ug/l	515067	1	5.550	255014	50.0
Butane, 2,2,3,3...	6.245	186.8	ug/l	1329370	2	6.757	355920	50.0
Pentane, 2,3,4-...	7.982	119.2	ug/l	848767	2	6.757	355920	50.0
Pentane, 2,3,3-...	8.104	196.3	ug/l	1397630	2	6.757	355920	50.0
Benzene, 1-ethe...	12.244	216.8	ug/l	1718190	4	12.018	396296	50.0
Benzene, 4-ethy...	12.610	42.7	ug/l	338253	4	12.018	396296	50.0
Benzene, (2-met...	12.695	68.8	ug/l	544918	4	12.018	396296	50.0
Benzene, 1,2,3,...	12.921	74.9	ug/l	593776	4	12.018	396296	50.0
1-Phenyl-1-butene	13.286	57.3	ug/l	454194	4	12.018	396296	50.0