LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

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\82N102325W.M
Title : SW846 8260

Signal : TIC: VN088192.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.877	139	157	158	rBV8	50272	176076	1.33%	0.445%
2	8.147	1043	1053	1056	rBV	263934	629491	4.76%	1.592%
3	8.200	1056	1062	1073	rVV2	775782	1916484	14.48%	4.846%
4	8.306	1073	1080	1088	rVB	91826	229657	1.73%	0.581%
5	8.418	1088	1099	1110	rBV	520920	1234053	9.32%	3.120%
6	8.559	1114	1123	1134	rVB	309077	691700	5.23%	1.749%
7	8.683	1136	1144	1153	rBV5	49055	139518	1.05%	0.353%
8	8.941	1180	1188	1199	rBV	435534	889027	6.72%	2.248%
9	9.077	1202	1211	1221	rBV	696767	1445136	10.92%	3.654%
10	10.182	1393	1399	1412	rVB2	88951	212608	1.61%	0.538%
11	10.318	1416	1422	1432	rVB	73754	154304	1.17%	0.390%
12	10.541	1453	1460	1466	rBV	1118939	2105922	15.91%	5.325%
13	10.606	1466	1471	1480	rVV	748190	1395975	10.55%	3.530%
14	10.718	1484	1490	1497	rVB	314745	536130	4.05%	1.356%
15	11.618	1638	1643	1655	rVB3	146262	324068	2.45%	0.819%
16	11.724	1655	1661	1667	rVB	103294	172409	1.30%	0.436%
17	11.841	1674	1681	1691	rBV	939443	1750969	13.23%	4.427%
18	11.941	1691	1698	1707	rBV	1687019	2927596	22.12%	7.402%
19	12.047	1707	1716	1727	rBV	6618956	13237676	100.00%	33.470%
20	12.376	1764	1772	1783	rBV	1751415	3138753	23.71%	7.936%
21	12.829	1843	1849	1860	rVB	651979	1264796	9.55%	3.198%
22	13.135	1896	1901	1910	rVB	217513	395234	2.99%	0.999%
23	13.770	2003	2009	2017	rVB	932453	1688503	12.76%	4.269%
24	14.082	2057	2062	2068	rBV	235690	405938	3.07%	1.026%
25	14.982	2204	2215	2237	rVB3	639472	2488813	18.80%	6.293%

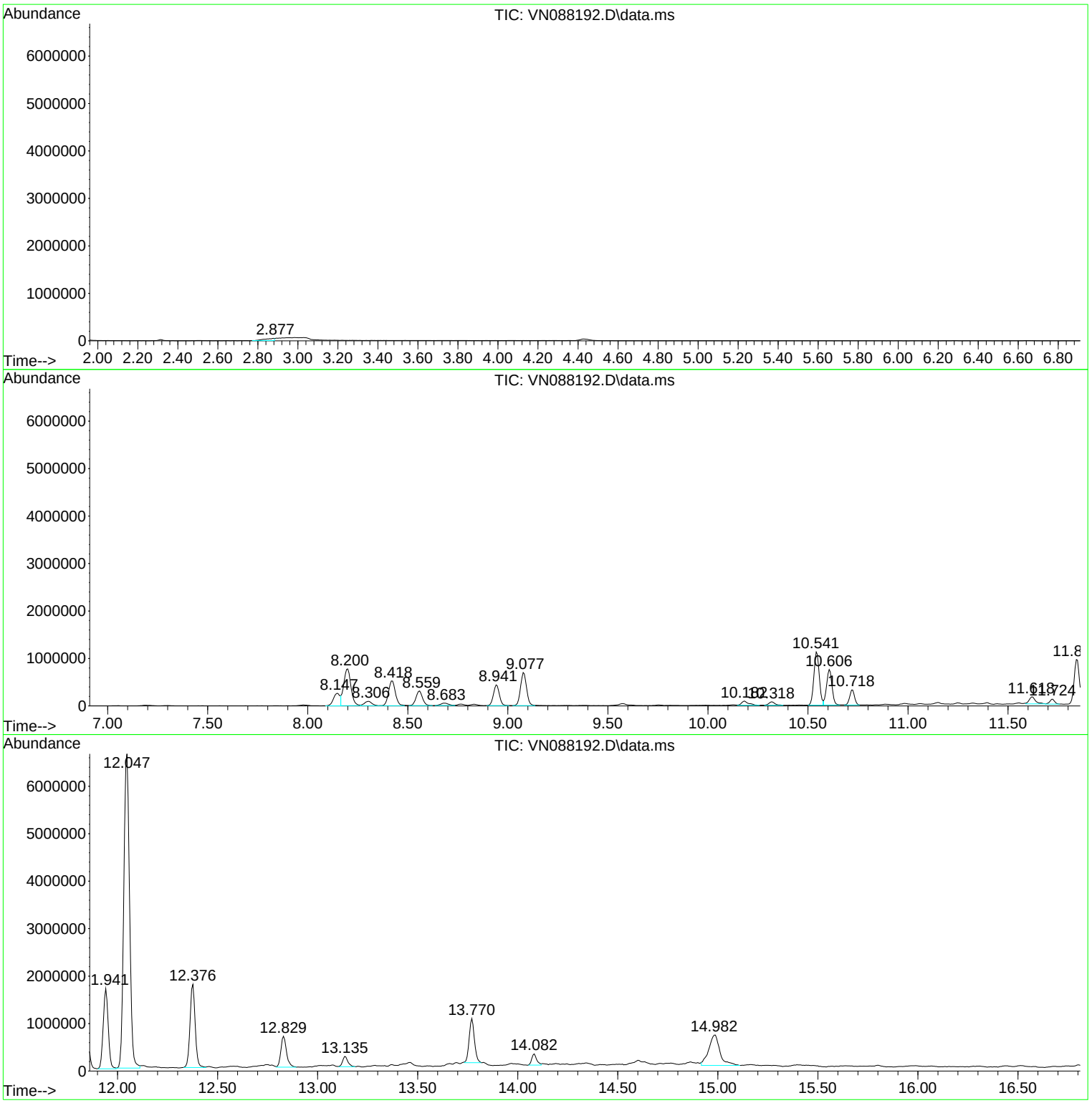
Sum of corrected areas: 39550836

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

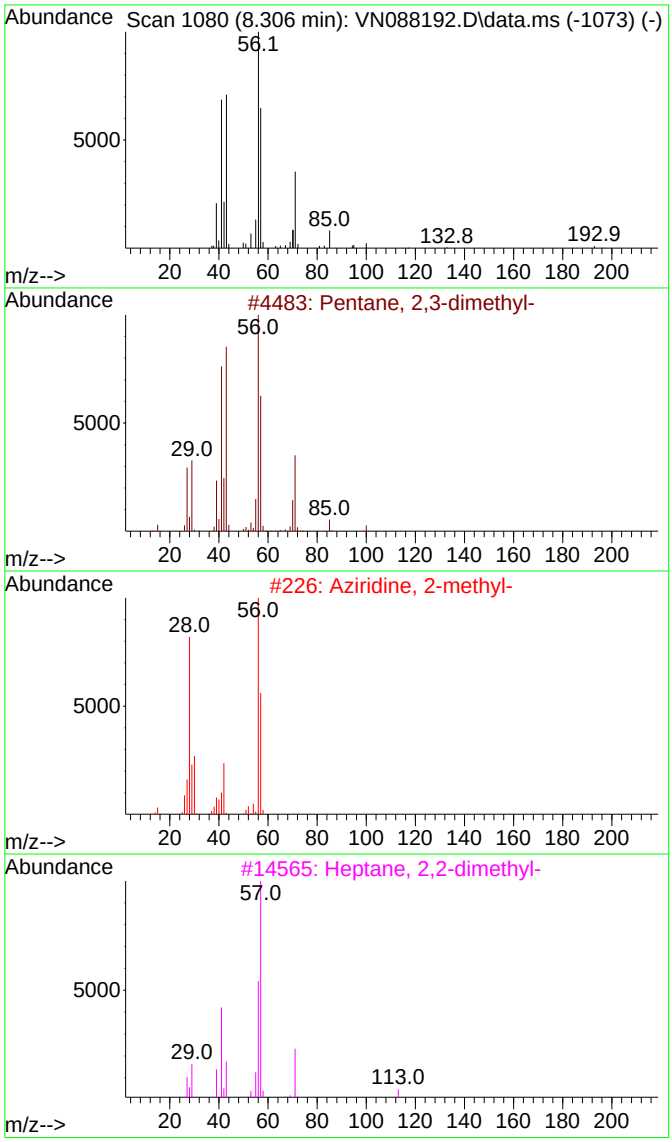
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

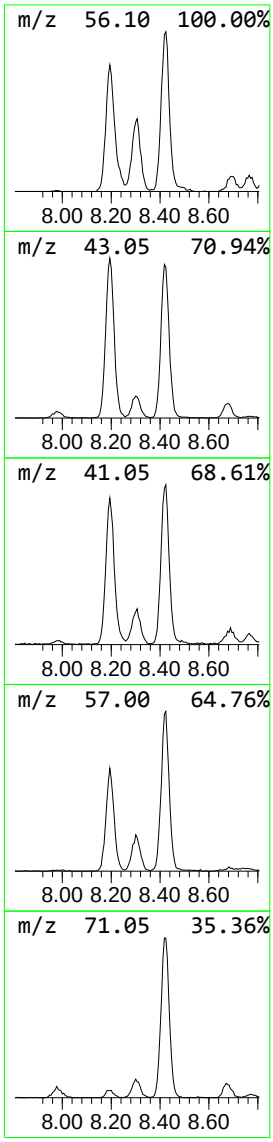
****

Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	5.99 ug/l	229657	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	53
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	42
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	37
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

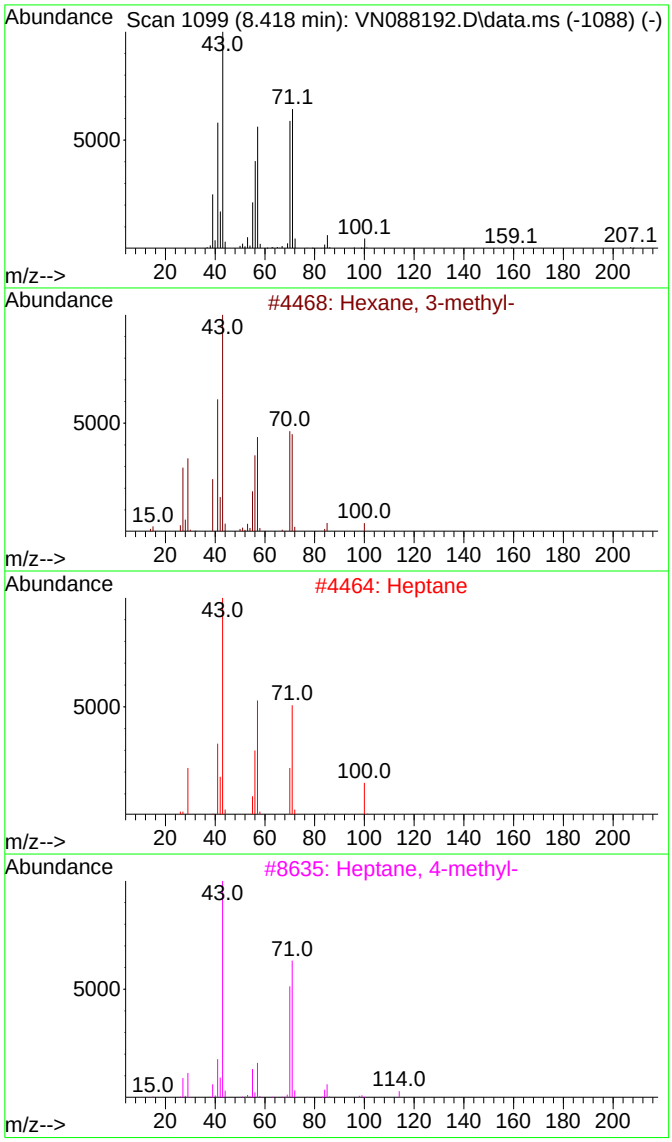
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

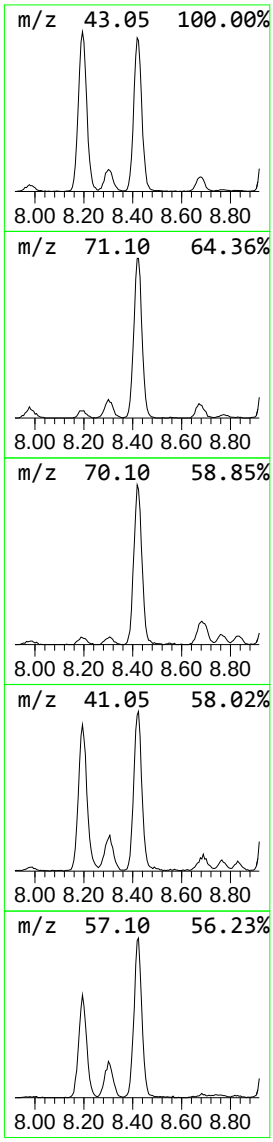
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.418	32.20 ug/l	1234050	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

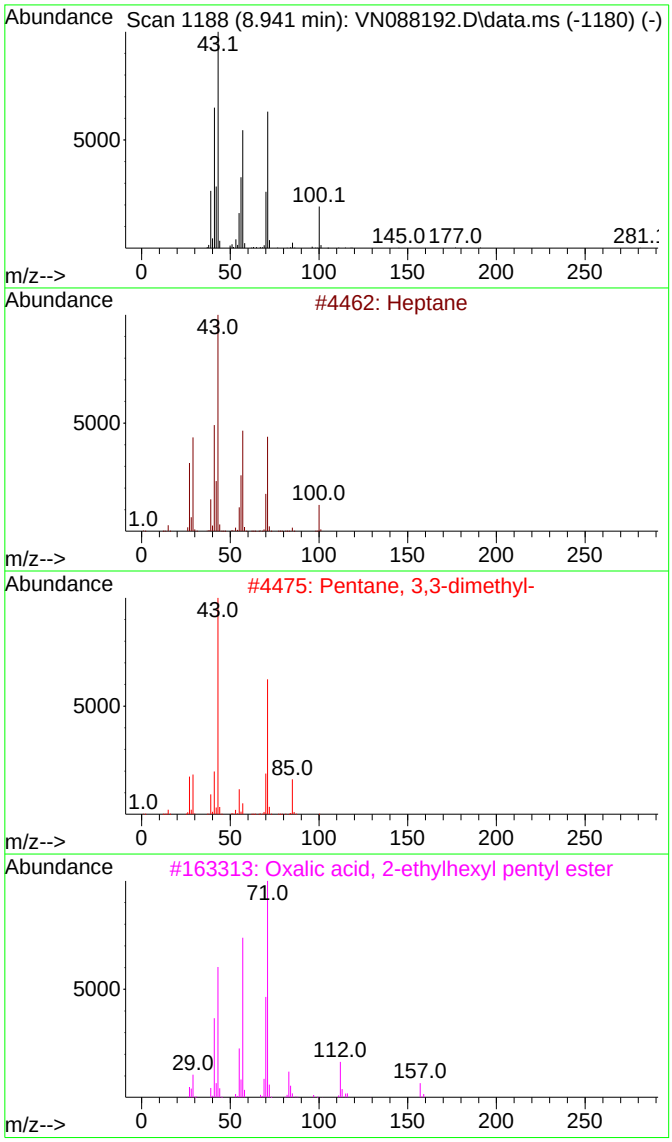
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

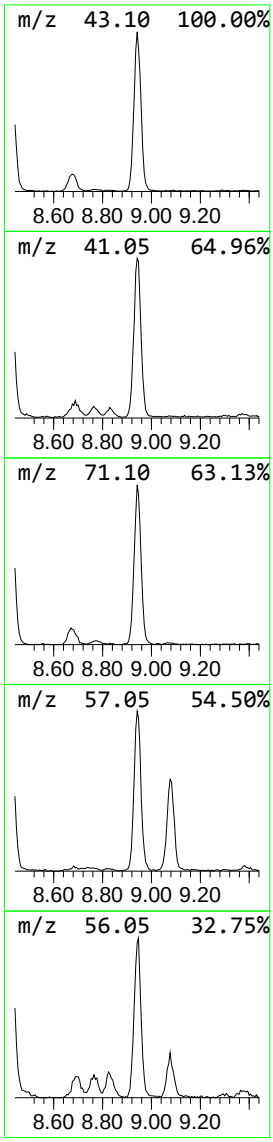
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.941	30.76 ug/l	889027	1,4-Difluorobenzene	9.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
3	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	43
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

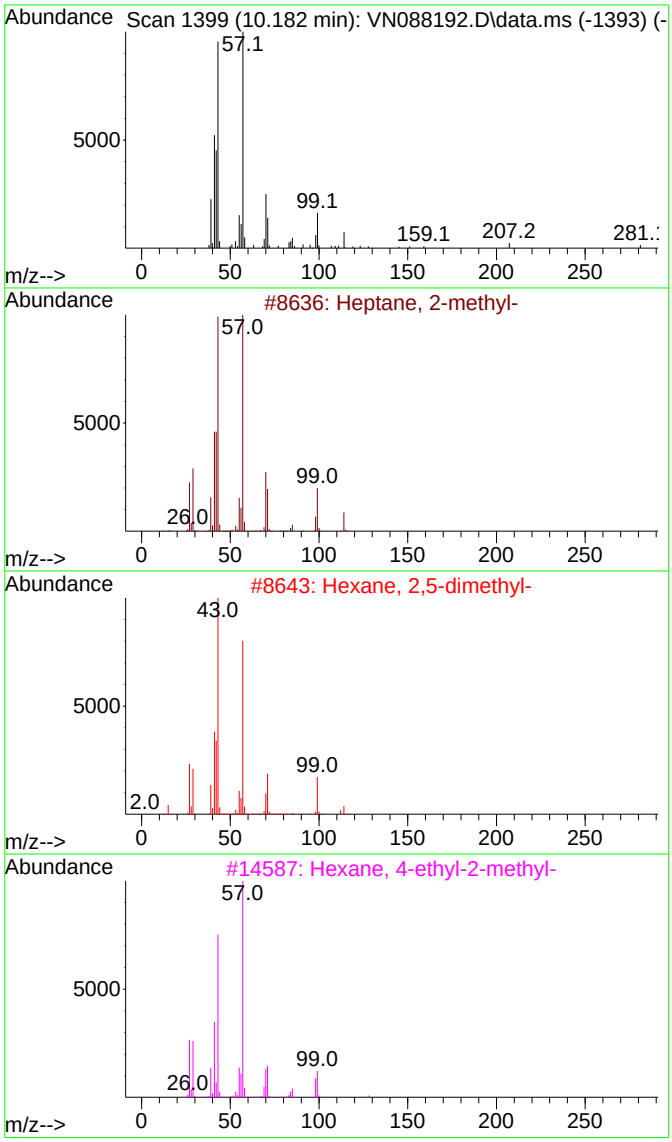
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

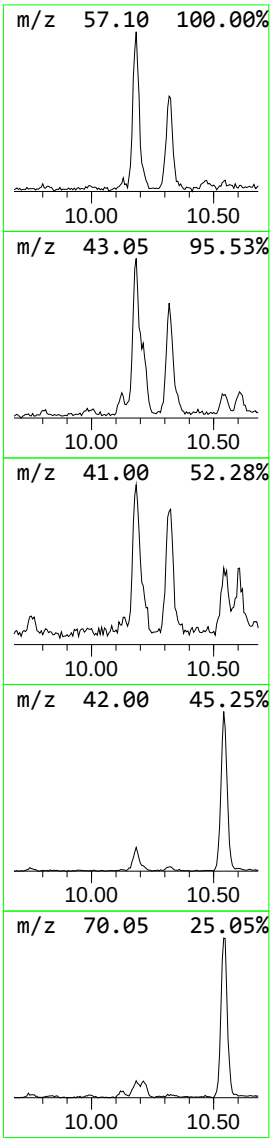
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.182	7.36 ug/l	212608	1,4-Difluorobenzene	9.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	68
3	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	46
4	2-Azido-2,4,4,6,6-pentamethylhep...	211	C12H25N3	1000293-29-0	43
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

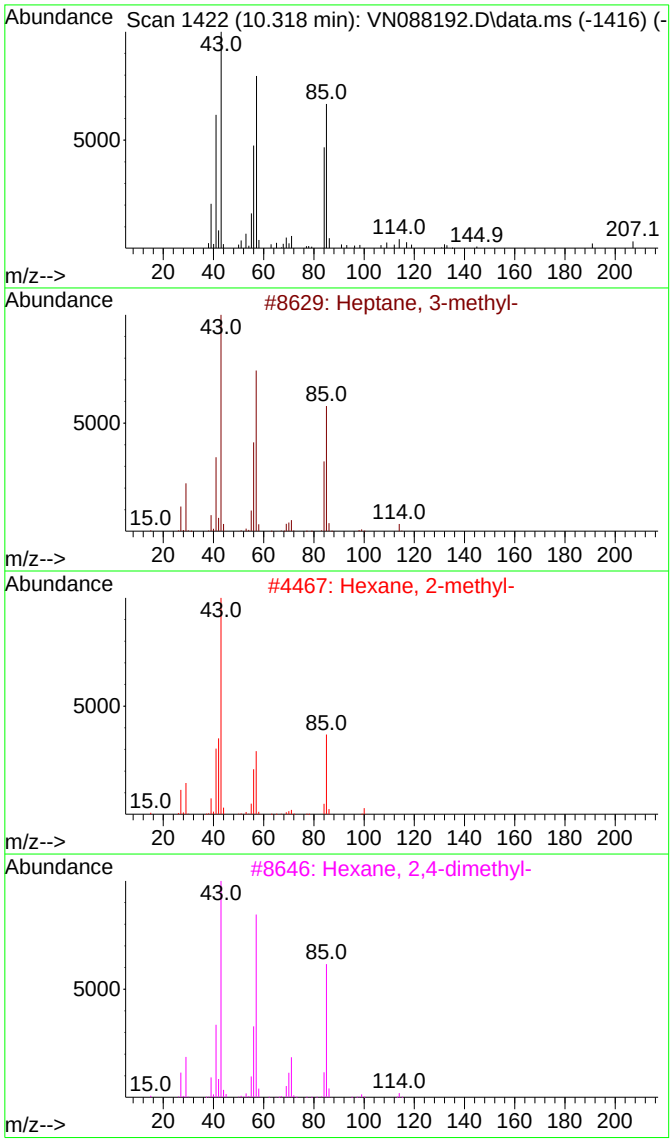
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

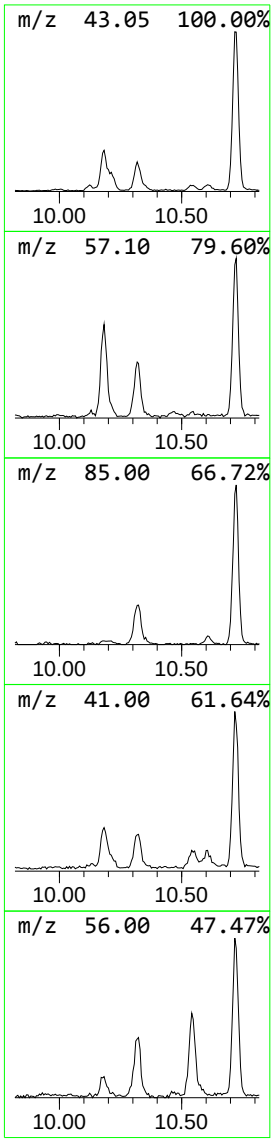
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.318	5.34 ug/l	154304	1,4-Difluorobenzene	9.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	50
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

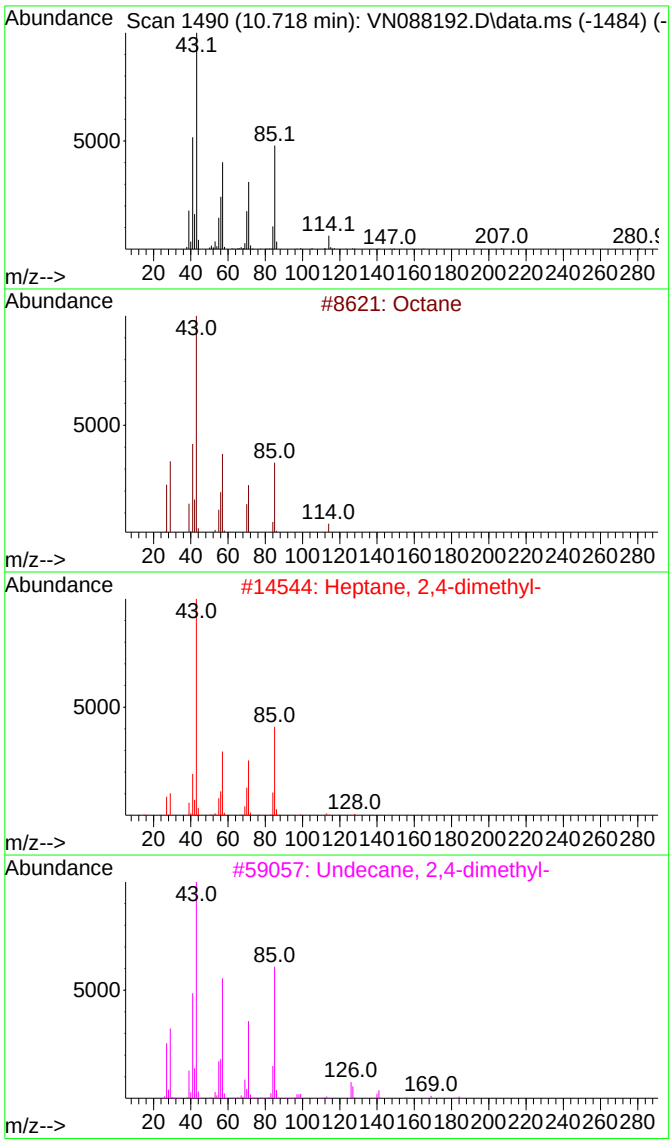
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

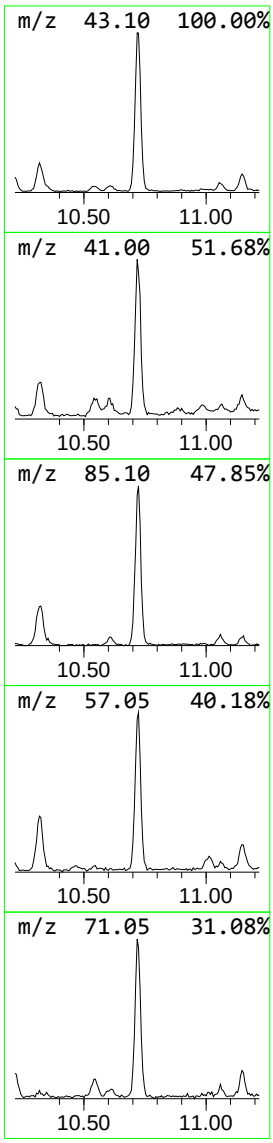
****

Peak Number 6 Octane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.718	15.31 ug/l	536130	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	95
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

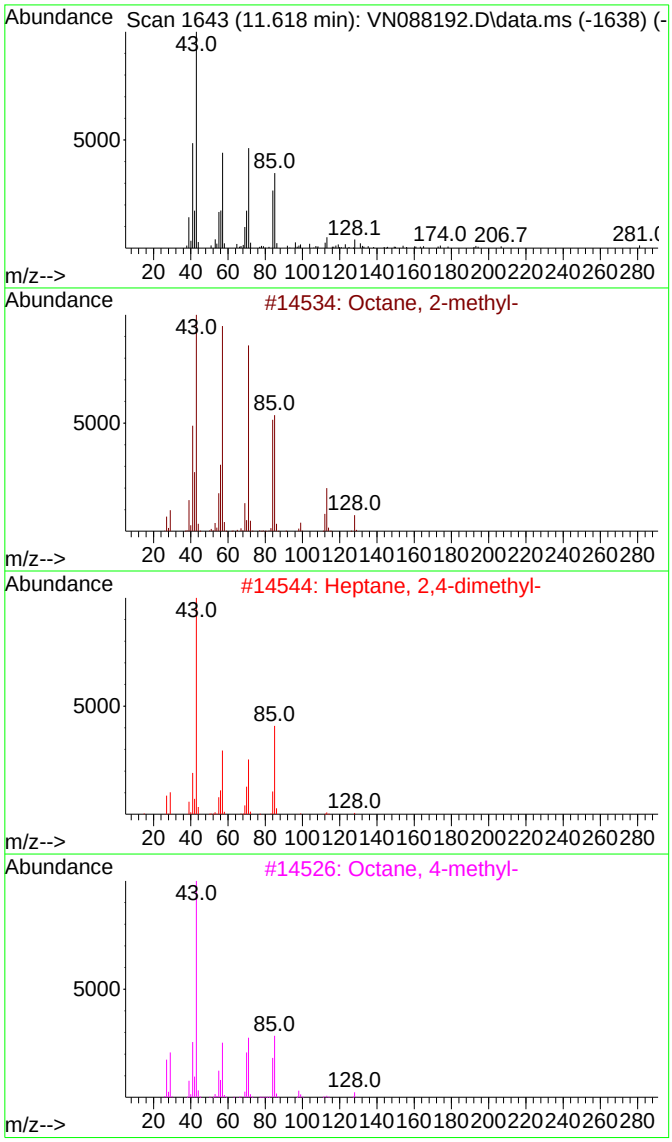
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

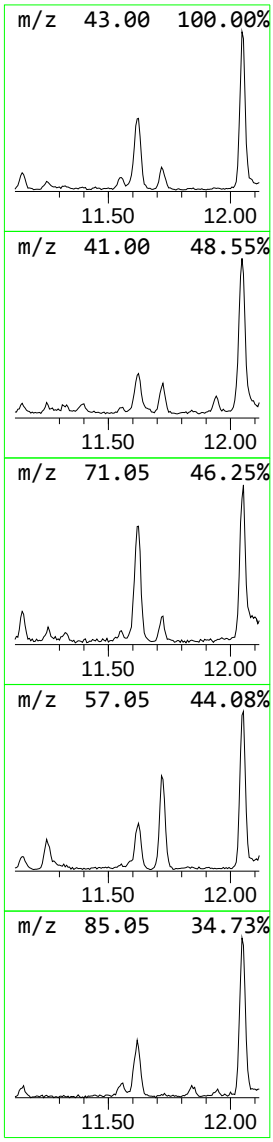
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.618	9.25 ug/l	324068	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

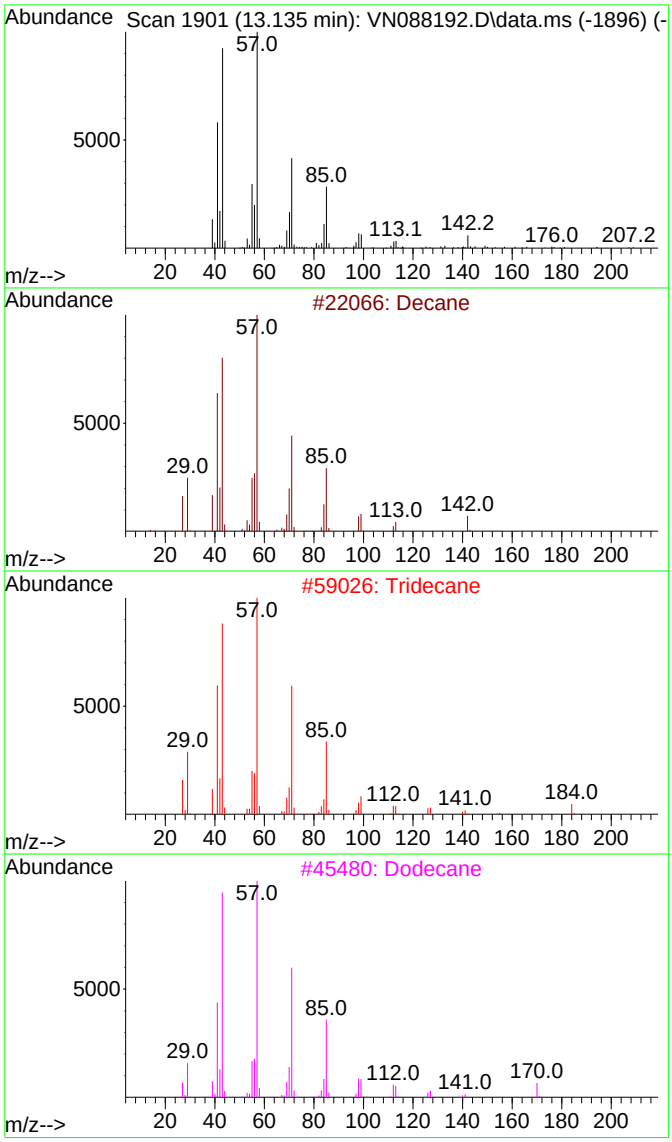
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

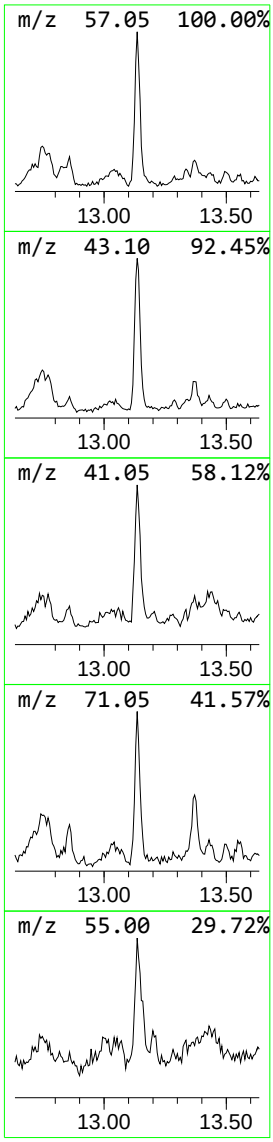
****

Peak Number 8 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.135	11.70 ug/l	395234	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Tridecane	184	C13H28	000629-50-5	86
3	Dodecane	170	C12H26	000112-40-3	83
4	Undecane	156	C11H24	001120-21-4	72
5	Nonane	128	C9H20	000111-84-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

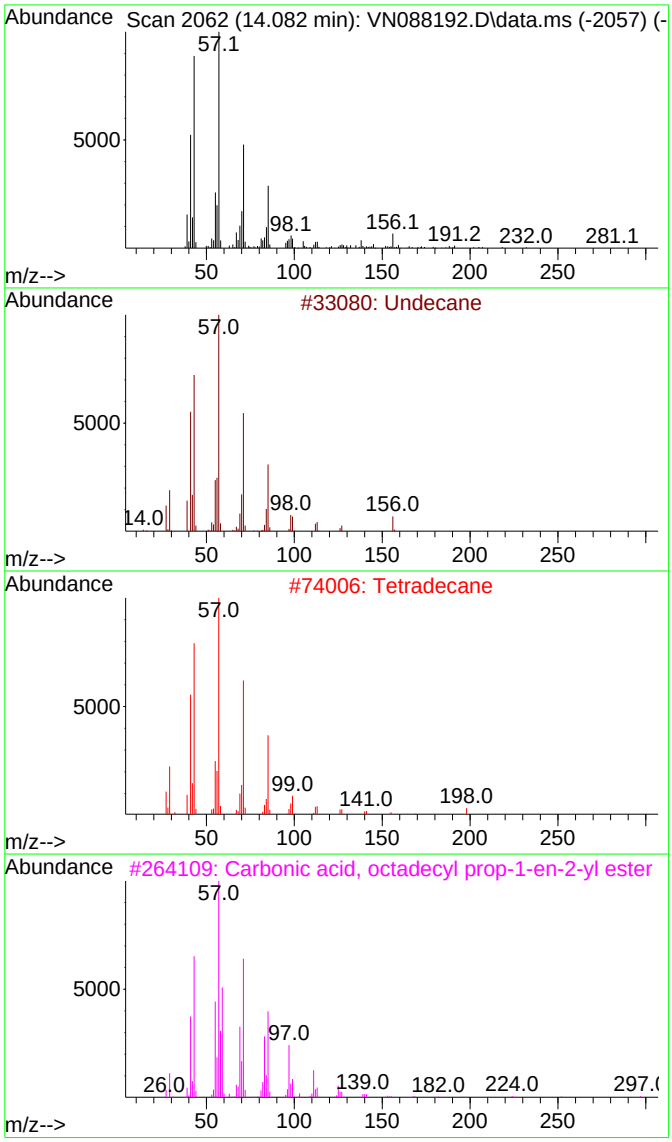
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

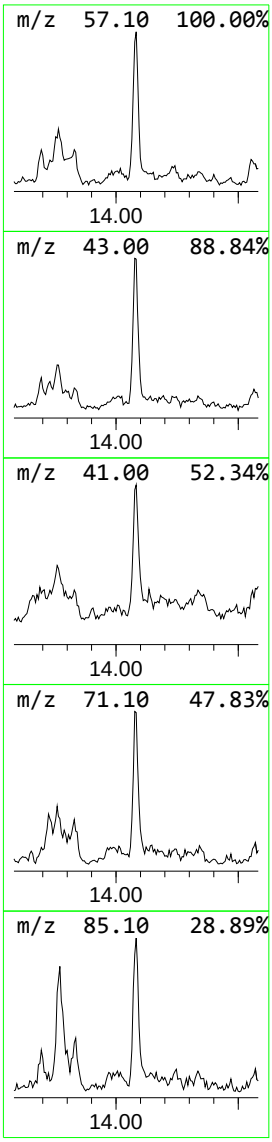
****

Peak Number 9 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	12.02 ug/l	405938	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Tetradecane	198	C14H30	000629-59-4	80
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
5	Nonane	128	C9H20	000111-84-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

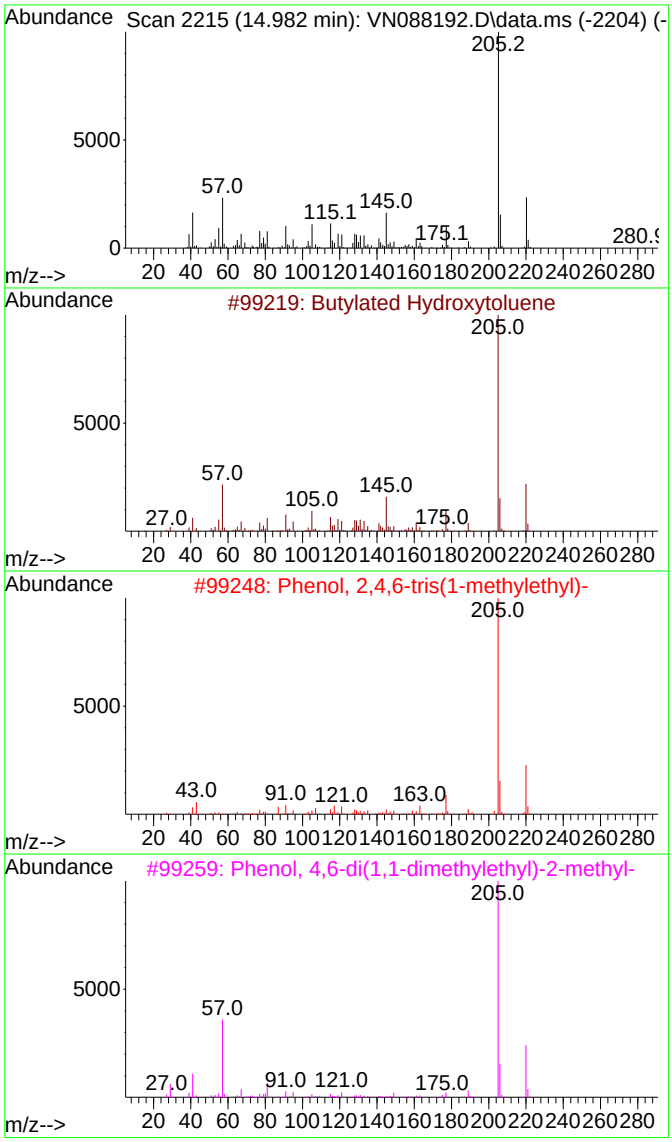
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260

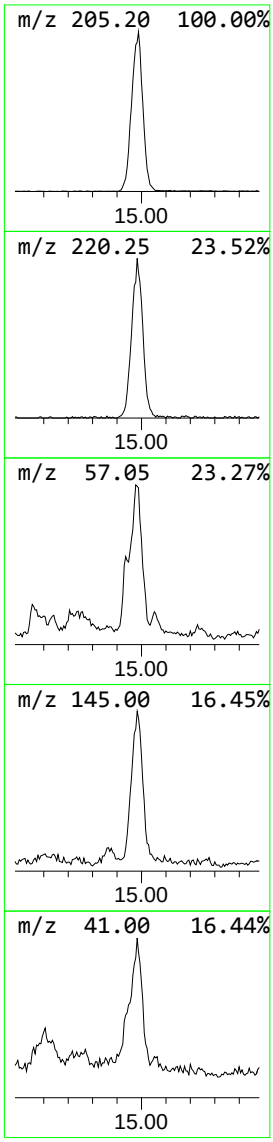
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.982	73.70 ug/l	2488810	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	80
3	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	76
4	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	64
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088192.D
Acq On : 31 Oct 2025 16:26
Operator : JC\MD
Sample : Q3503-05
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.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
Pentane, 2,3-di...	8.306	6.0	ug/l	229657	1	8.206	1916480	50.0
Hexane, 3-methyl-	8.418	32.2	ug/l	1234050	1	8.206	1916480	50.0
Heptane	8.941	30.8	ug/l	889027	2	9.077	1445140	50.0
Heptane, 2-methyl-	10.182	7.4	ug/l	212608	2	9.077	1445140	50.0
Heptane, 3-methyl-	10.318	5.3	ug/l	154304	2	9.077	1445140	50.0
Octane	10.718	15.3	ug/l	536130	3	11.841	1750970	50.0
Octane, 2-methyl-	11.618	9.3	ug/l	324068	3	11.841	1750970	50.0
Decane	13.135	11.7	ug/l	395234	4	13.770	1688500	50.0
Undecane	14.082	12.0	ug/l	405938	4	13.770	1688500	50.0
Butylated Hydro...	14.982	73.7	ug/l	2488810	4	13.770	1688500	50.0