LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
Data File : VN085962.D
Acq On : 12 Mar 2025 16:06
Operator : JC\MD
Sample : Q1528-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FERNOT

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\82N021825W.M
Title : SW846 8260

Signal : TIC: VN085962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.289	383	397	410	rBV	142567	407943	2.84%	1.316%
2	7.224	883	896	907	rBV	88215	239355	1.67%	0.772%
3	8.165	1047	1056	1060	rBV	127931	292877	2.04%	0.945%
4	8.224	1060	1066	1079	rVB	215554	507046	3.53%	1.636%
5	8.577	1116	1126	1138	rBV2	145798	422833	2.94%	1.364%
6	9.100	1206	1215	1228	rBV	319903	642222	4.47%	2.072%
7	9.653	1301	1309	1326	rVB	1567433	3024931	21.05%	9.761%
8	10.565	1455	1464	1469	rBV	460073	836946	5.82%	2.701%
9	10.629	1469	1475	1487	rVB	630274	1161849	8.08%	3.749%
10	11.300	1579	1589	1605	rBV	8520033	14372849	100.00%	46.379%
11	11.865	1676	1685	1694	rBV	442274	779954	5.43%	2.517%
12	11.959	1694	1701	1710	rVV	330930	562502	3.91%	1.815%
13	12.065	1710	1719	1730	rVB	910192	1658803	11.54%	5.353%
14	12.394	1766	1775	1781	rBV	517584	873153	6.08%	2.818%
15	12.847	1845	1852	1861	rVB	349738	592463	4.12%	1.912%
16	13.094	1888	1894	1898	rBV	301211	513493	3.57%	1.657%
17	13.170	1903	1907	1914	rVB	143351	236210	1.64%	0.762%
18	13.335	1924	1935	1939	rBV	168950	298306	2.08%	0.963%
19	13.482	1953	1960	1967	rBV	561801	896781	6.24%	2.894%
20	13.788	2006	2012	2023	rBV2	438465	1107116	7.70%	3.572%
21	13.994	2041	2047	2061	rVB3	243000	559193	3.89%	1.804%
22	14.923	2200	2205	2217	rVB3	79453	183575	1.28%	0.592%
23	15.053	2217	2227	2234	rBV2	172748	387956	2.70%	1.252%
24	15.206	2246	2253	2260	rBV2	157521	285458	1.99%	0.921%
25	16.164	2401	2416	2427	rBV	54101	146396	1.02%	0.472%

Sum of corrected areas: 30990210

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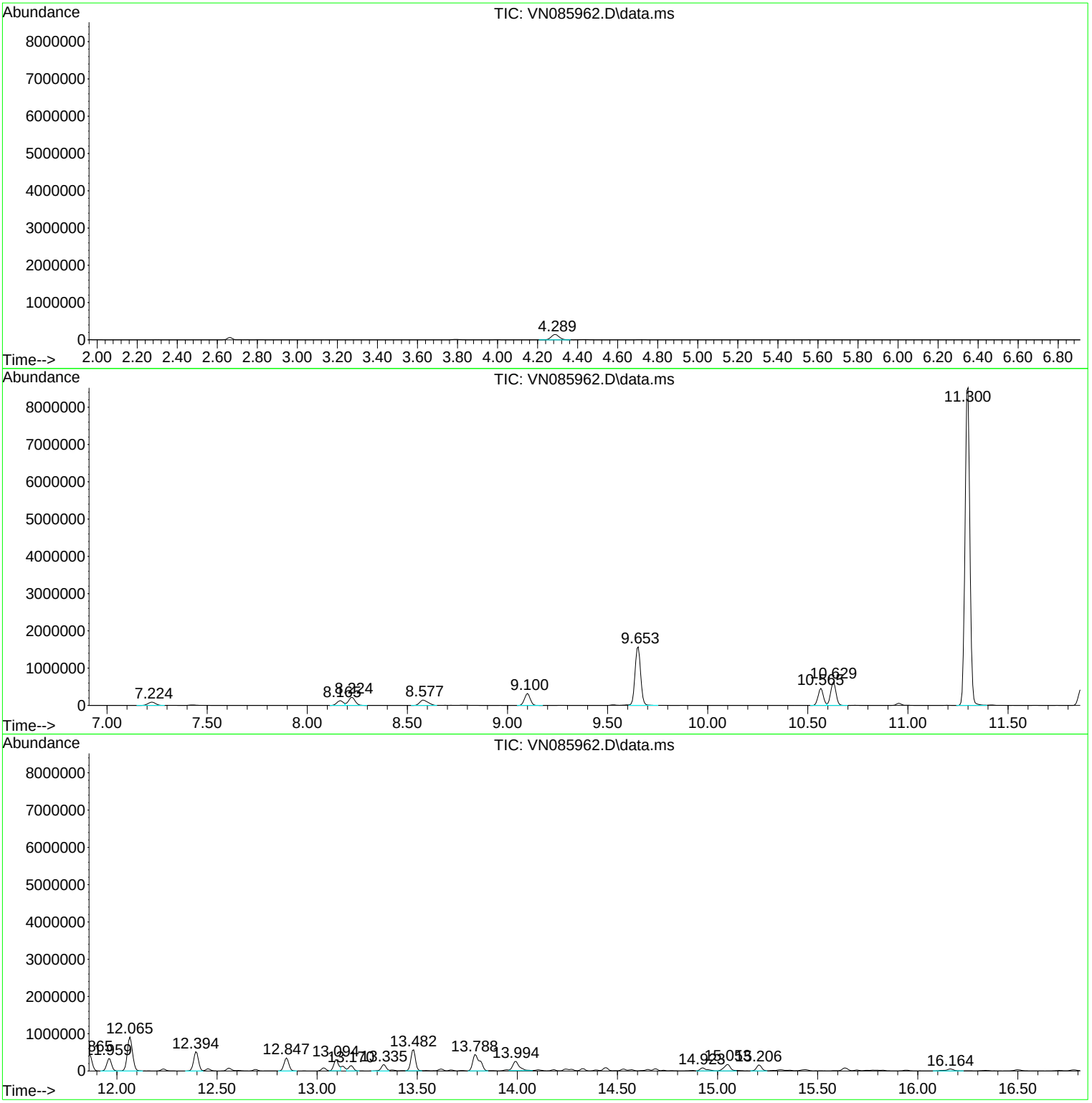
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260

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



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TIC Library : C:\Database\NIST20.L
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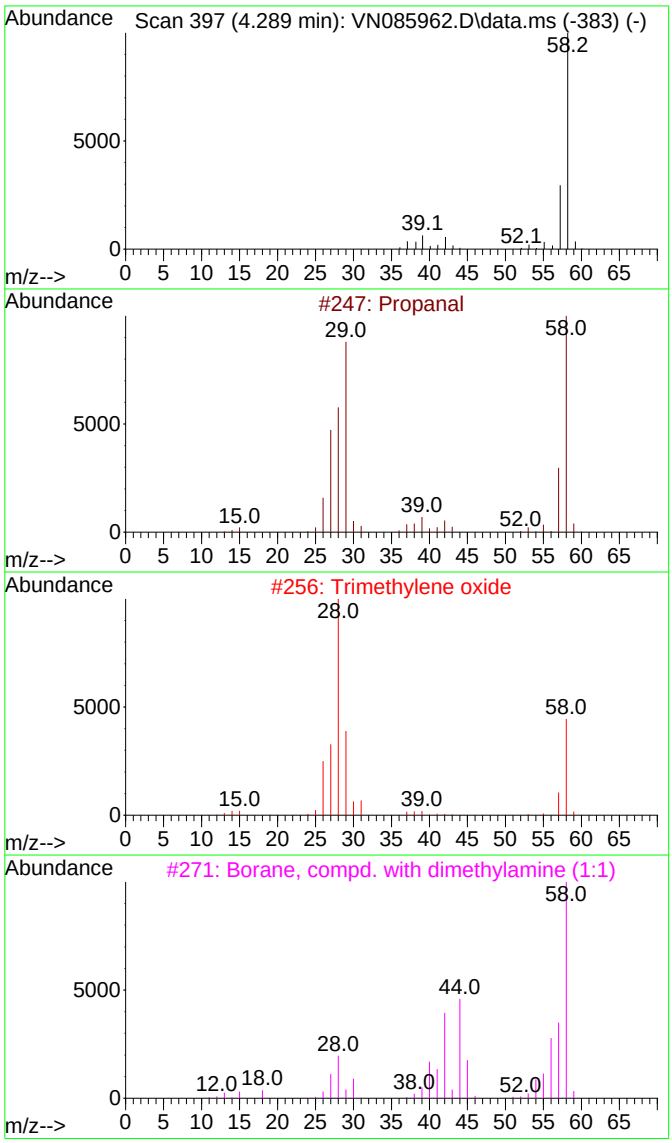
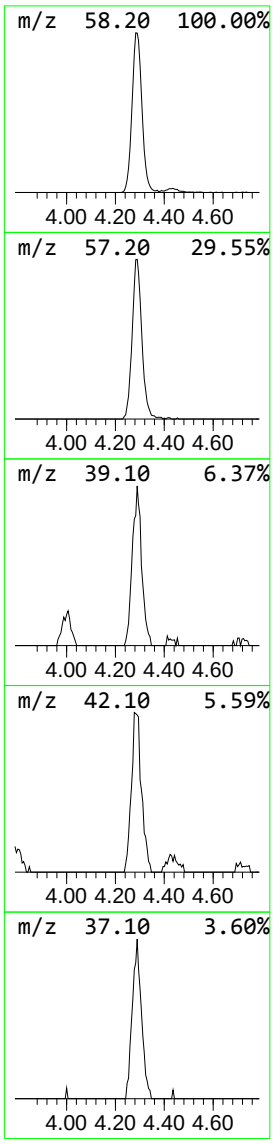
****

Peak Number 1 Propanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.289	40.23 ug/l	407943	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal	58	C3H6O	000123-38-6	72
2	Trimethylene oxide	58	C3H6O	000503-30-0	56
3	Borane, compd. with dimethylamin...	59	C2H10BN	000074-94-2	7
4	Propylene oxide	58	C3H6O	000075-56-9	5
5	Oxirane, methyl-, (S)-	58	C3H6O	016088-62-3	5





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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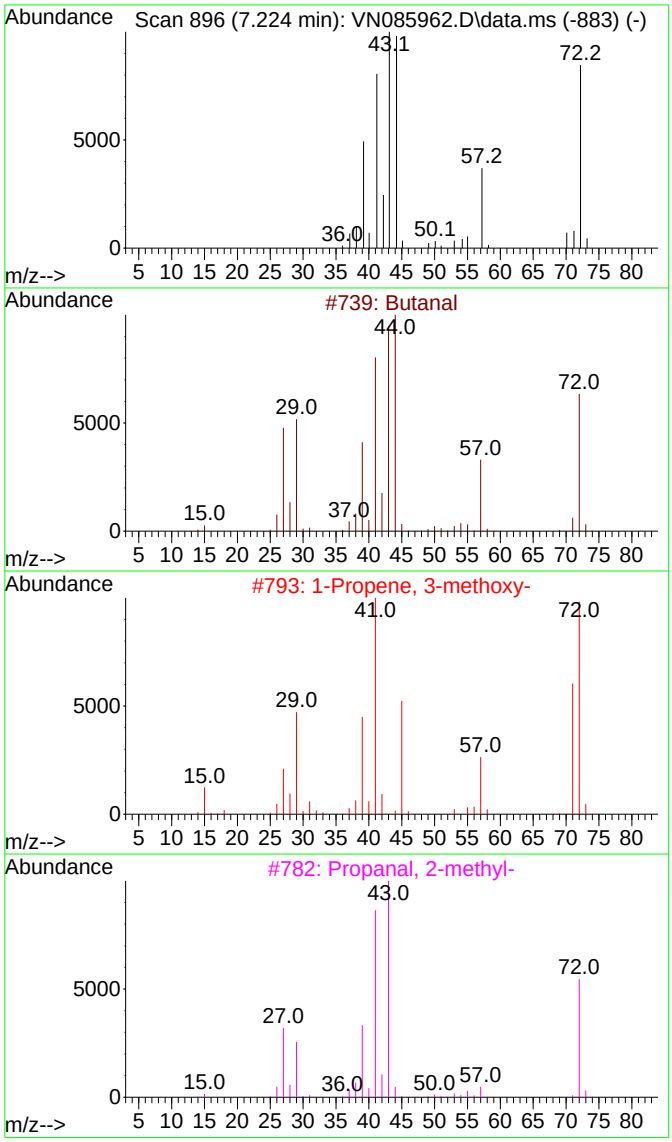
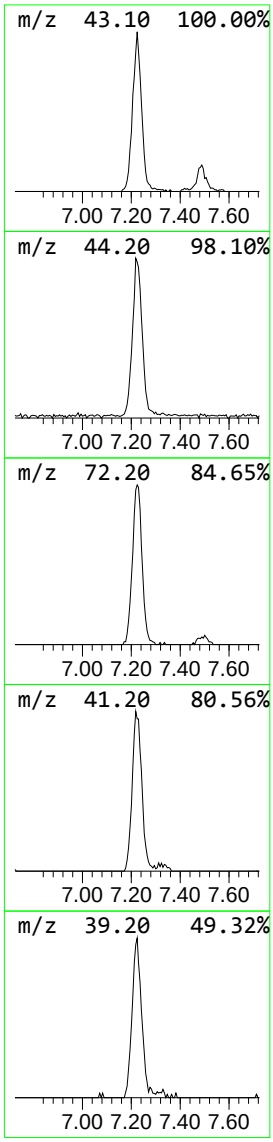
Peak Number 2 Butanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.224	23.60 ug/l	239355	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	43
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	43
4	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	38
5	Acetaldehyde, methylhydrazone	72	C3H8N2	017167-73-6	27





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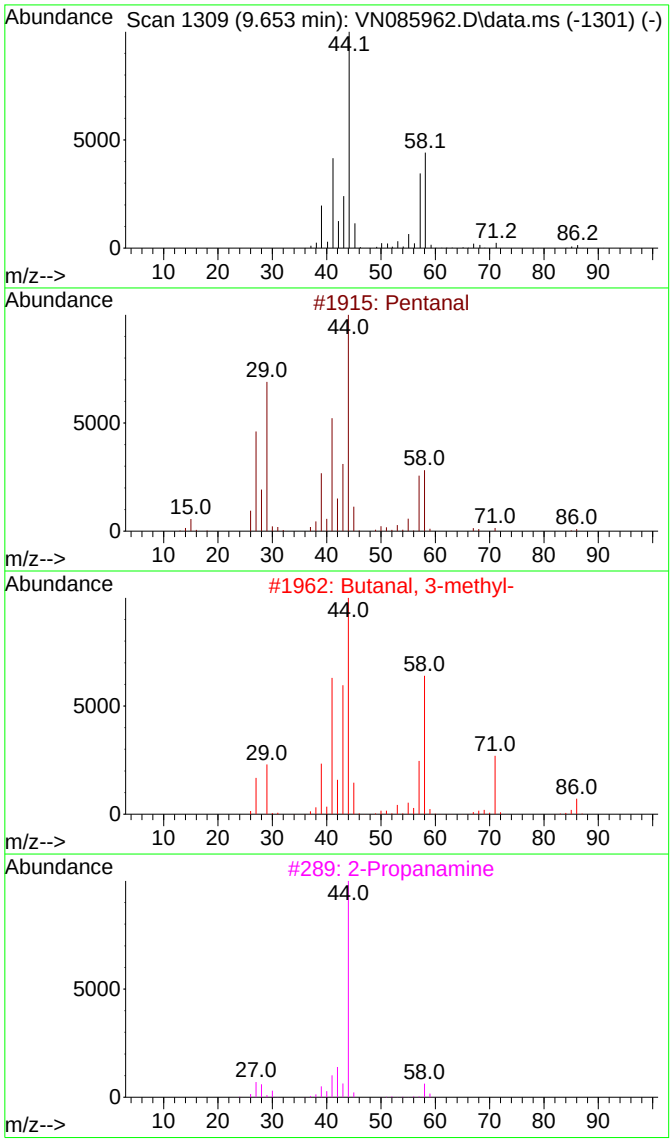
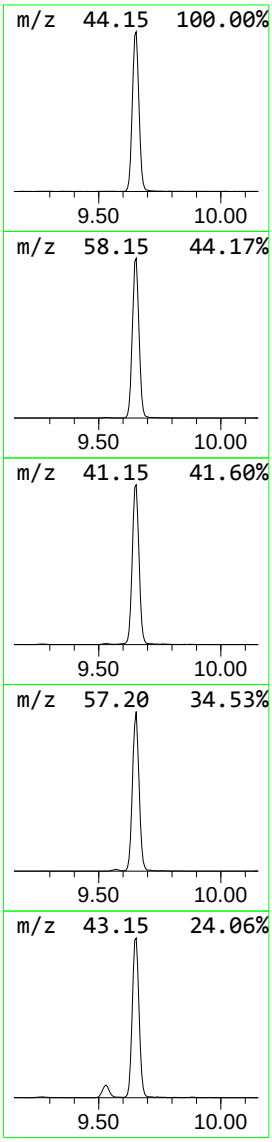
****
Peak Number 3 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.653	235.51 ug/l	3024930	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	90
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	42
3	2-Propanamine	59	C3H9N	000075-31-0	38
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	33
5	Glycidol	74	C3H6O2	000556-52-5	9





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TIC Library : C:\Database\NIST20.L
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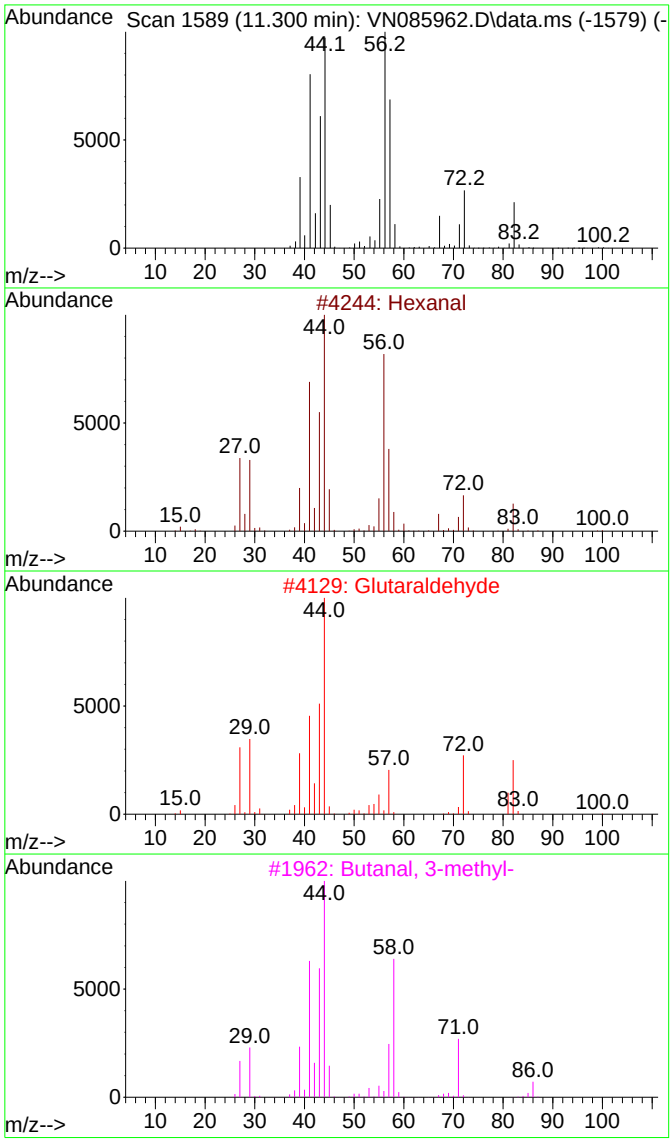
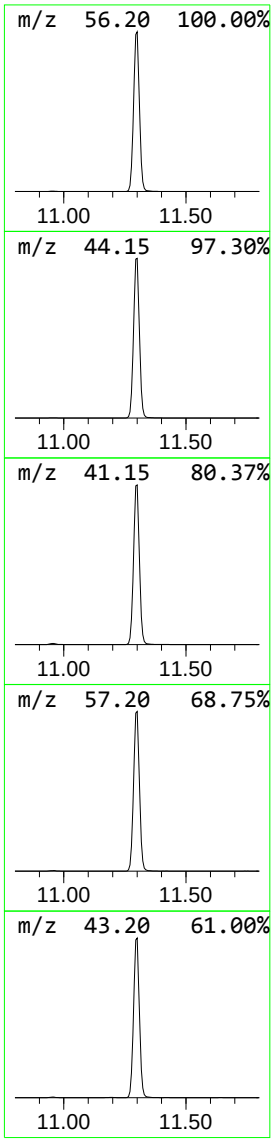
****
Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.300	921.39 ug/l	14372800	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Glutaraldehyde	100	C5H8O2	000111-30-8	43
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	35
4	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	28





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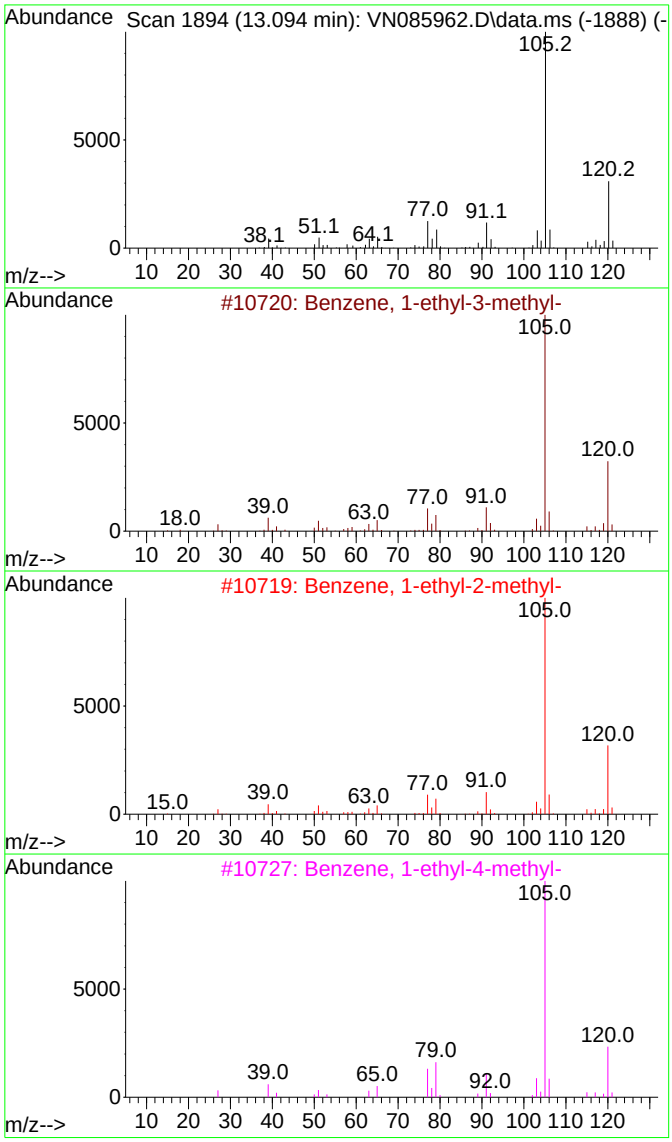
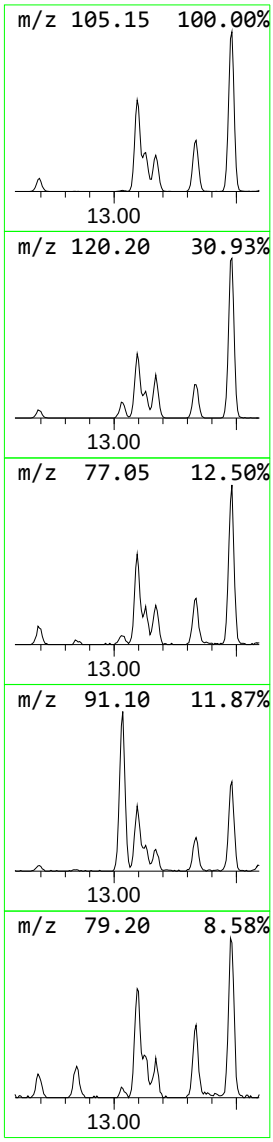
****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.094	23.19 ug/l	513493	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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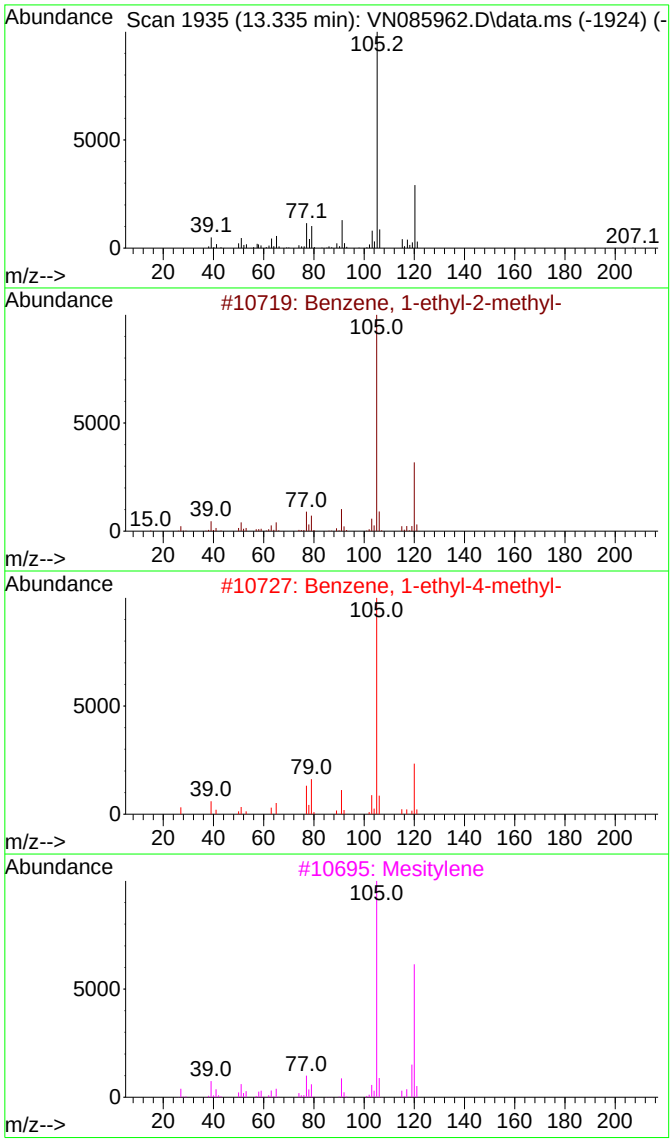
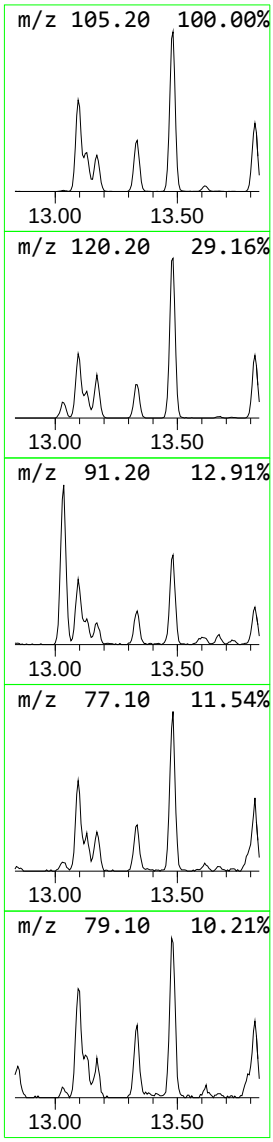
****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	13.47 ug/l	298306	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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TIC Library : C:\Database\NIST20.L
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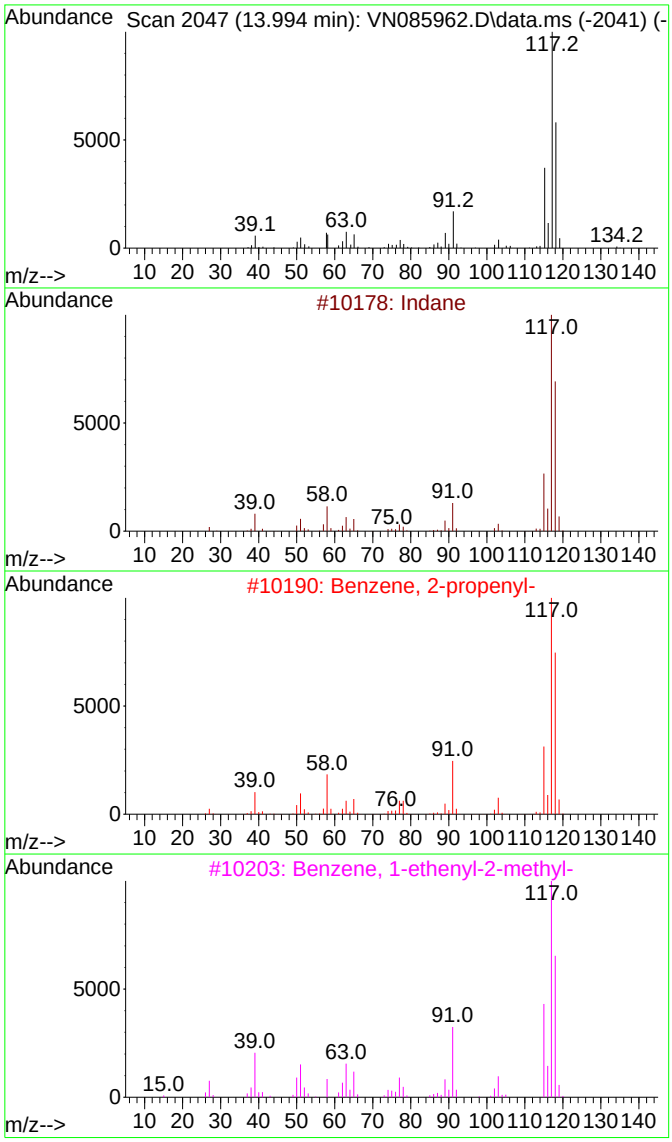
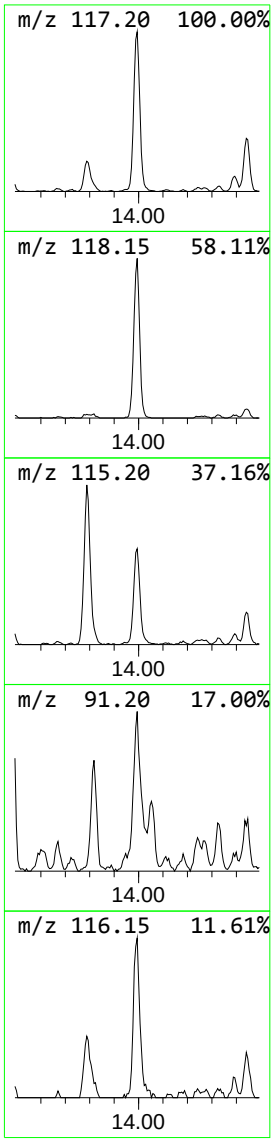
Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	25.25 ug/l	559193	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





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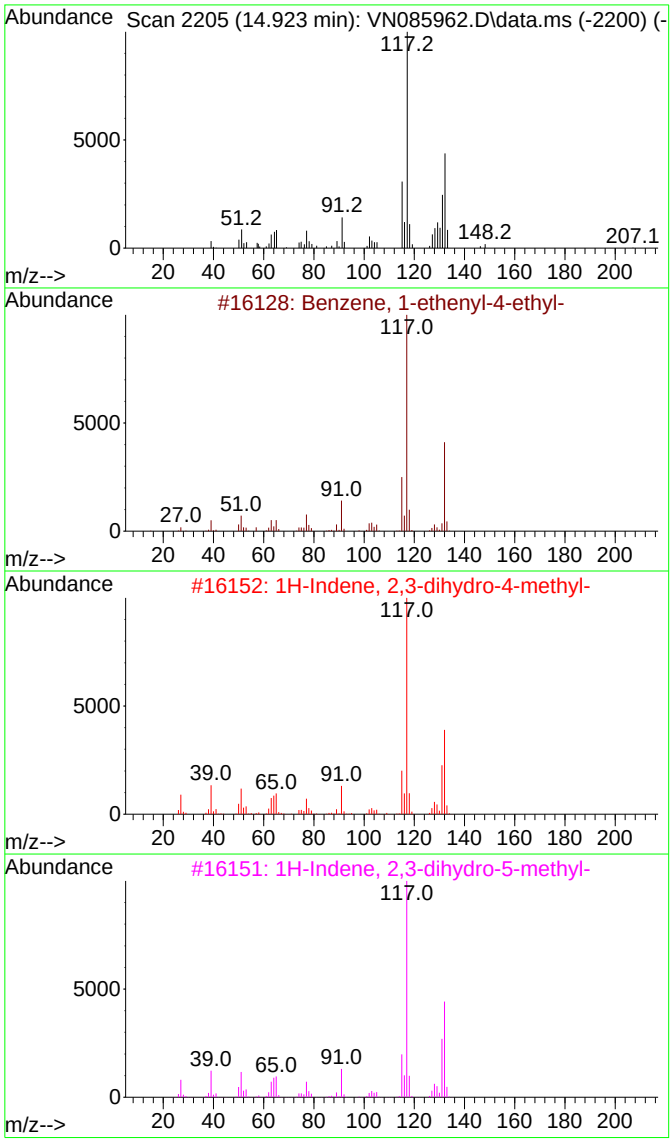
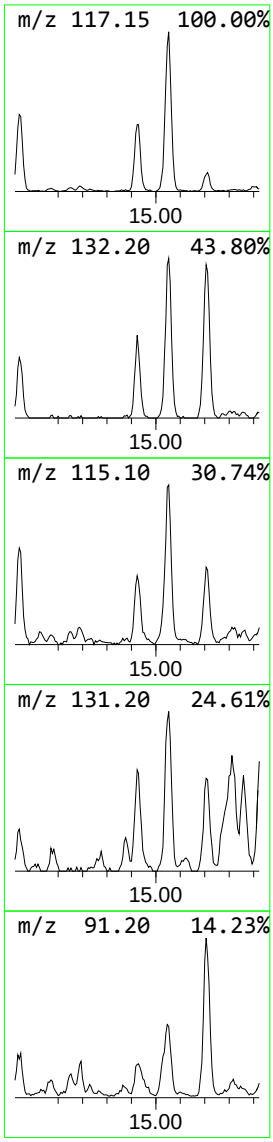
****
Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	8.29 ug/l	183575	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	74





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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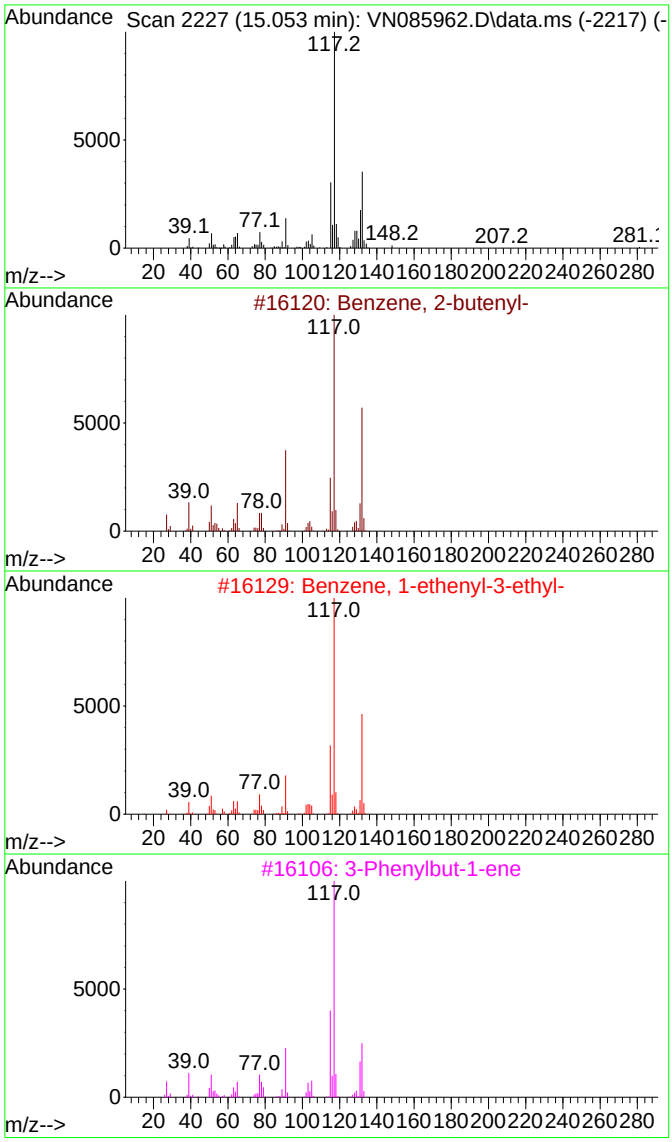
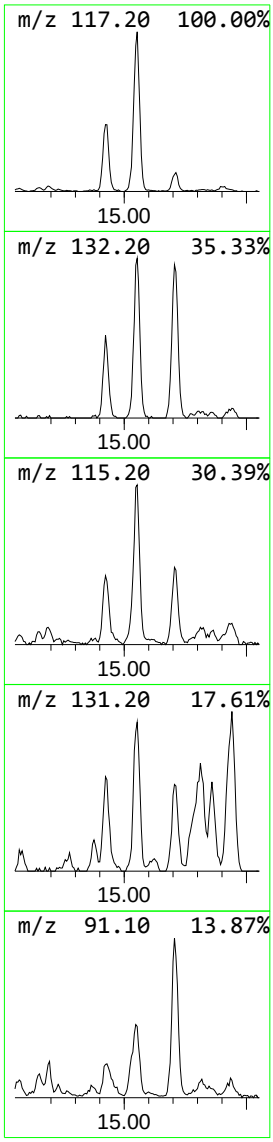
Peak Number 9 Benzene, 2-butenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	17.52 ug/l	387956	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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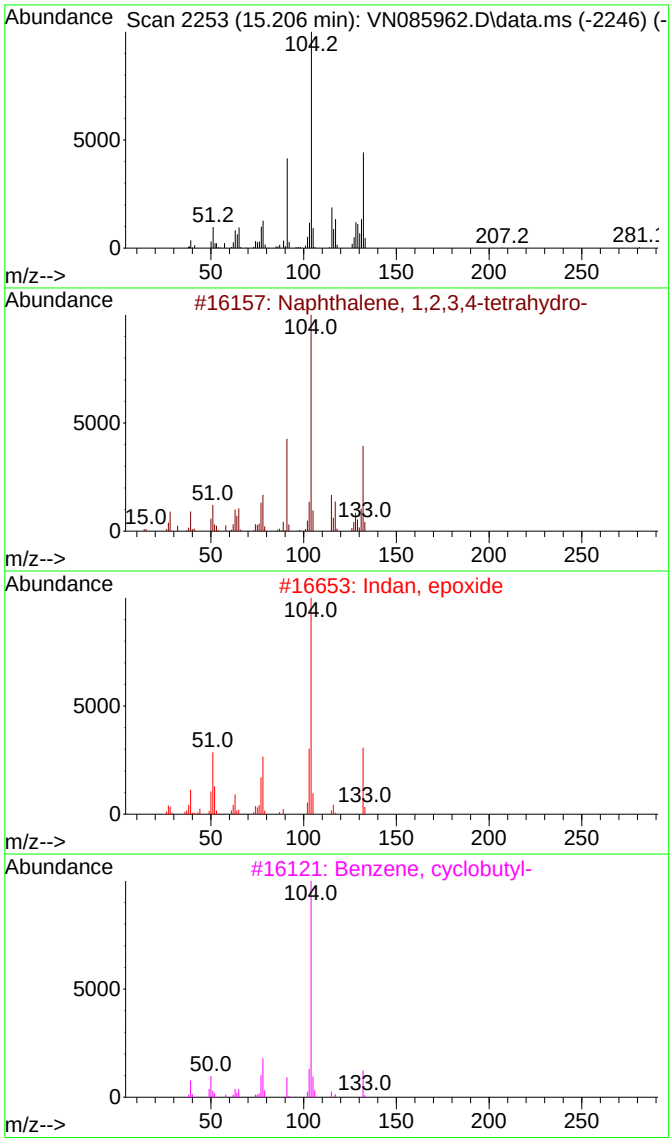
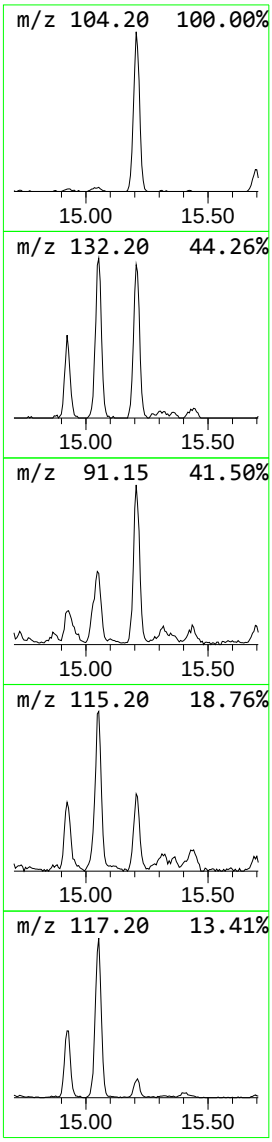
****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	12.89 ug/l	285458	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
Data File : VN085962.D
Acq On : 12 Mar 2025 16:06
Operator : JC\MD
Sample : Q1528-01 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FERNOT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.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
Propanal	4.289	40.2	ug/l	407943	1	8.224	507046	50.0
Butanal	7.224	23.6	ug/l	239355	1	8.224	507046	50.0
Pentanal	9.653	235.5	ug/l	3024930	2	9.100	642222	50.0
Hexanal	11.300	921.4	ug/l	14372800	3	11.865	779954	50.0
Benzene, 1-ethy...	13.094	23.2	ug/l	513493	4	13.788	1107120	50.0
Benzene, 1-ethy...	13.335	13.5	ug/l	298306	4	13.788	1107120	50.0
Indane	13.994	25.3	ug/l	559193	4	13.788	1107120	50.0
Benzene, 1-ethe...	14.923	8.3	ug/l	183575	4	13.788	1107120	50.0
Benzene, 2-bute...	15.053	17.5	ug/l	387956	4	13.788	1107120	50.0
Naphthalene, 1,...	15.206	12.9	ug/l	285458	4	13.788	1107120	50.0